Virginia Tech Board of Visitors Meeting November 17-18, 2013

Information Session

Minutes

- A. Minutes: Academic Affairs Committee
- B. Resolution: Approval of the Faculty of Health Sciences
- C. Resolution: Approval of the Degree Name Change from Forestry and Wildlife to Forest Resources and Environmental Conservation
- D. Minutes: Buildings and Grounds
- E. Resolution: Appointment to the Blacksburg-Virginia Polytechnic Institute Sanitation Authority
- F. Resolution: Authorizing the Demolition of University Building 270F
- G. Resolution: Authorizing the Demolition of University Building 745
- H. Resolution: Authorizing the Sale of Timber at the Southern Piedmont Agricultural Research and Extension Center
- I. Resolution: Authorizing the Transfer of Property to Virginia Tech/Montgomery Regional Airport Authority
- J. Minutes: Finance and Audit Committee
- K. Resolution: Approval of the Year-to-Date Financial Performance Report (July 1, 2013 September 30, 2013)
- L. Resolution: Approval of the Pratt Fund Program and Expenditures Report
- M. Resolution: Approval for Authority to Execute Agreements to Loan Funds to Virginia Tech Applied Research Corporation (VTARC)
- N. Resolution: Approval on Revisions to Athletic Sporting Event Bonus Policy and Procedure Statement
- O. Resolution: Approval of the Capital Lease for 601 Prince Street
- P. Resolution: Approval of the Capital Project for Sitework for the Marching Virginians Practice Facility
- Q. Minutes: Research Committee
- R. Minutes: Student Affairs and Athletics Committee
- S. Report: Research and Development Disclosure
- T. Resolution: Honoring Chief Wendell R. Flinchum
- U. Report: Presidential Search Committee
- V. Resolution: Approval of External Awards (2)
- W. Resolution: Approval of Naming a University Facility

- X. Resolutions: Approval of Emeritus Status (2)
- Y. Resolutions: Approval of Endowed Chairs, Professorships, or Fellowships (6)
- Z. Resolution: Approval of Faculty Research Leave Request (1)
- AA. Resolution: Ratification of the Personnel Changes Report
- BB. Reports: Constituent Reports

Board of Visitors Information Session

November 17, 2013

1:30 – 4:15 PM The Inn at Virginia Tech, Latham Ballroom D,E,F

Open Session

1:30 – 2:30 p.m. Annual Progress Report on University Strategic Plan

- Dr. Charles W. Steger, President
- Dr. Mark G. McNamee, Senior Vice President and Provost
- Mr. M. Dwight Shelton, Jr., Vice President for Finance and Chief Financial Officer

2:30 – 3:00 p.m. Second JLARC Report on Higher Education Presentation

 Mr. M. Dwight Shelton, Jr., Vice President for Finance and Chief Financial Officer

3:00 – 3:30 p.m. Campus Master Plan Update Presentation

- Dr. Sherwood G. Wilson, Vice President for Administration
- Mr. Jason Soileau, Assistant Vice President, Office of University Planning

Motion to Begin Closed Session

Closed Session

3:30 – 4:15 p.m. Update on Presidential Search

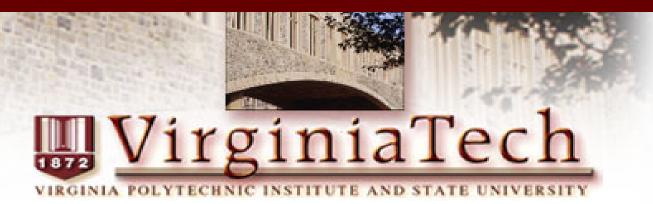
Mr. George Nolen, Presidential Search Committee Chair

Motion to Return to Open Session

Annual Progress Report:

Plan for a New Horizon 2012 - 2018

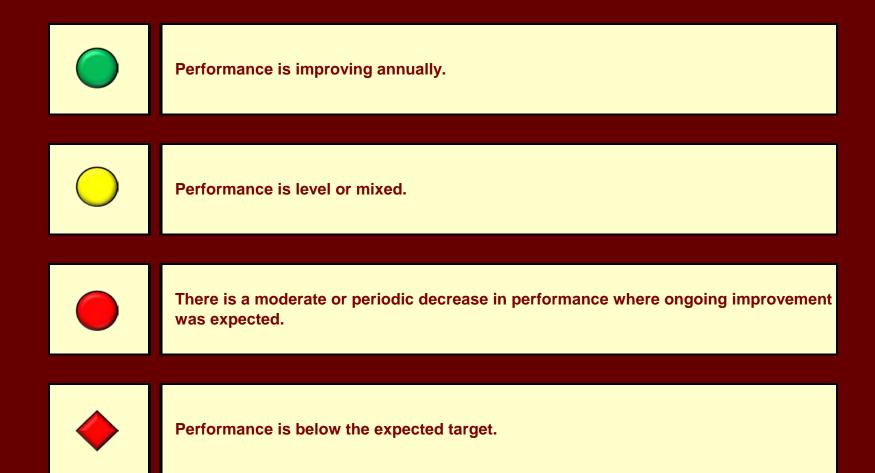
> Board of Visitors November 17, 2013



Overview of Indicators Supporting Scholarship Domains



Scorecard Indicators Key





	Measure(s)	Metric Definition and Information Sources	University Target		November 2013 Report		
	,,		Performance	Performance	Comment on 3-Year Trend		
	Number of graduating undergraduates who participated in research experiences.	Degrees extract and course history files - linked to credit bearing activities.	75% of graduating undergraduates.	3,363 (60.9%) in AY 2012-13	Graduating undergraduate participation in research experiences is up 6.2% from AY 2010-11, but down by 4.5% from AY 2011-12.	○ ◆	
	Percent of entering students who attended First-Year Experience courses.	First time freshmen and transfer students in fall and spring census files	80% of first-time students by the 2015-16 AY	30.4% (1,985) in AY 2012-13	Entering students attending First-Year Experience courses is up by 15% from AY 2010-11.	○ ◆	
l	Total degrees awarded by level.	Degrees extract	Within 5% of approved projections (SCHEV 2B), per proposed IPS measure #2	5,921 Assoc./Bach. 1,470 Masters 479 Doctoral 93 Professional 7,963 Total in AY12-13	Three-year trend is down for undergradutes, up for masters and doctoral students, and level for professional students.	<u> </u>	
	Underrepresented students entering the freshman class.	Fall census files	Improve on the Fall 2011 baseline	612 in Fall 2013	Entering underrepresented freshmen is up by 34 students from Fall 2011.		
Learning	Degrees awarded to underrepresented students by level.	Degrees extract and student census file	Improve on the AY11-12 baseline	546 Assoc./Bach. 131 Masters 33 Doctoral 710 Total in AY12-13	Three-year trend is up for both undergraduate and graduate underrepresented students.	•	
	Graduate enrollment.	Fall census files	Grow by 1,000 additional graduate students over the Fall 2011 baseline	3,704 Masters 3,019 Doctoral 448 Professional 7,171 Total in Fall 2013	Three-year trend for masters enrollment shows decline, doctoral enrollments are level, and professional student enrollments are up.	•	
	STEM-H degrees awarded.	Degrees extract	Increase STEM-H enrollments by 3% annually	3,387 Assoc./Bach. 920 Masters 376 Doctoral 93 Professional 4,776 Total in AY12-13	Three-year trend is up for all levels of STEM degrees awarded.	•	
	Student credit hours taught in special sessions.	Course files	Increase special session enrollments by 3% annually	42,684 SCHs in Summer 2013	Three-year trend for enrollments in special sessions shows slight growth.	•	
	Percent of graduating undergraduates who participated in virtual and/or technology assisted courses.	Degrees extract and course history files - linked to credit bearing activities.	100% of graduating undergraduates.	82.2% (4,544) in AY12-13	Three-year trend is slightly up for graduating undergraduate participation in virtual courses.	○ ◆	
	Total expenditures in grants and contracts by research domain.	As reported annually to the National Science Foundation	\$680M in annual research expenditures by 2018	\$454.4M in FY 2011-12	NSF reported expenditures up 12.4% from \$398.2M in FY2009-10.	•	
Discovery	Count and average value of sponsored awards.	As reported in Sponsored Programs datawarehouse dashboard	Average 4% annual growth in number of awards and 5.75% annual growth in average dollar value of awards	2,272 Awards \$119,327 Avg Value in FY 2012-13	Number of awards is down by 2.5%, but the average value of awards is up by 1.7% from FY2010-11.	○ ◆	
Dis	Faculty arts and humanities awards, fellowships and memberships.	Websites of awards providers; list of awards from AAU	60 awards from the AAU list and other select prestigious awards	43 Awards in FY2012-13	Three-year trend for faculty awards, memberships, and fellowships is mixed.	○ ◆	
	Number of post-doctoral appointments reported to National Science Foundation.	As reported annually to the National Science Foundation	Increase by 51% to 317 total positions by 2018	232 in Fall 2013	Three-year trend for post doctoral appointments is up.	•	
	Industry-funded research expenditures reported to the National Science Foundation.	As reported annually to the National Science Foundation	100% increase between FY2010- 11 and FY2017-18	\$25.1M in FY 2011-12	Industry-funded research expenditures up by 17.9% from \$21.3M in FY 2009-10.	○ ◆	
Engagement	Number of graduating undergraduates who have participated in a study abroad experience or foreign language course.	Degrees extracts and course history files	60% of graduating undergraduates.	1,394 (25.2%) Foreign Language 1,454 (26.3%) Study Abroad 2,275 (41.2%) Either in AY 2012-13	Foreign language study count is up by 4% and study aboad count is up by 25.5% from AY 2010-11.	•	
	Undergraduate participation in service learning and experiential programs.	Service learning course list provided by the Service Learning Center with enrollments from course files; experiential programs comes from course files	3% annual increase on the FY11- 12 baseline through FY17-18	3,192 Service Learning 9,062 Experiential Learning in AY 2012-13	Service learning count is down by 23.8% and experiential learning count remains level from AY 2010-11.	••	



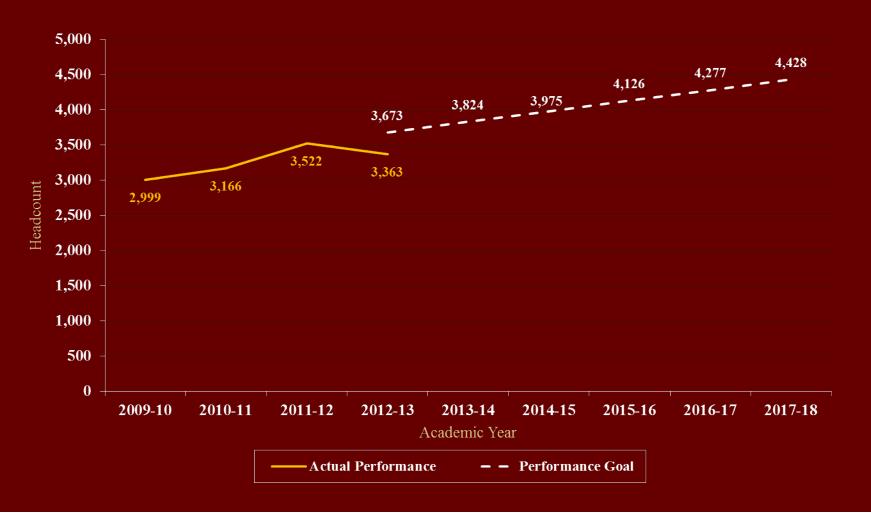
		College Three-Year Trend			University					
	MEASURE(S)	1	2	3	4	5	6	7	8	Scorecard
	Number of graduating undergraduates who participated in research experiences		•	Not Applicable	0	0	•	0	0	<u> </u>
	Percent of entering students who attended First-Year Experience courses	0	0	Not Applicable	0	0	0	0	0	0
	Total degrees awarded by level	0	0	0	0	0		•		0
60	Underrepresented students entering the freshman class	0	0	Not Applicable		0		0	0	
Learning	Degrees awarded to underrepresented students	0	0		0	0		0	0	0
	Graduate enrollment	•	0		0	0		•	0	0
	STEM-H degrees awarded	•	0		0	0		0		
	Student credit hours taught in special sessions	0	0	Not Applicable	0	•		0	0	
	Percent of graduating undergraduates who participated in virtual and/or technology assisted courses	•	0	Not Applicable	•	•	0	•	•	•
	Total research expenses reported to the National Science Foundation (NSF)	0	0	0	0	0	•	0	0	
Discovery	Count and average value of sponsored awards	0	•		0	0	0	0		0
Disco	Faculty arts and humanities awards, fellowships and memberships.	0	0	0		0	•	0	0	0
	Number of post-doctoral appointments reported to National Science Foundation	•	0			0	•	0	0	
t t	Industry-funded research expenditures reported to NSF	•	0	0	0	0	0	•		
Engagement	Number of graduating undergraduates who have participated in a study abroad experience or foreign language course	0	•	Not Applicable	0	0	0	0	0	•
ū	Undergraduate participation in service learning and experiential programs	•	0	Not Applicable	0	0	0	0	0	•



Learning

The number of graduating undergraduates who participated in research experiences

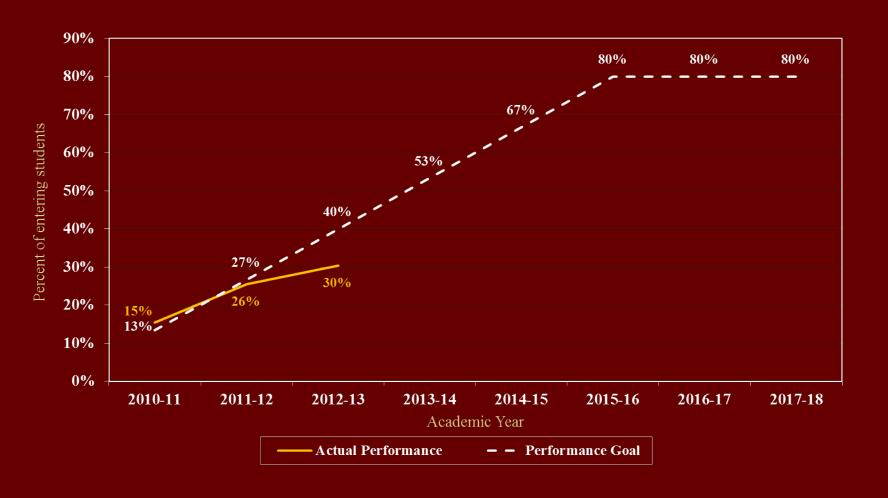






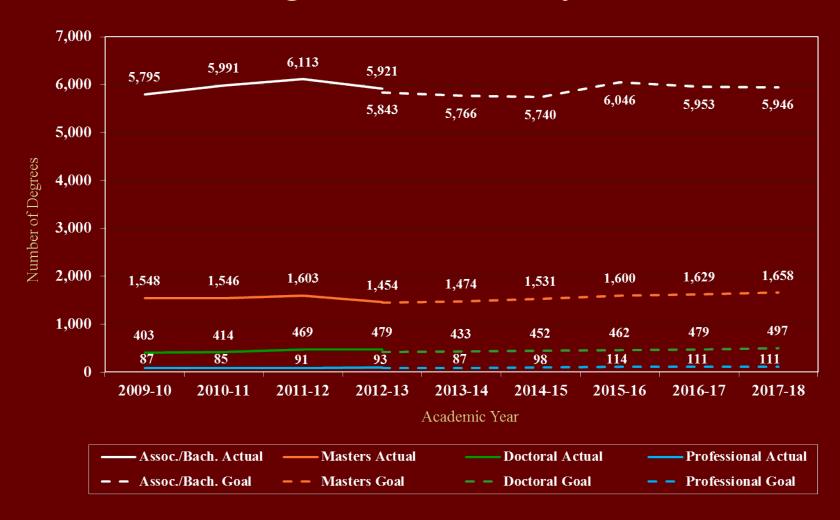
Percent of entering students attending First-Year Experience courses





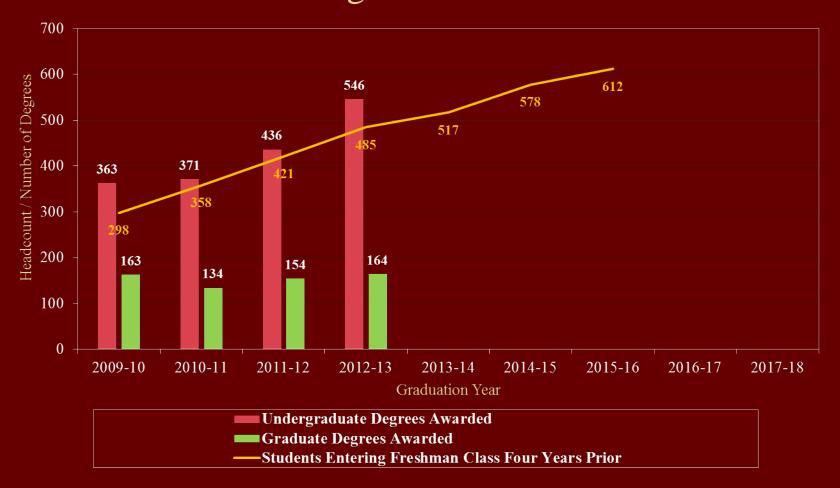


Total degrees awarded by level





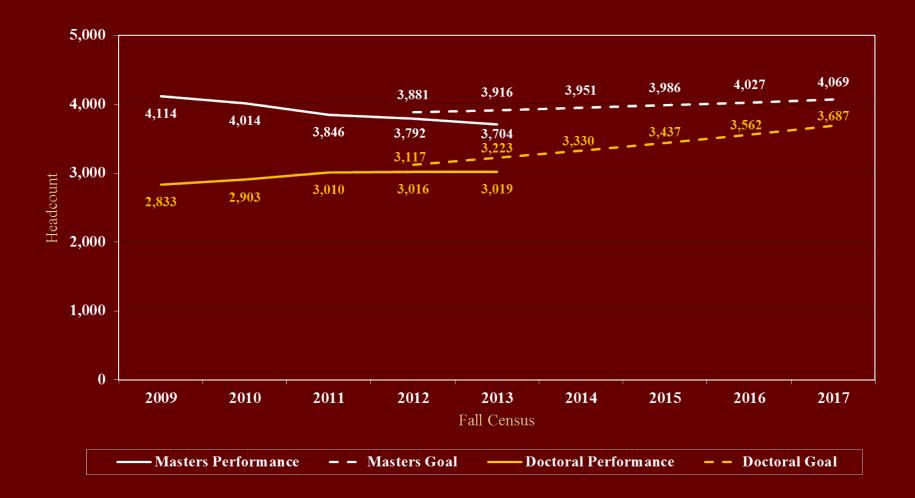
Underrepresented students entering the freshman class and degrees awarded





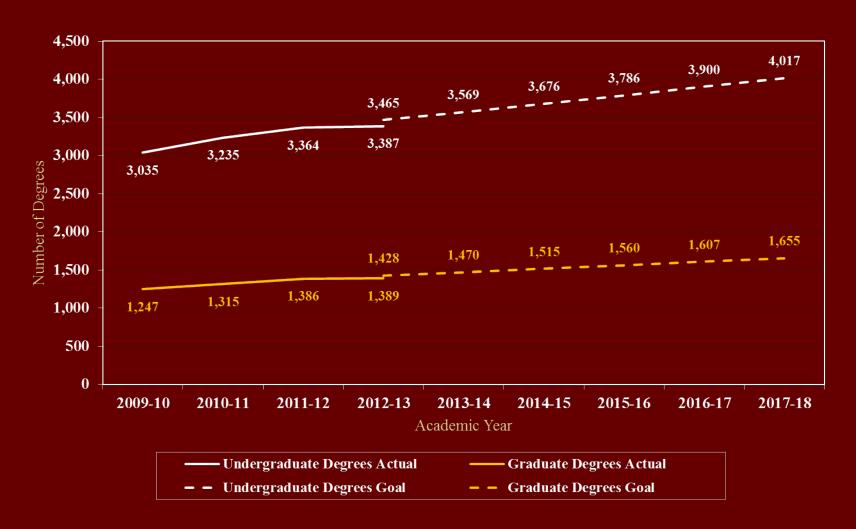
Graduate enrollment







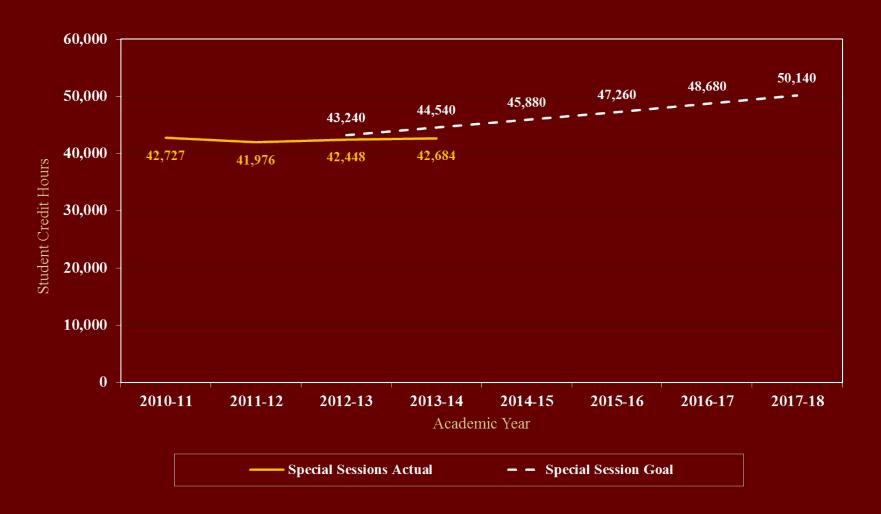
STEM-H degrees awarded







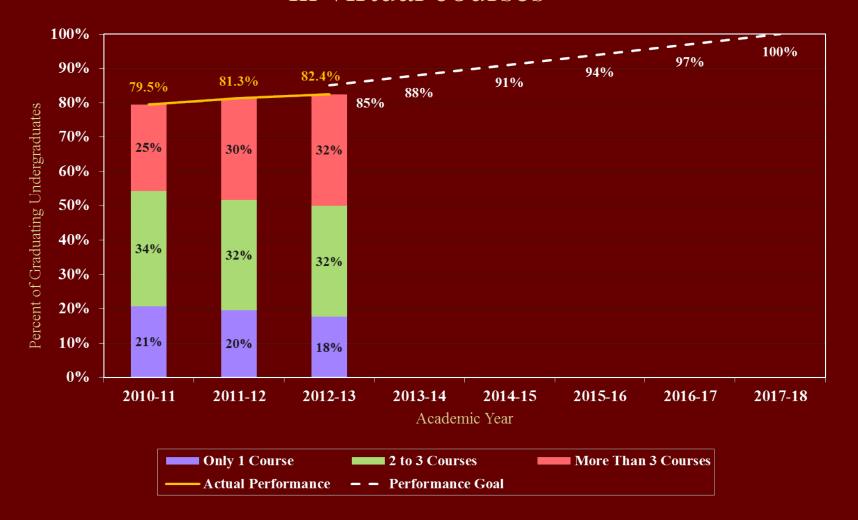
Student credit hours taught in special sessions





Percent of graduating undergraduates who participated •• in virtual courses



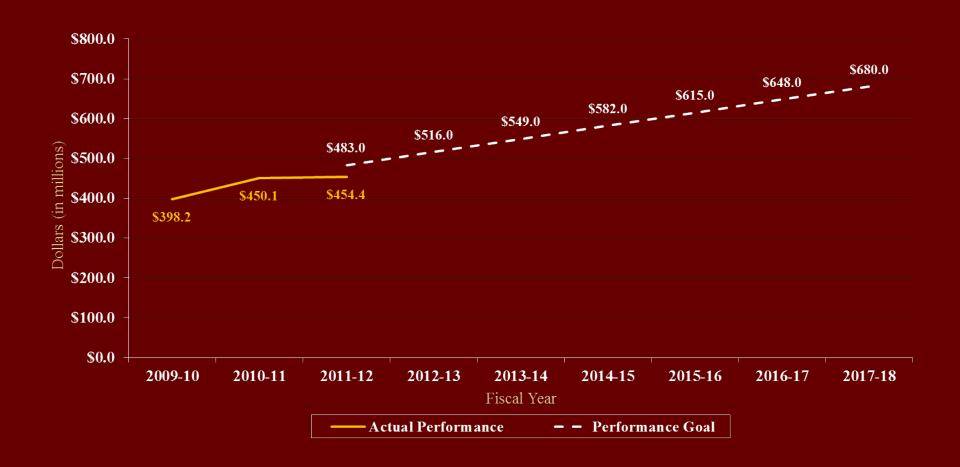




Discovery

Total research expenditures reported to the National Science Foundation (NSF)

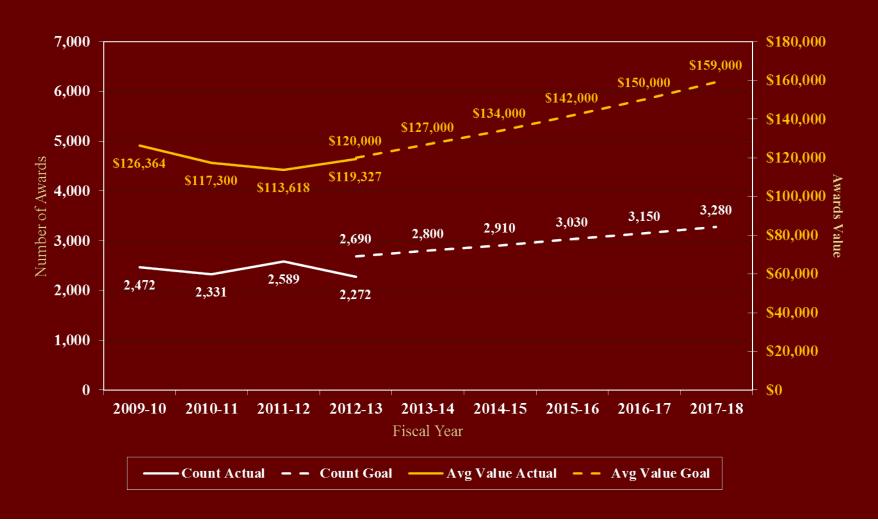






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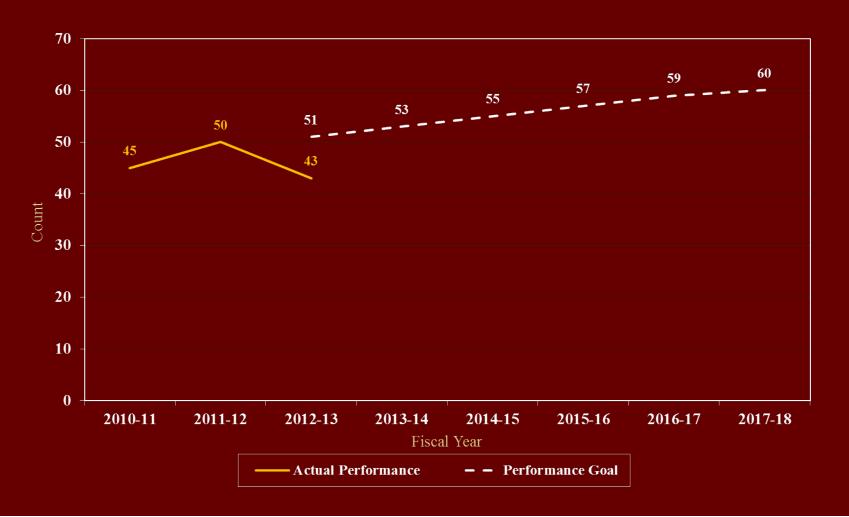
Count and average value of sponsored awards





Faculty arts and humanities awards, fellowships and memberships

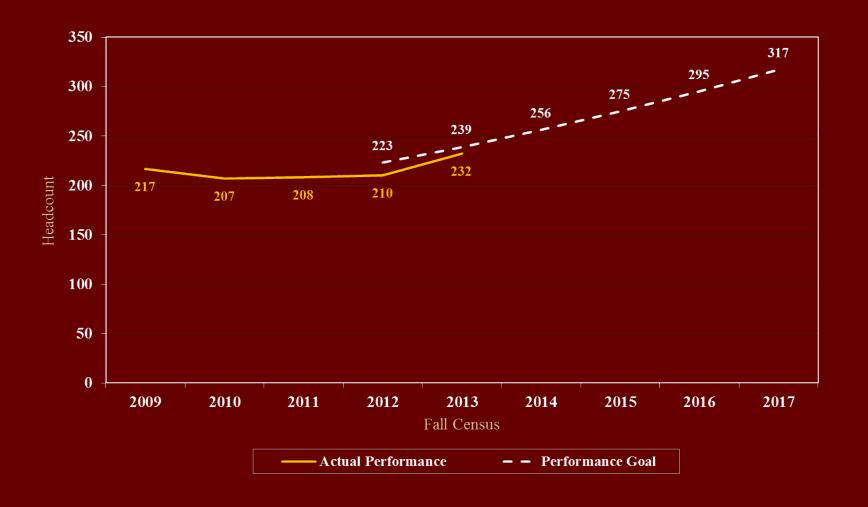






Number of post-doctoral appointments reported to the National Science Foundation



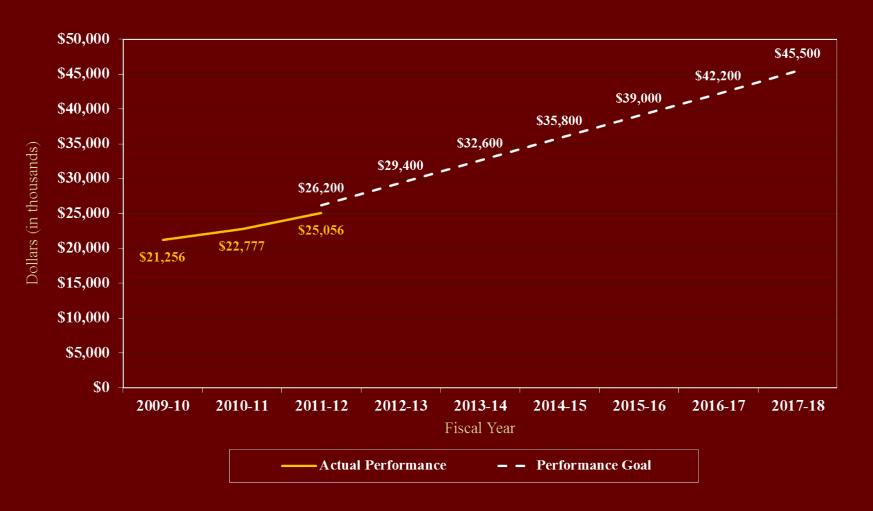




Engagement

Industry funded research expenditures reported to the National Science Foundation

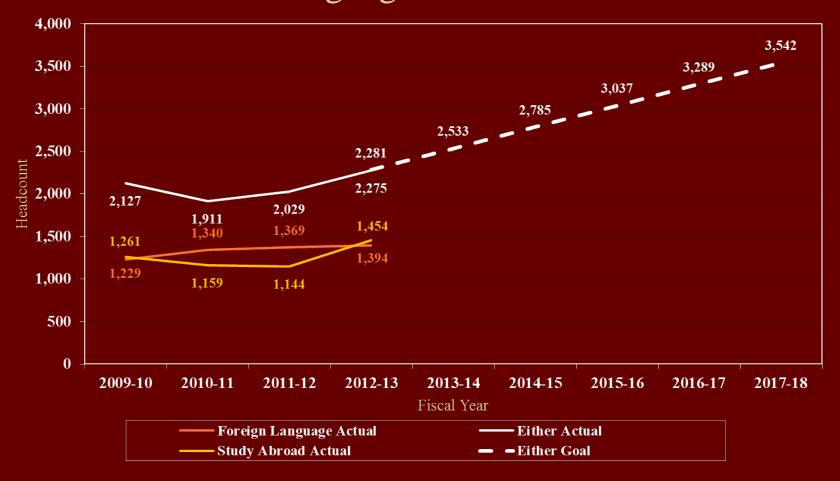






Number of graduating undergraduates who have participated in a study abroad experience or foreign language course.

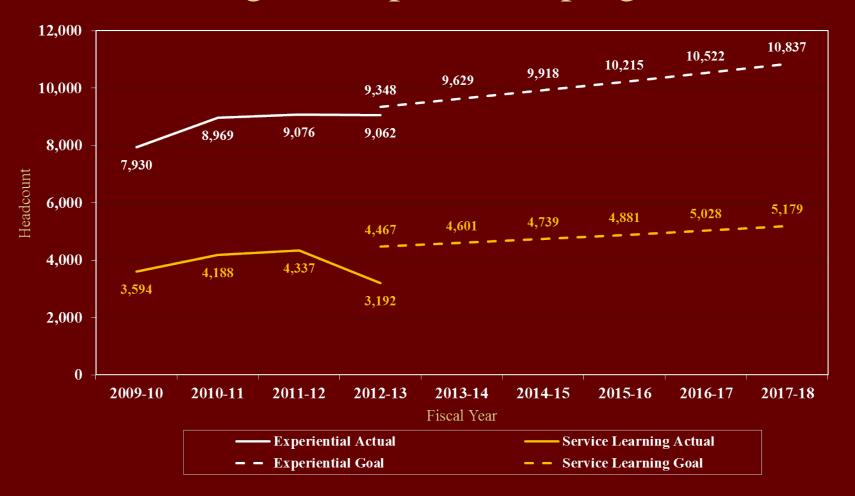






Undergraduate participation in service learning and experiential programs







Indicators Supporting Foundation Strategies:

Organizational Development

Campus Infrastructure

Resource Development



Scorecard Indicators Key



Performance is improving annually.



Performance is level or mixed.



There is a moderate or periodic decrease in performance where ongoing improvement was expected.



Foundation Strategies Scorecard

Scorecard - Plan for a New Horizon 2012-2018 Foundation Strategies

Measure	Metric Definition and Information Source(s)	Target	2011	2012	2013	Perform Toward
Expenditures with SWaM suppliers	Actual expenditures as measured by percentage of annual goal achieved; this is not a static measure, as expenditures increase, achieving the same percentage increases dollars flowing to SWaM suppliers.		92.0%	94.7%	106.0%	
Management's timely response to Internal Audit Comments	Actual performance in implementing internal audit recommendations by the original target date	95%	96.0%	98.0%	100.0%	
Composition of faculty	Percentage of underrepresented full-time faculty (snapshot data as of September 30, underrepresented Tenure & Tenure-Track faculty numbers do not include those self-identifying as Asian).		6.9%	7.1%	7.2%	
Composition of staff	Percentage of underrepresented classified staff (snapshot data as of September 30)	No Target	7.1%	7.7%	8.04%	Т
Classroom Utilization Rate (measured biennially)	The utilization rate reflects an overall use of campus "stations" or seats in rooms by the ratio of seats occupied to total seats available.	60%	-	69.9%		Ť
Classroom Laboratory Utilization Rate (measured biennially)	measured biennially) The utilization rate reflects an overall use of campus "stations" or seats in rooms by the ratio of seats occupied to total seats available.				*)	t
Police Department Average Emergency Response Time	The response time is measured from the time the Communications Officer dispatches the call until the officer arrives on scene	< 3 min	× 3 min	< 3 min	< 3 min	t
Compliance with Best Practices of Virginia Crime Commission	This measures tracks the level of compliance with all applicable Best Practices recommended by the Virginia Crime Commission and mandated by SCHEV		98.00%	96.00%	96.00%	t
E-Commerce transactions Number of electronic payments as a percentage of total non-payroll disbursements		60%	61.00%	62.76%	64.41%	t
	Number of electronic cash recepts versus traditional receipts - Increase in the number of cash receipts received through electronic methods versus traditional methods	85%	87.56%	89.69%	89.90%	t
Dollar volume of rebates earned through the virtual card	Growth in dollar volume of rebates earned through the virtual card.	\$450,000 / calendar year	\$40,501	\$266,207	\$377,975	t
Administrative Cost Efficiency as compared to peer institutions	Delta Cost Study methodology uses IPEDS data to compute Academic Support and Institutional Support costs (loaded with O&M)) per studen FTE. A rank of #1 represents the most efficient. Data is generally one or more fiscal years behind. The most recent ranking will be reported.	Top 5 of peer institutions	2nd	3rd	2nd	T
Progress of faculty salaries towards 60th percentile of SCHEV peers	SCHEV methodology of computing the percentile rank of the university's Authorized Salary Level as compared with peer institutions	60%	27%	25%	20.0%	Ħ
Funding of Base Budget Adequacy (BBA)	Actual funding as compared to Commonwealth Base Budget Adequacy Calculated need	Eliminate BBA funding shortfall	(\$46,667,104)	(\$31,741,172)	(\$25,529,448)	t
Increase in institutionally generated financial aid resources	Incremental institutional support for undergraduate financial aid from the following sources: unfunded, institutionally-controlled hard dollar resources and general fund support		\$2,291,658	\$799,398	\$842,841	t
Increase maintenance reserve support to maximize useful life of facilities	useful We of facilities Incremental increase in maintenance reserve funding		\$988,635	\$983,610	\$353,204	t
University debt ratio	The university's actual annual debt service as a percent of its total operating expenses	= or < 5%	3.48%	3.67%	3.82%	t
University debt rating	Debt Rating as provided by Moody's and S&P	Rating in the AA-range by at least two rating agencies	Moody's Aa1 S&P.AA	Moody's: Aa1 S&P:AA	Moodys: Aa1 S8P:AA	T
Central funding of research computing	The university will centrally commit funding for the investment in research computing, enabling expanded computational science based research. The investment will be calculated as a percentage of the annual externally funded research expenditures for the previous year.	3 - 5%1	3.31%	3 30%	3.07%	T
Endowment Market Value	The market value of endowment assets managed by the Virginia Tech Foundation	Outperforming endowment policy benchmark over a 3, 5, and 10-year rolling period	\$800 6M	\$594.8M	\$680M	
VT Foundation Assets	The growth in VT Foundation assets.	Growth	\$1.158	\$1.2B	\$1.3B	T
Annual Fundraising total (cash flow) at face value	Annual Cash flow is the total amount of gifts (cash and non-cash) received for the fiscal year, including irrevocable deferred gifts reported at face value, this amount includes pleage payments, but does not include outstanding pleage balances or bequest expectancies.	5% above previous year	\$92.2M	\$76.2M	M065	T

Notes

The recommendation of the University High Performance Computing Committee in 2009 was to increase this investment to 3-9%. The actual dollar amount for FY13 was \$8,003

Performance is improving annually

Performance is level or mixed

Performance is declining

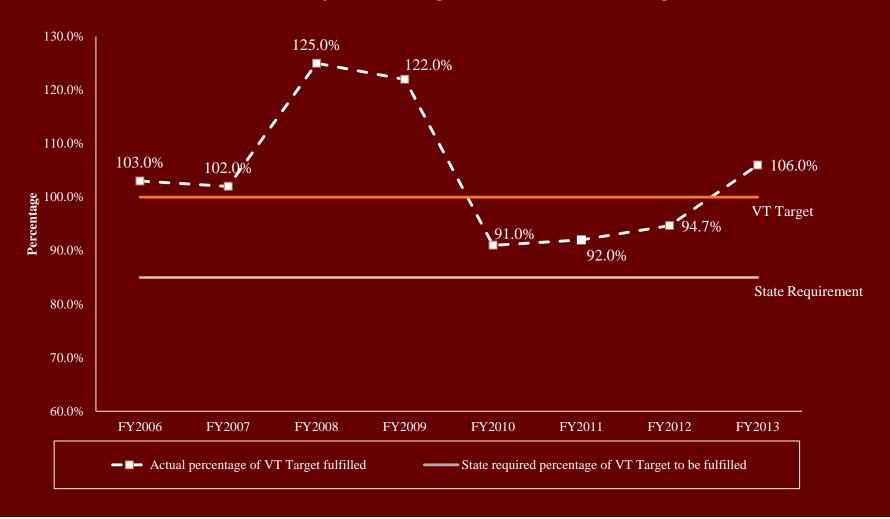
Indicators for Organizational Development

- Expenditures with SWaM suppliers as measured by percentage of annual goal achieved
- Management's timely response to Internal Audit Comments
- Workforce Composition of Staff: Snapshot census data as of September 30
- Workforce Composition of Faculty: Snapshot census data as of September 30



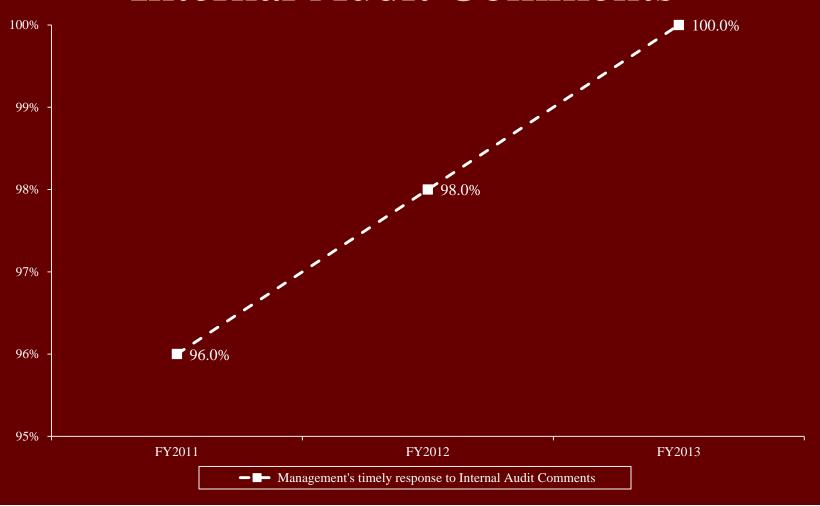
Expenditures with SWAM Suppliers

as Measured by Percentage of Annual VT Target



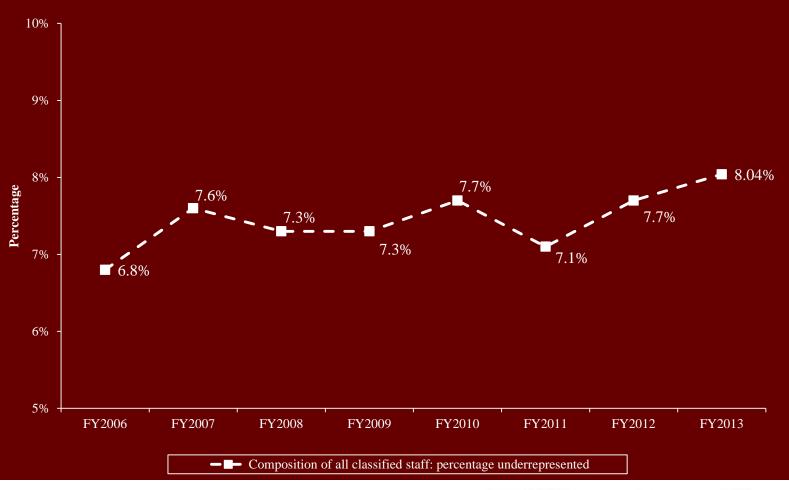


Management's Timely Response to Internal Audit Comments



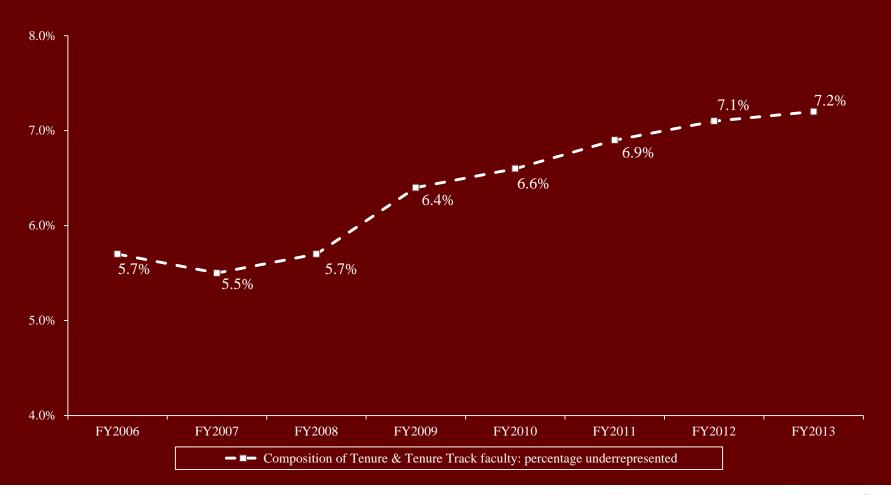


Trends Among Underrepresented Staff





Trends Among Underrepresented Tenure & Tenure-Track Faculty



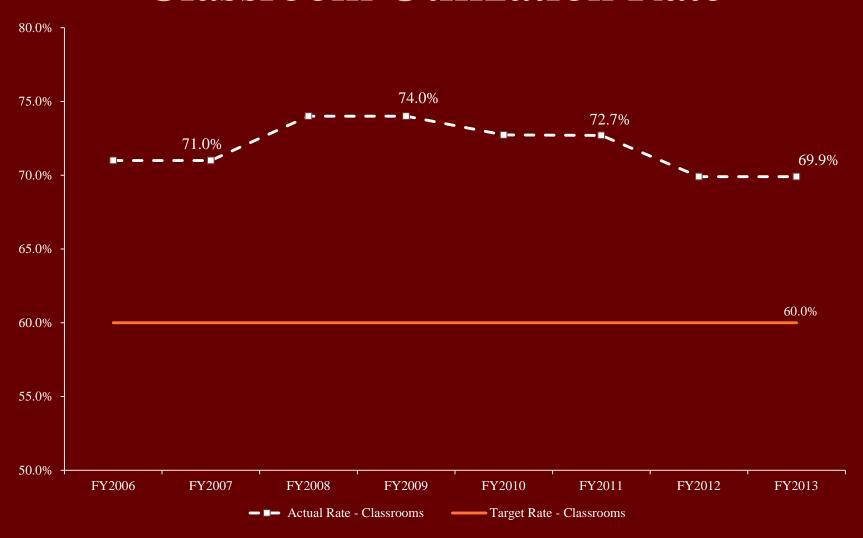


Indicators for Efficiency, Cost Containment, & Infrastructure

- Classroom Utilization Rate
- Classroom Laboratory Utilization Rate
- E-Commerce Transactions
- Dollar Volume of Rebates earned through the virtual card
- Administrative Cost Efficiency

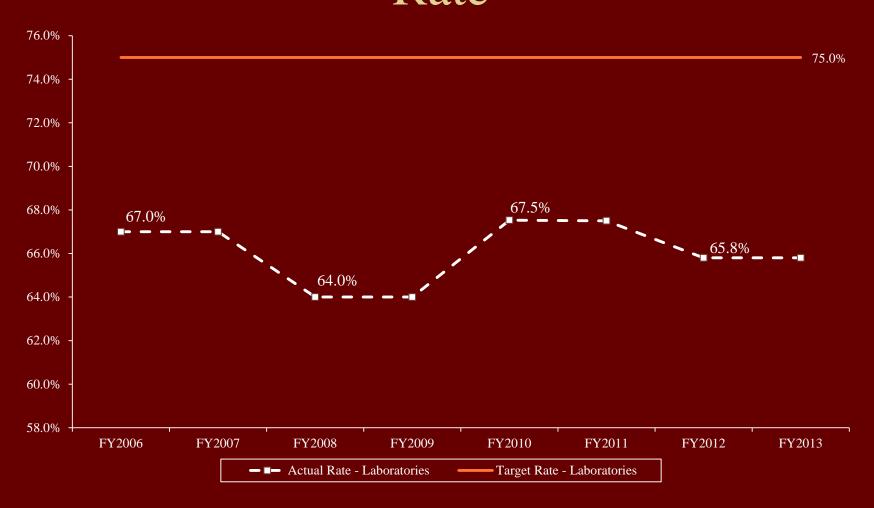


Classroom Utilization Rate



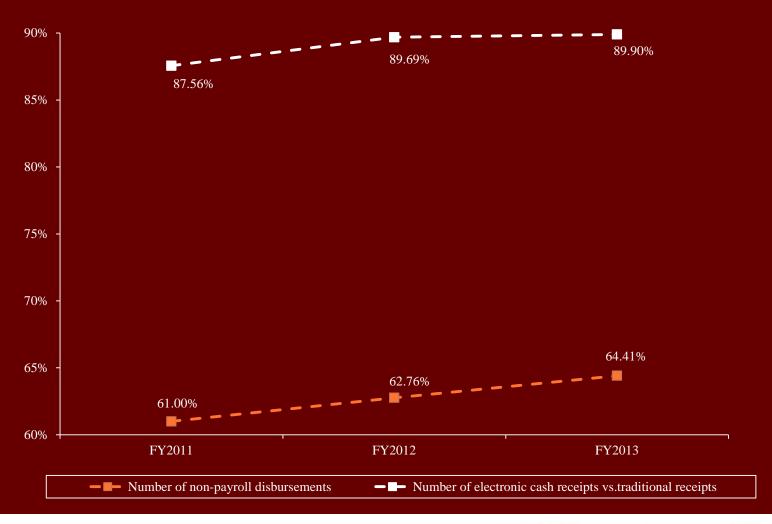


Classroom Laboratory Utilization Rate



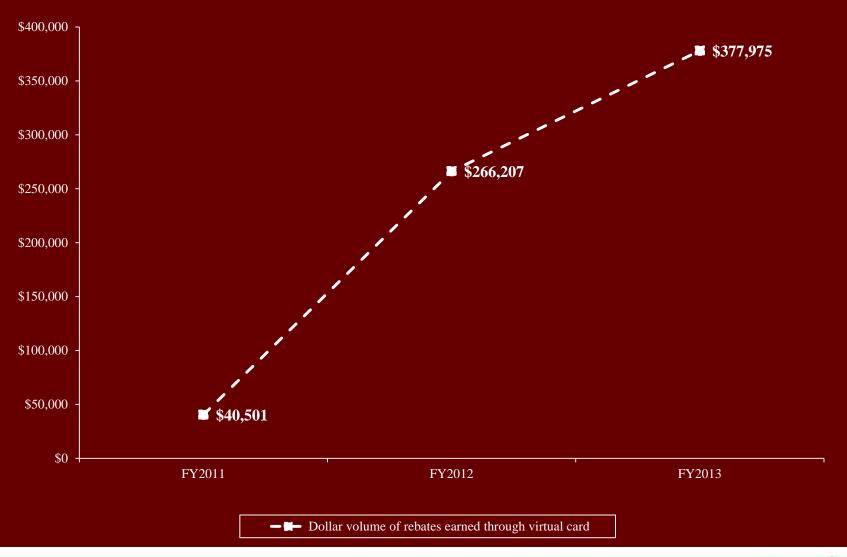


E-Commerce Transactions





Dollar Volume of Rebates





Administrative Cost Efficiency as compared to Peer Institutions





Other Indicators for Campus Infrastructure

- Police Department Average Response Time
- Compliance with Best Practices of Virginia
 Crime Commission

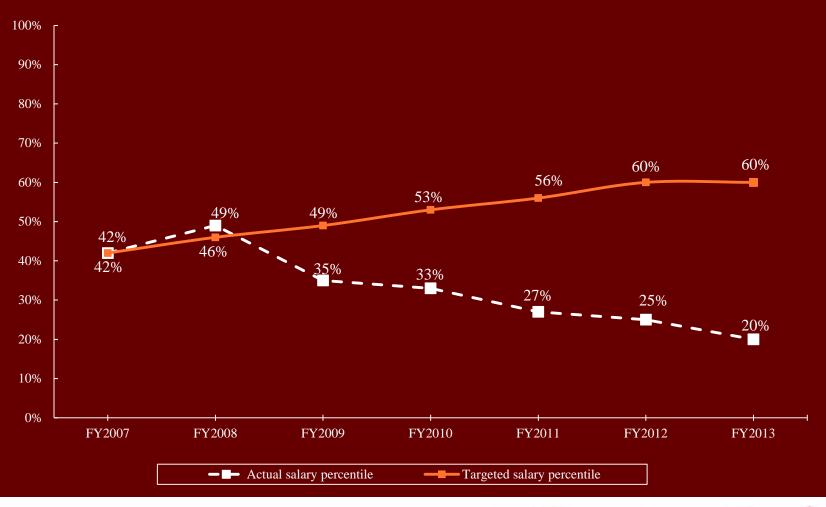


Indicators for Resource Development

- Progress of Faculty Salaries
- Funding of Base Budget Adequacy

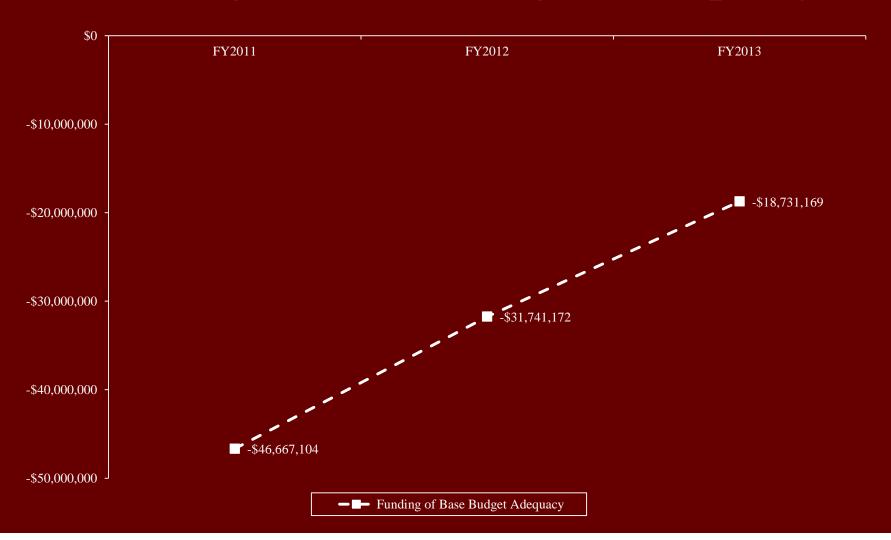


Progress of faculty salaries towards 60th percentile of SCHEV peers





Funding of Base Budget Adequacy



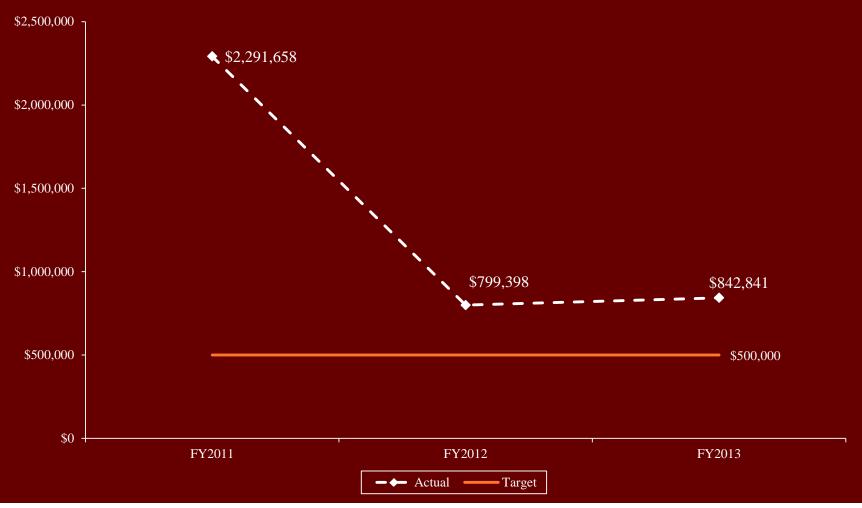


Indicators for Resource Development

- Increase in Undergraduate Financial Aid Resources
- Maintenance Reserve Support
- University debt ratio
- Central funding of research computing

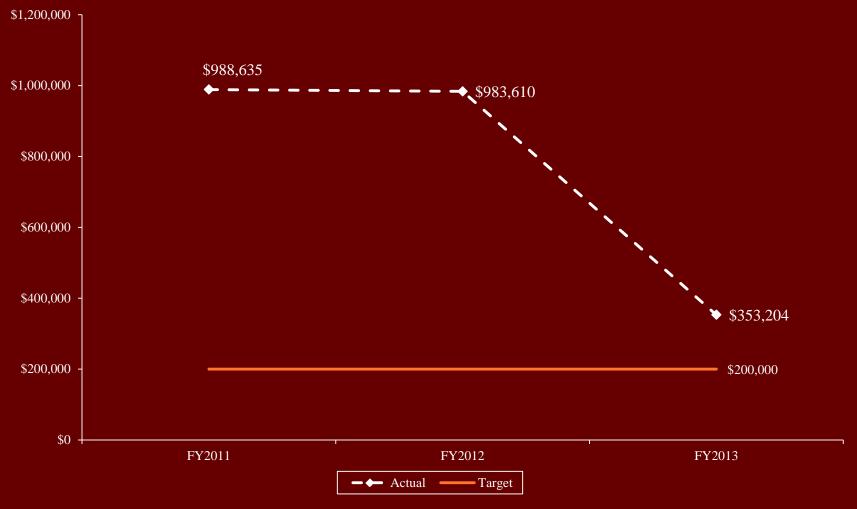


Increase in Undergraduate Financial Aid Resources



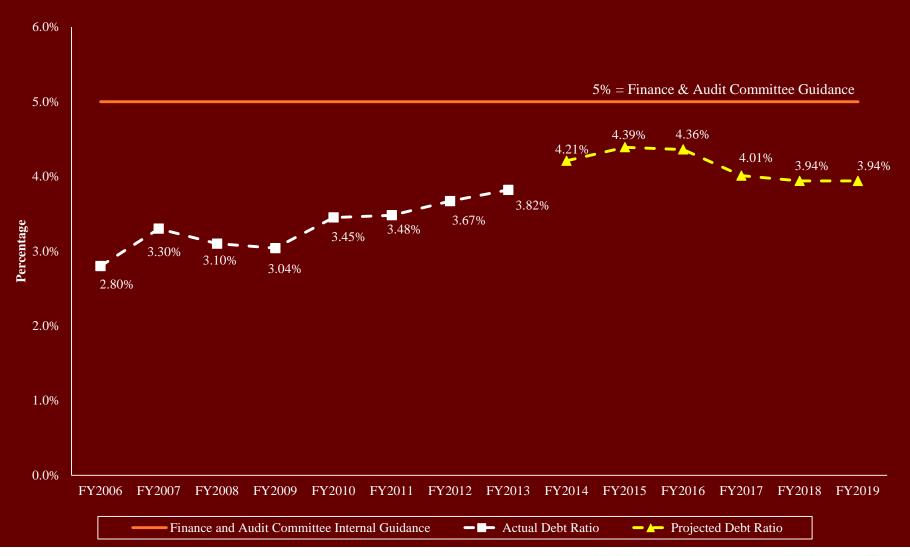


Maintenance Reserve Support: Auxiliaries





University Debt Ratio





University Debt Rating

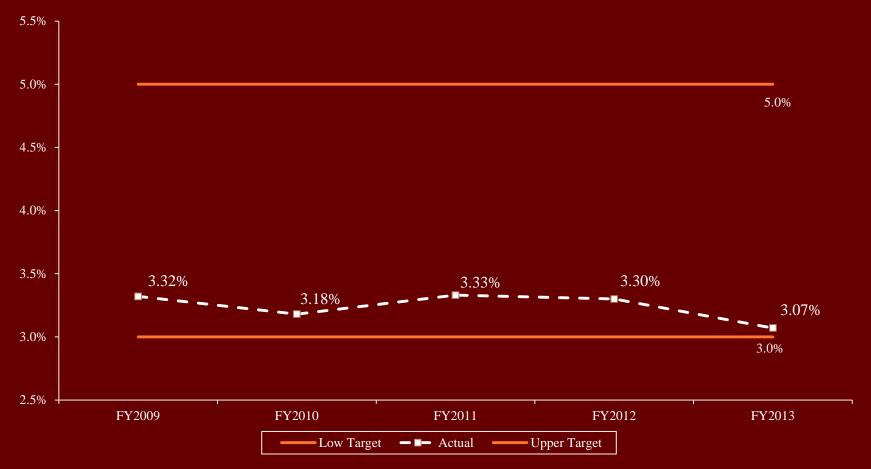
Aaa	AAA	Aaa	AAA	Aaa	AAA
Aa1	AA+	Aa1	AA+	Aa1	AA +
Aa2	AA	Aa2	AA	Aa2	AA
Aa3	AA-	Aa3	AA-	Aa3	AA-
A1	A+	A1	<u>A</u> +	A1	<u>A</u> +
A2	A	A2	<u>A</u>	A2	A
A3	A-	A3	<u>A-</u>	A3	A-
Baa1	BBB+	Baa1	BBB+	Baa1	BBB+
Baa2	BBB	Baa2	BBB	Baa2	BBB
Baa3	BBB-	Baa3	BBB-	Baa3	BBB-
MOODY'S	S&P	MOODY'S	S&P	MOODY'S	S&P
2011		2012		2013	

VT's Rating

Restructuring requirement



Central Funding of Research Computing



Actual FY13 dollar amount = \$8,003,565 (\$2,719,096 Budget Office allocation and \$5,284,469 additional IT support)

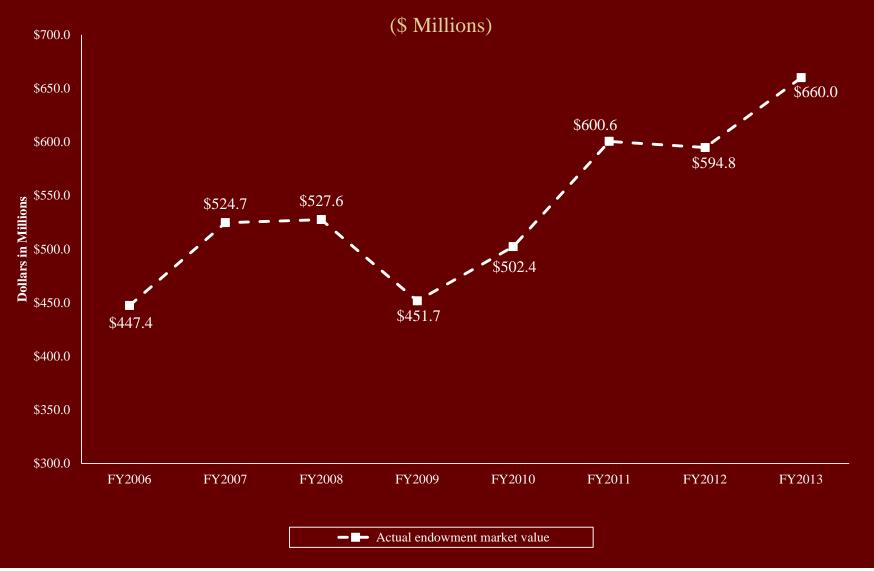


Measures for Effective Resource Development

- Endowment Market Value
- VT Foundation Assets
- Annual Fundraising total (cash flow) at face value



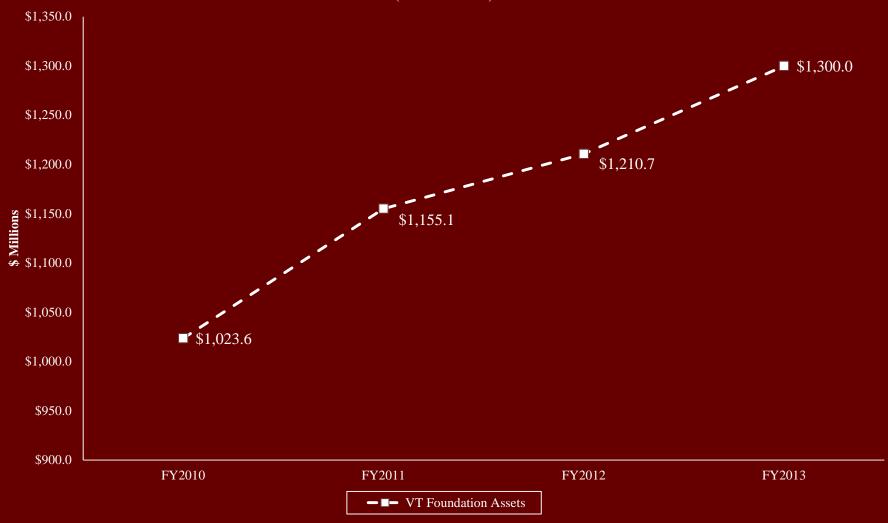
Endowment Market Value





VT Foundation Assets

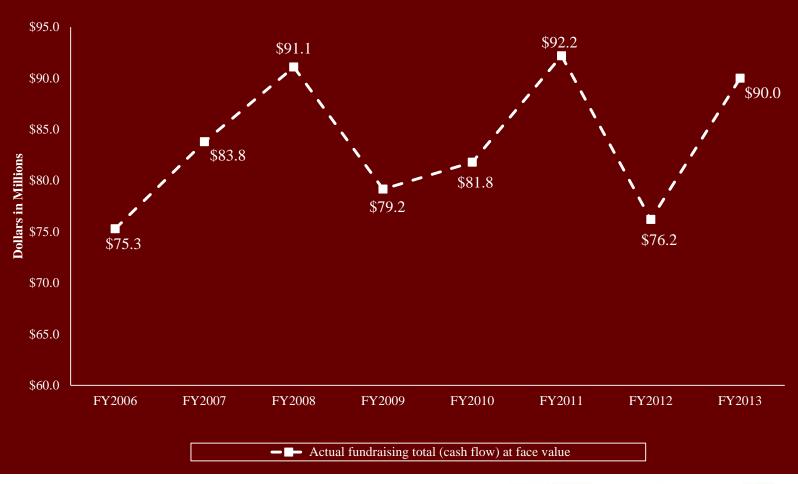
(\$ Millions)





Annual Fund Raising (cash flow) at Face Value

(\$ Millions)





Questions?







Update on JLARC Study on Higher Education Cost Efficiency

M. Dwight Shelton, Jr.

Vice President for Finance and CFO

November 17, 2013



JLARC Study: Overview

The 2012 General Assembly directed the Joint Legislative Audit and Review Commission (JLARC) to:

- conduct a study on cost efficiency of the Virginia public higher education institutions
- identify opportunities to reduce the cost of public higher education in Virginia.



JLARC Study: Overview

The resolution identified 14 areas to consider including:

- academic factors: teaching load and faculty productivity, impact of faculty research on tuition, incentives created by existing faculty compensation models, etc.
- non-academic factors: administrative staffing and costs, operation of enterprise activities, etc.
- Expected to be completed by November 30, 2014



JLARC Study: Reports

	Report	Issue Date
1.	Trends in Higher Education Funding, Enrollment, and Student Costs	June 10, 2013 (Issued)
2.	Review of Non-Academic Services and Costs	September 9, 2013 (Issued)
3.	Review of Academic Cost and Efficiency	December 9, 2013
4.	Review of Administrative Efficiency	2014
5.	Strategies and Practices to Facilitate Efficient and Effective Public Higher Education in Virginia	2014



Review of Non-Academic Services and Costs

Scope of Study:

- Review impact of non-academic (auxiliary) services on tuition and mandatory fees
- Operation of auxiliary enterprise activities
- Revenue source and allocation
- Opportunities to reduce cost



Auxiliary Enterprises at Virginia Tech

Auxiliary Enterprises

 Separate self-supporting business units operated for the convenience of faculty, staff, and students

Revenue Sources

- Student fees
- Self-generated revenue

Required to be 100% Self-Supporting:

- Cover both direct and indirect costs
- No General Fund support and no tuition revenue
- Institutions can manage auxiliaries as a whole; however, athletics must stand on its own.
- Virginia Tech manages each auxiliary as a separate entity.



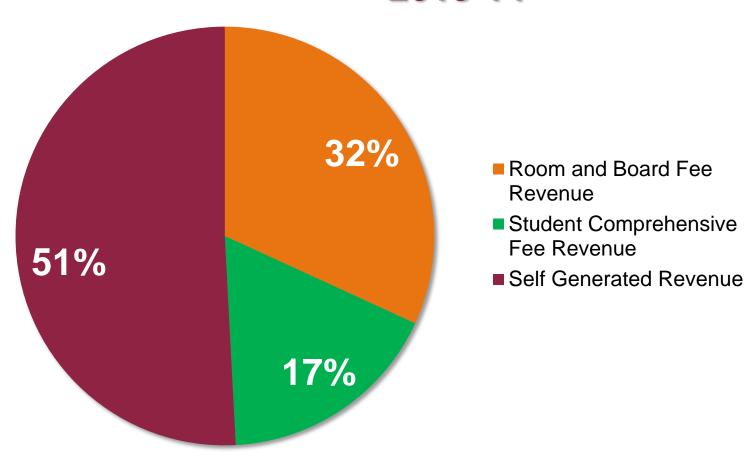
Auxiliary Enterprises at Virginia Tech

- Intercollegiate Athletics*
- Transit*
- Telecommunications*
- Student Health Services*
- Student Centers & Activities*
- Orientation*
- Career Services*
- Hokie Passport *
- Recreational Sports*

- Residential Programs*
- Dining Programs*
- Parking*
- Electric Service
- The Inn at Virginia Tech & Skelton Conference Center
- Tailor Shop
- Fleet Services
- Software Sales
- Licensing & Trademarks
- Printing Services

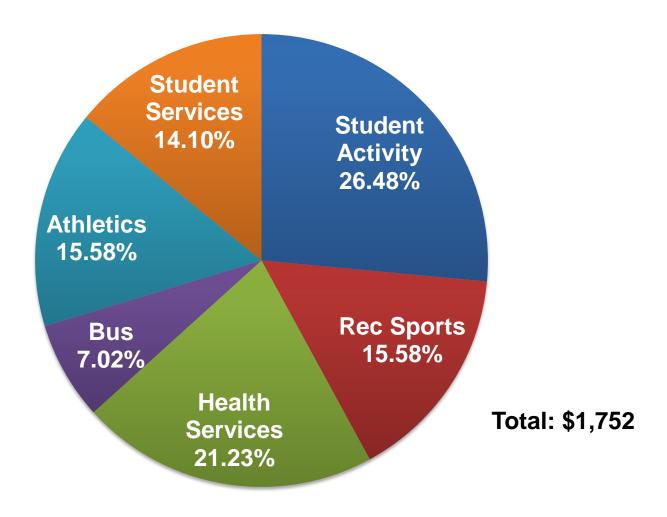


Auxiliary Enterprise Revenue Sources at Virginia Tech 2013-14





Comprehensive Fee Components at Virginia Tech





JLARC Review of Non-Academic Services and Costs: Auxiliary Enterprises

Report focused on five areas:

- I. Intercollegiate athletics
- II. Recreation & fitness centers
- III. Student housing
- IV. Student dining
- V. Debt Service for Auxiliary Enterprise Projects



I. Intercollegiate Athletics

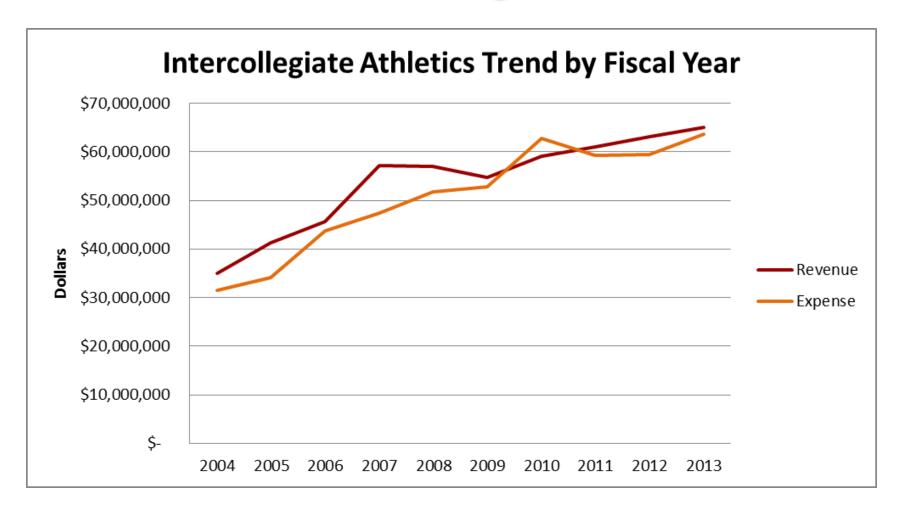


Intercollegiate Athletics at Virginia Tech

- 540 student athletes
- 21 intercollegiate sports
- Facilities
 - Tennis courts
 - Basketball coliseum/practice center
 - Aquatics center
 - Baseball and softball fields
 - Indoor and outdoor track complexes
 - Football stadium/locker rooms
 - Cross country course
 - Golf course
 - Soccer fields
 - Wrestling practice facility/locker room
 - Olympic sports weight room



Intercollegiate Athletics at Virginia Tech





Intercollegiate Athletics

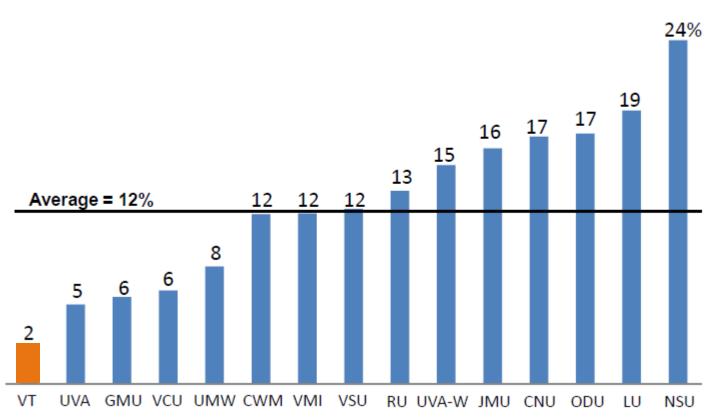
Highlights from report:

- State-wide, athletic programs do not generate enough revenue to cover their expenses. Most institutions depend heavily on mandatory student fees to subsidize programs.
- About 12 percent of tuition and fees is used for athletic programs, on average, but considerably more at certain institutions.



Intercollegiate Athletics: Fees

Mandatory Athletic-Related Fees Comprise an Average of 12% of Total Tuition and Fees (2012-13)

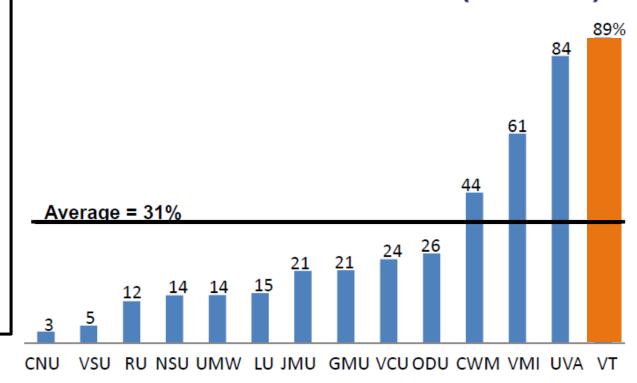




Intercollegiate Athletics: Revenues

No Virginia school generates enough athletic revenue to cover all its expenses without subsidies from student athletic fees, but the amount of generated revenue varies substantially by school.

Most Athletic Programs Generate Less Than Half of Total Revenue (2011-12)





Intercollegiate Athletics: Findings (1)

Institutions are not sufficiently transparent about mandatory fees, including the athletics fee.

- Athletic fee (or the athletic component of mandatory non-E&G fees) is <u>difficult to find on many school</u> <u>websites</u> or is not publicized at all.
- Students may not be fully aware of how much they pay in athletic-related mandatory student fees.



Intercollegiate Athletics: Recommendation (1)

Boards of Visitors should:

- Require their institution to <u>list the amount of</u> athletic fee on their website.
- Consider requiring institutions to <u>list the major</u> components of mandatory fees, including athletic fees, in a separate page attached to student invoices.



Intercollegiate Athletics: Recommendation (1)

The report specifically states:

"An exception to this lack of transparency is VT; the Bursar's Office provides a detailed listing of mandatory fees on its website. The university also itemizes each fee on student invoices, as opposed to charging one line for a "comprehensive fee."

This level of transparency could be emulated at other Virginia institutions."



Intercollegiate Athletics: Findings (2)

Institutions do not calculate and report components of fees using the same method, so fees are not always comparable between institutions.

- SCHEV's annual tuition and fee report provides information about components of mandatory non-E&G fees charged to students
- Comparisons across schools are problematic
 - -Some schools charge a separate debt service fee that includes auxiliary debt service
 - Other schools include athletics-related debt service in athletics fee.

VT does not have a separate debt service fee; debt service is incorporated into respective auxiliary unit fee.



Intercollegiate Athletics: Findings (2)

Lack of Comparability in Fees Across Schools

Institution	Mandatory Athletic-Related Fee	Athletic Fee as Published by SCHEV
LU	\$2,044	\$1,797
CNU	1,795	1,266
VMI	1,622	1,502
NSU	1,618	1,510
CWM	1,584	1,485
JMU	1,528	1,176
ODU	1,453	1,211
UVA-W	1,219	1,175
Average	1,185	1,027
RU	1,138	1,138
VSU	892	724
UMW	747	373
UVA	657	657
VCU	635	635
GMU	577	515
VT	267	267



Intercollegiate Athletics: Recommendation (2)

SCHEV should:

- Convene a <u>working group</u> of institution financial officers to create a standard way of calculating and publishing mandatory non-E&G fees, including for intercollegiate athletics.
- The group should <u>report its findings to the</u> <u>House Appropriations and Senate Finance</u> <u>Committees</u> by 2015 General Assembly.



Intercollegiate Athletics: Recommendation (2)

Virginia Tech Response:

VT believes its current practices represent best practices.

- VT is willing to participate and share the university's practices.
- Finance officers of higher education have offered to create a work group, and will engage with SCHEV and the State to come up with a proposal.



II. Student Recreation



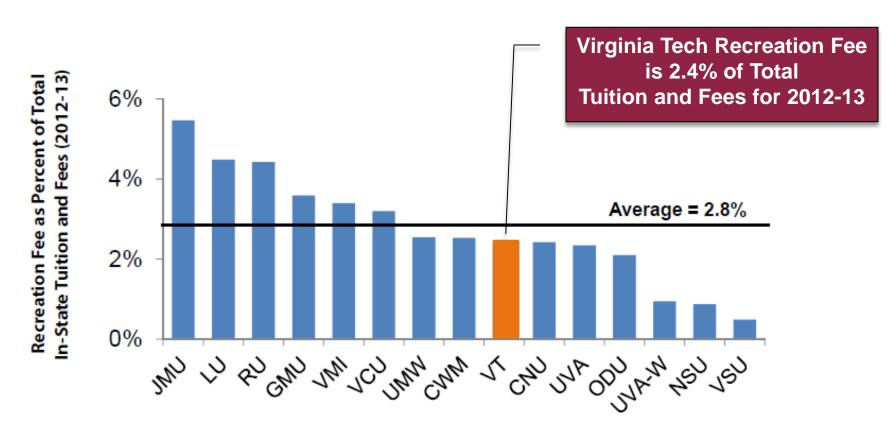
Student Recreation at Virginia Tech

- 29 Sports Club teams (organized by students)
- 29 Intramural Teams (organized by Recreational Sports)
- Group fitness classes
- Instruction (swimming, gymnastics, dance)
- Facilities:
 - 2 indoor swimming pools
 - Courts: basketball, volleyball, racquetball, squash, wallyball
 - Elevated jogging track
 - Fitness studios
 - Weight rooms
 - Sauna
 - Gymnastics room



Student Recreation

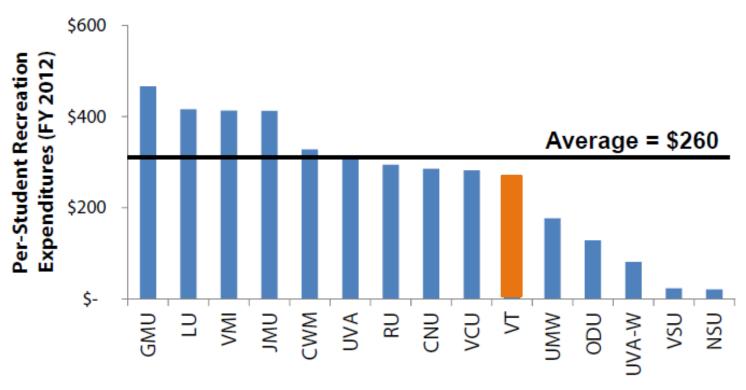
Recreation Fees Represent Average of 2.8% of Total Tuition and Fees (2012-13)





Student Recreation

Recreation Expenditures Per Student Vary Considerably By Institution

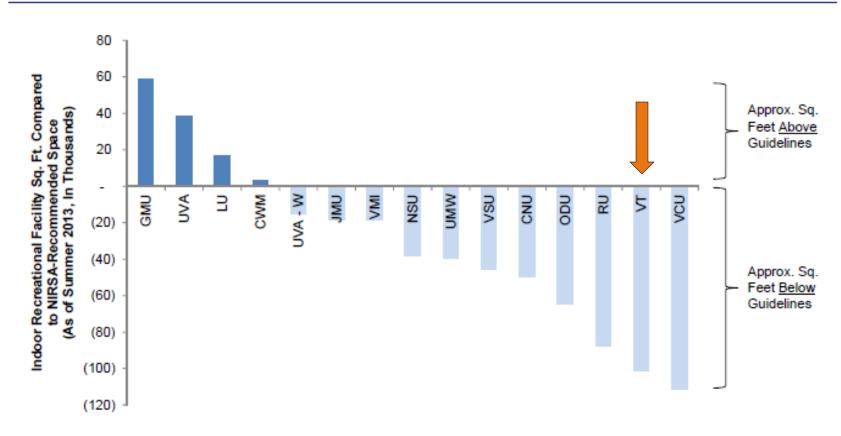


Note: Per-student figures include headcounts of all students enrolled in the institution (undergraduate, graduate, and first professional degree students) during the Fall semester of 2011.



Student Recreation

Figure 17: Most Virginia Institutions Are Currently Near or Below NIRSA-Recommended Indoor Recreation Space



Note: NIRSA guidelines were developed based on the median total square feet of indoor recreational space at 150 colleges and universities, ranging in enrollment from approximately 1,000 to over 50,000 students. VMI staff noted that they have no designated indoor recreation space, but provided an estimate to JLARC staff.



Student Recreation: Findings (3)

Highlights from report:

- Campus recreation spending varies across institutions and relies primarily on student fees.
- New recreation facilities have driven increases in recreation spending, but institutions remain below national median for indoor recreation space.
- Recreation facilities and services benefit students, staff, and the community.



Student Recreation: Recommendation (3)

Boards of Visitors should:

- Assess the feasibility and impact of raising additional revenue through campus recreation and fitness enterprises to reduce reliance on mandatory student fees.
- The assessments should address the feasibility and impact of raising additional revenue <u>through</u> <u>charging for specialized programs and services</u>, <u>expanding membership</u>, <u>and/or charging all users of</u> recreation facilities.



Student Recreation: Recommendation (3)

Virginia Tech Response:

- VT has expanded the use of the Student Recreation Center for faculty/staff use.
- Due to our location, VT has to be sensitive to the impact that implementation of the recommendation could have on local business community.



III. Student Housing



Student Housing at Virginia Tech

- Room & Board funded via user charges
- 9,300 students live on campus
 - All freshmen required to live on campus (with limited exceptions)
- 47 residence halls
 - 28 traditional
 - 19 special purpose (fraternity/sorority)
- Living-learning communities
 - Academic major learning communities
 - Enhanced-learning communities
 - Residential colleges
 - Themed housing



Student Housing

Highlights from report:

- 11 out of 15 institutions require at least freshmen students to live on campus
 - UMW, CNU, and VMI have multi-year requirements
 - GMU, VCU, ODU, and NSU have no requirement
- Student housing and dining account for nearly half the price of higher education for residential students. Virginia institutions charge about the same or less than other higher education institutions nationwide.



Student Housing

Highlights from report:

 Average charge for student housing increased more than average rent nationwide and about the same as in local markets.

 Despite the increases, on campus housing charges in Virginia are less than rent in local and national markets.



Student Housing

Highlights from report:

- Growth in housing charges attributable to several factors:
 - Construction & renovation of housing facilities
 - Student and parent demand for more features
 - Utility and labor costs
 - Student enrollment growth



IV. Student Dining



Student Dining at Virginia Tech

- 9 dining centers on campus.
- Approximately 18,500 dining plan holders with debit-style plans that can be used in any of the dining centers.
- Approximately 5,300 plan holders are new, incoming freshmen who are required to live on campus and have a meal plan.
- Serves approximately 7.1 million meals per year.
- Virginia Tech self-operates student dining services.



Highlights from report:

- About <u>45 percent of undergraduate students at</u> <u>Virginia's 15 higher education institutions are</u> <u>required to use student dining services</u>, on average.
- All but two of the 15 institutions have privatized their student dining services to one of four vendors.
- On average, <u>more than one-third of students</u> who are <u>not required to purchase dining plans still</u> <u>choose to do so anyway</u>.



Highlights from report:

- Student dining charges at public four-year institutions in Virginia increased more than price of meals out and slightly more than charges at other higher education institutions over the last decade, on average.
- Various factors have contributed to this rate of increase:
 - rising cost of food and labor
 - building new dining facilities to accommodate enrollment growth
 - accommodating expanding student dietary needs.



Report uses the following criteria to measure the attractiveness of dining services:

- Percentage of students who voluntarily purchase dining plans
- Estimated cost of each meal
- Student utilization of meals already purchased



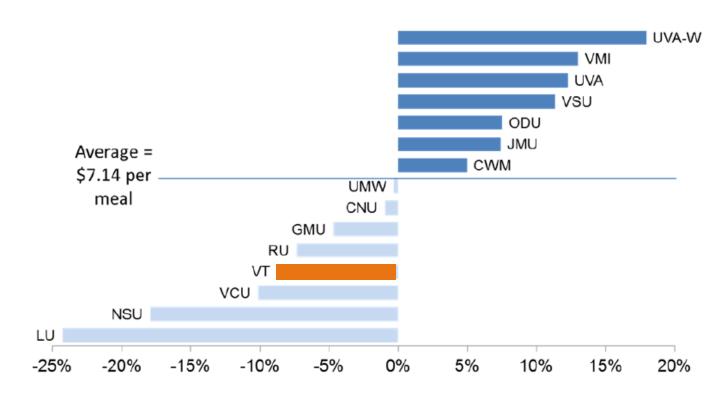
Table 21: Eight Institutions Exceeded Statewide Average for Percentage of Non-Residential Students Who Voluntarily Purchase Dining Plans (2012-13)

Institution	# Students Who Voluntarily Purchase Dining Plans	% Non-Residential Students Who Voluntarily Purchase Dining Plans
VT	11,055	76%
JMU	7,370	67
UMW	762	65
CWM	2,042	60
CNU	1,664	57
RU	2,162	42
UVA	4,387	41
LU	439	40
Average	2,870	39
VCU	6,011	38
VSU	316	15
UVA W	126	14
ODU	1,549	14
GMU	1,636	13
NSU	307	11
Total	40,180	

Note: VMI not shown because all students are required to purchase dining plans.



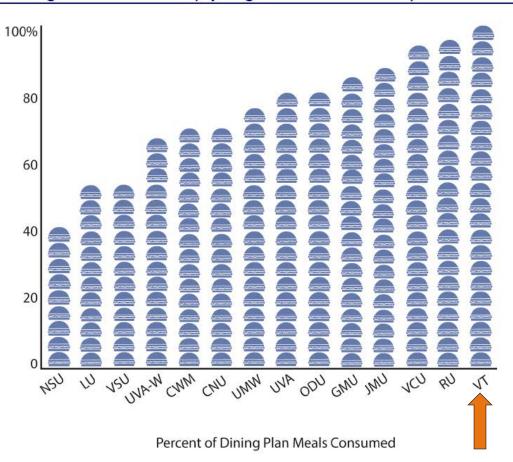
Figure 27: Eight Institutions Below Statewide Average Per-Meal Cost for 14 or 15 Meal-Per-Week Dining Plan (2012-13)

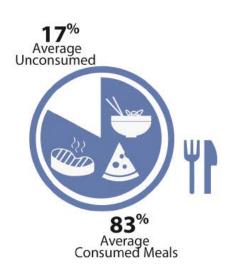


Note: Calculations reflect estimated cost of all meals, including meals not consumed. Assumption of 32 weeks in academic year 2012-13. "Dining dollars" or campus equivalent subtracted from calculations. Value for VMI reflects unlimited meal plan. Values for ODU, UMW, and VCU reflect block plans with between 225 and 250 meals per semester. Value for VT reflects average price per transaction for all transactions in 2012-13.



Figure 29: Students Consume Roughly Four Out of Five Meals, On Average, at Virginia Institutions (Spring Semester 2012-13)





Note: VMI is not included because staff do not track meal plan participation. VT reported an average meal utilization rate of 99.55 percent. Average percent of meals consumed across all institutions is weighted based on the number of students with dining plans at each institution.



Student Dining: Findings

Several institutions have high dining plan utilization and low estimated per-meal cost compared to statewide averages.

"In 2012-13, VT had the highest percentage of voluntary dining plan purchases, the highest meal utilization rate, and below average estimated per-meal costs compared to the averages among other public four-year institutions in Virginia."



V. Debt Service for Auxiliary Enterprise Projects



Debt at Virginia Tech

- VT has a proactive debt management program.
- VT issues debt to support all aspects of mission, including:
 - Instruction & Research
 - Auxiliary Enterprises
- Of the Auxiliary debt incurred:
 - Some affects student charges (e.g. dorms, rec sports)
 - Some does not (e.g. hotel, electric service)
- VT is sensitive to fee increases and ensuring cost-benefit.



Debt Service for Auxiliary Enterprise Projects

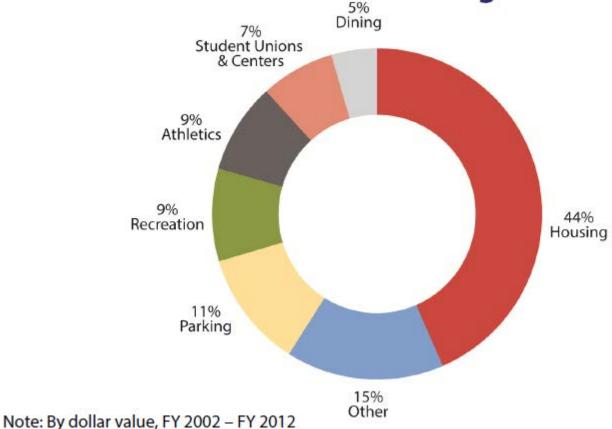
Highlights from report:

- Virginia's institutions have undertaken more than 200 auxiliary enterprise projects during the last decade using \$3.5 billion in bonds. Students pay most of the debt service.
- Auxiliary enterprise capital projects are approved in State appropriation process and funded with nongeneral funds
 - Level 3 institutions have independent authority to issue bonds; UVA (& UVA-W) most active
 - No State general funds are used for auxiliary enterprise capital projects



Debt Service for Auxiliary Enterprise Projects

Largest Share of Auxiliary Enterprise Debt: Student Housing



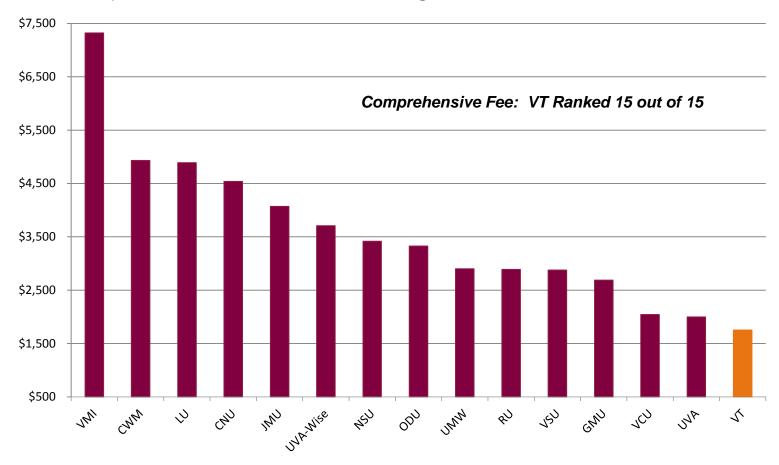


Conclusions



Comprehensive Fee

 Virginia Tech has the lowest comprehensive fee of all public 4-year institutions in Virginia.

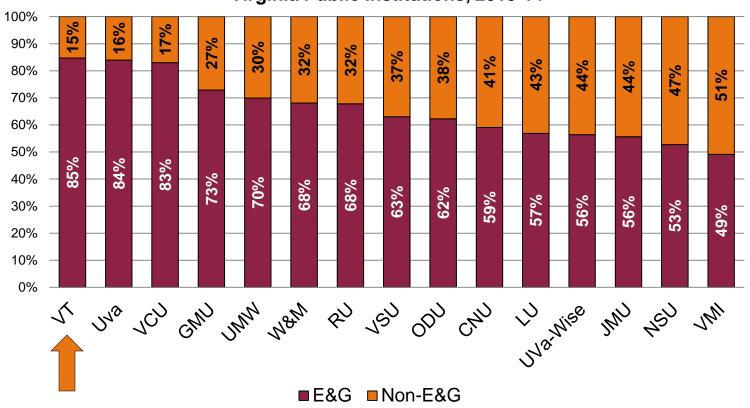




Comprehensive Fee

 Largest portion of student charges support instruction at VT compared to other 4-year public institutions in Virginia.



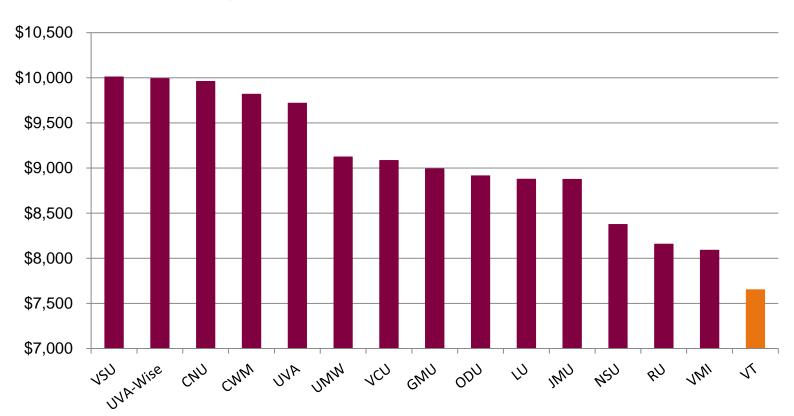




Room & Board

 Our award-winning dining program provides the greatest value to our students while minimizing the cost.

Average Room & Board: VT Ranked 15 out of 15



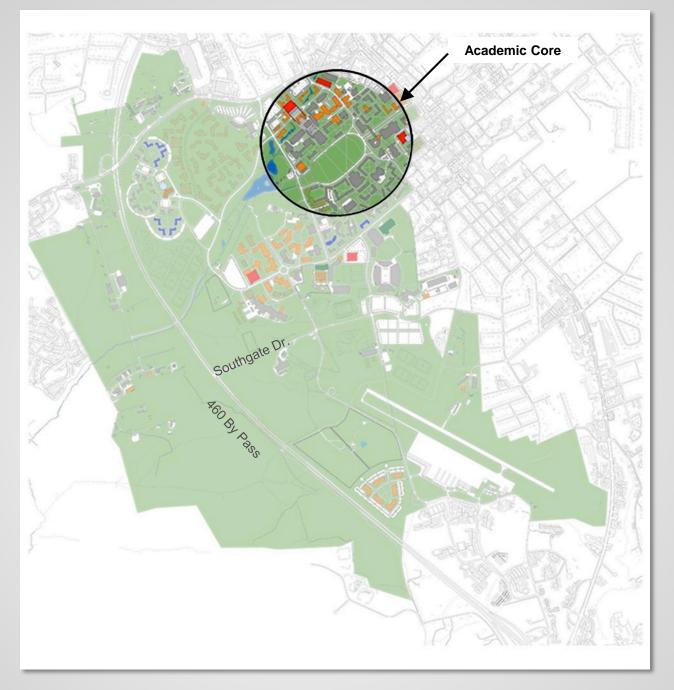


Questions?

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MASTER PLAN INITIATIVES Board of Visitors Update

District Overview Academic Core

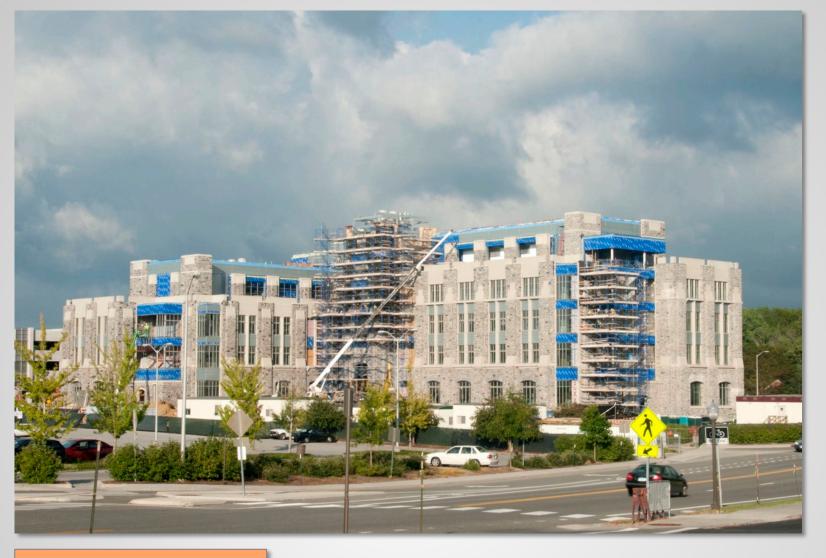


ACADEMIC CORE



51,000 GSF Addition Completion Early 2014

ACADEMIC CORE: DAVIDSON HALL (RENOVATION & ADDITION)



154,935 GSF Completion Spring 2014

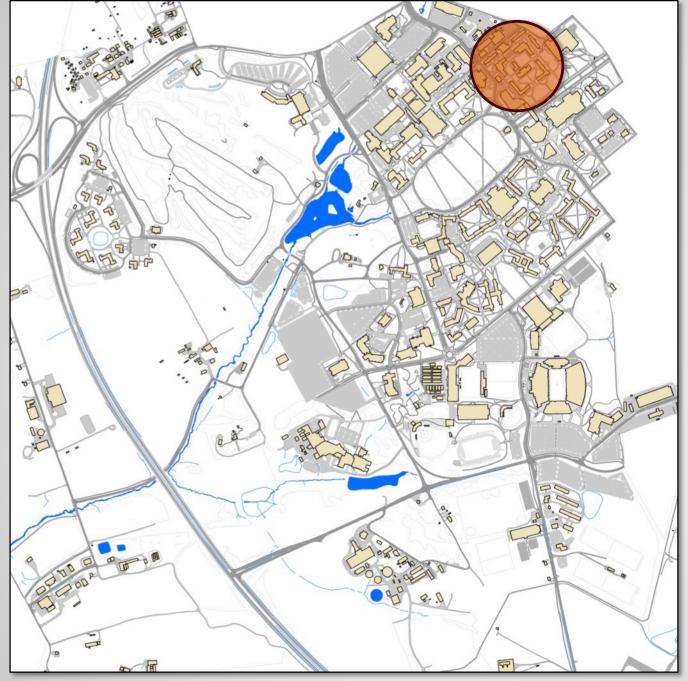
ACADEMIC CORE: SIGNATURE ENGINEERING



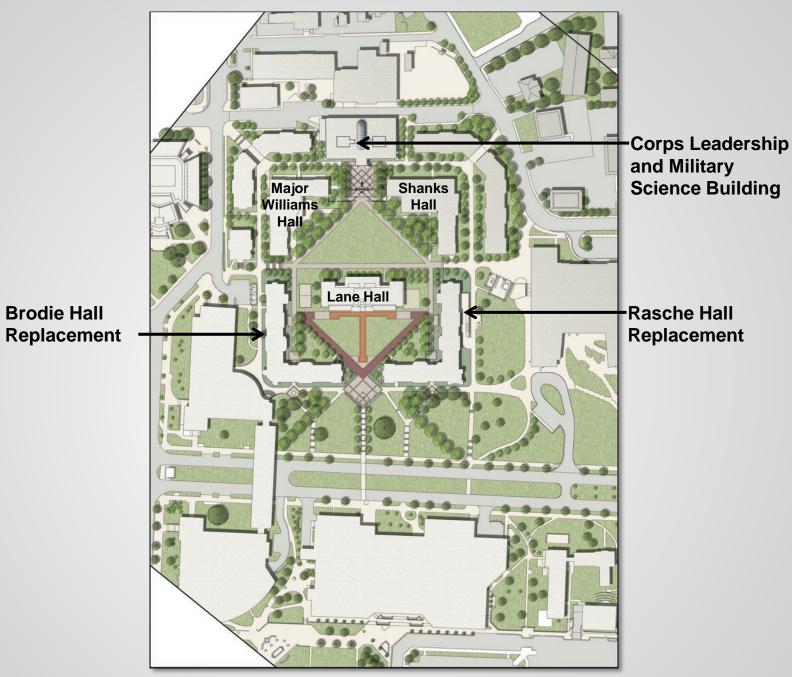
126,390 GSF Completion September 2013

ACADEMIC CORE: CENTER FOR THE ARTS

Upcoming Changes

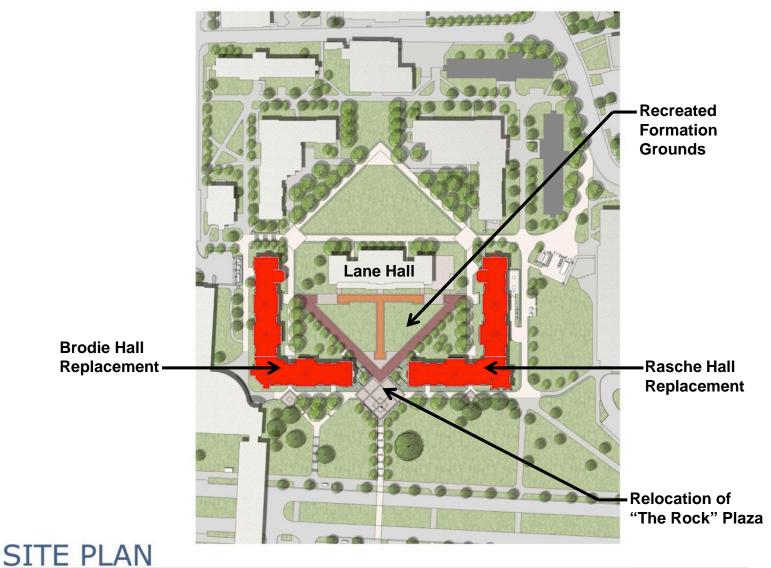


ACADEMIC CORE: UPPER QUAD



ACADEMIC CORE: UPPER QUAD

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VIRGINIA TECH - UPPER QUAD RESIDENTIAL FACILITIES Blacksburg, VA

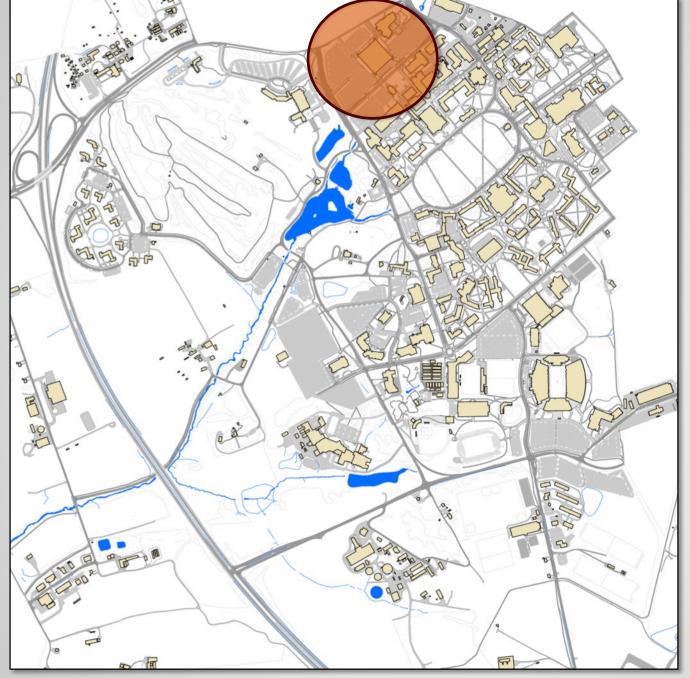




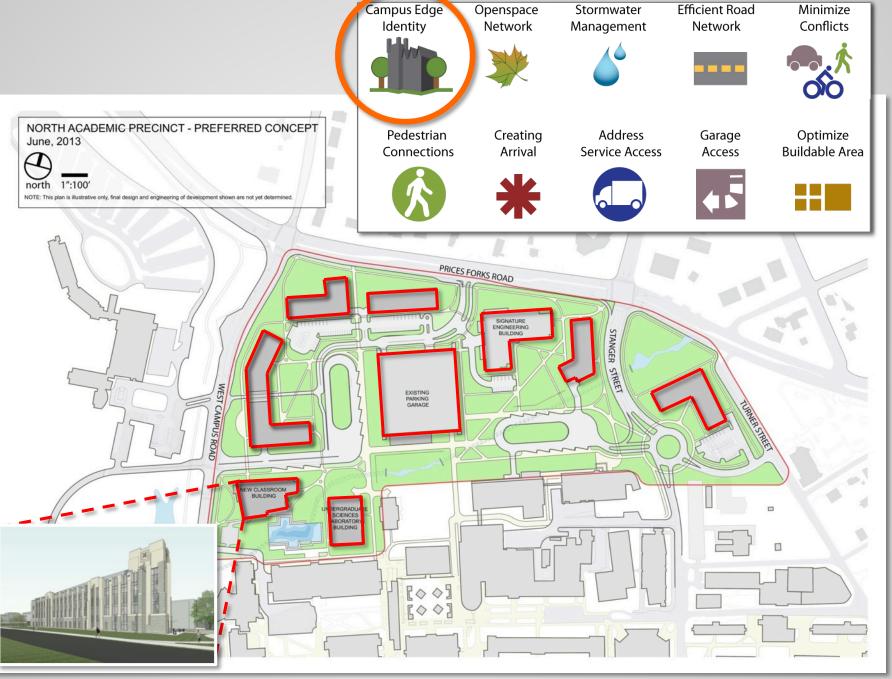




ACADEMIC CORE: UPPER QUAD



ACADEMIC CORE: NORTH CAMPUS PRECINCT



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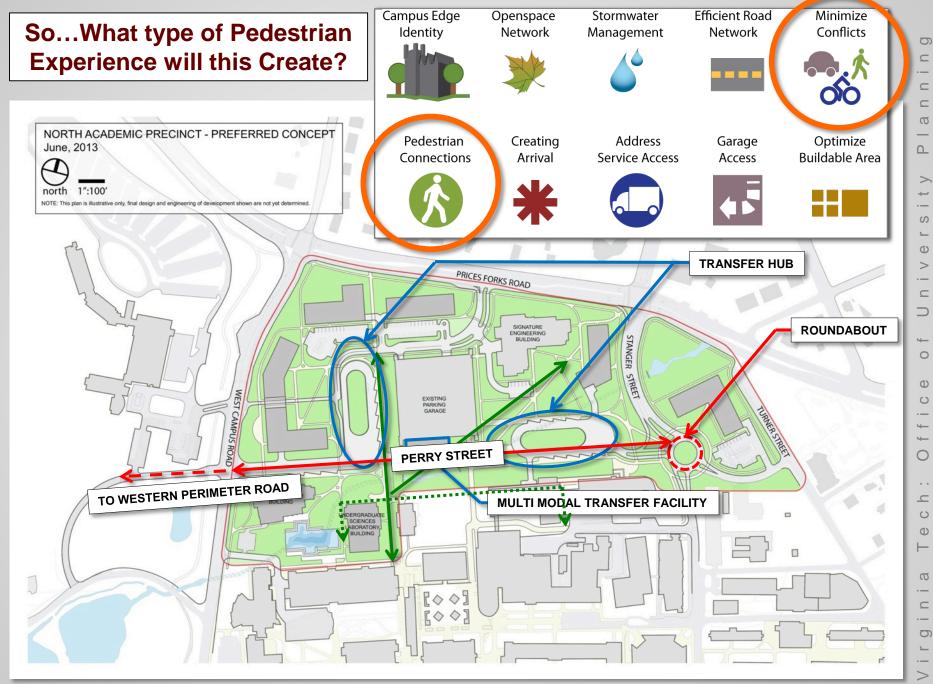
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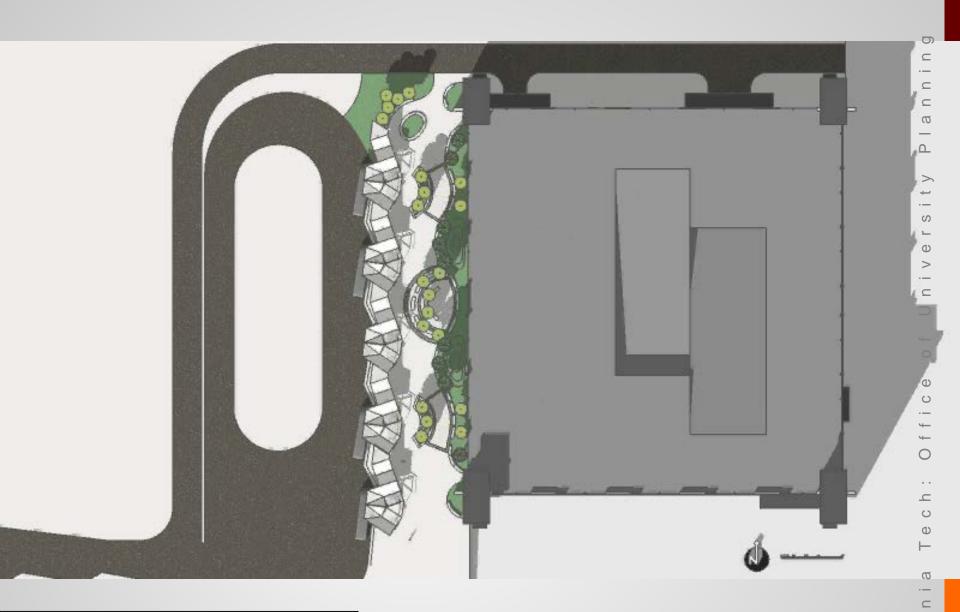
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ACADEMIC CORE: NORTH CAMPUS PRECINCT



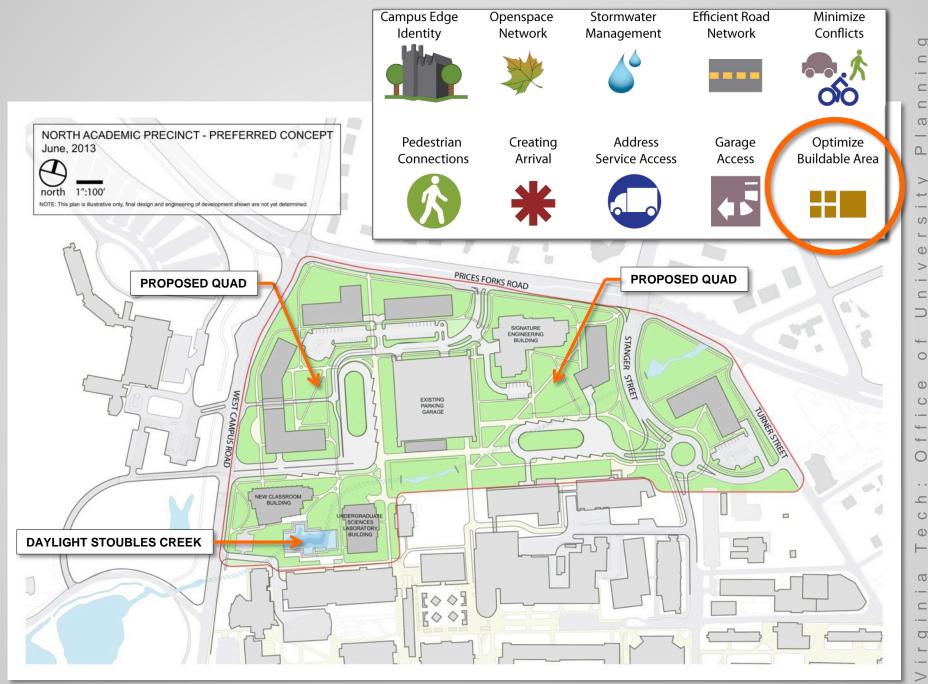
ACADEMIC CORE: NORTH CAMPUS PRECINCT





EARLY DESIGN CONCEPT

ACADEMIC CORE: NORTH CAMPUS PRECINCT



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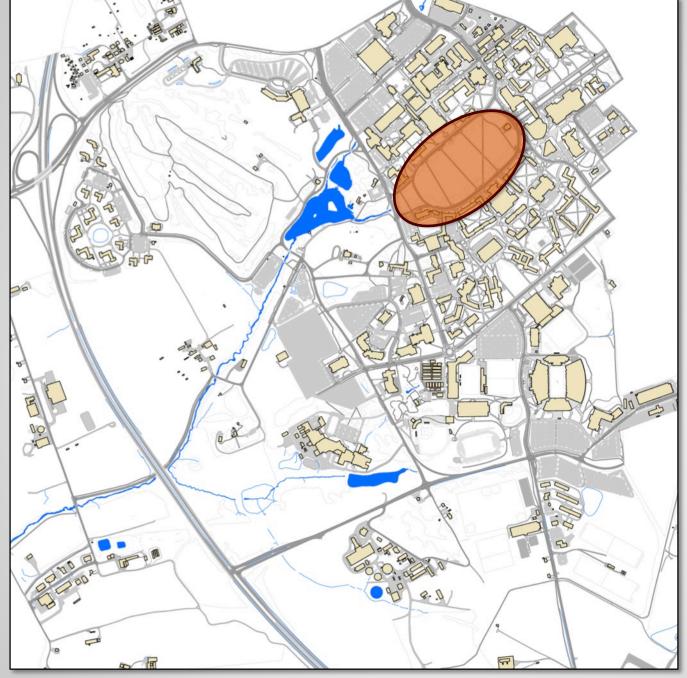
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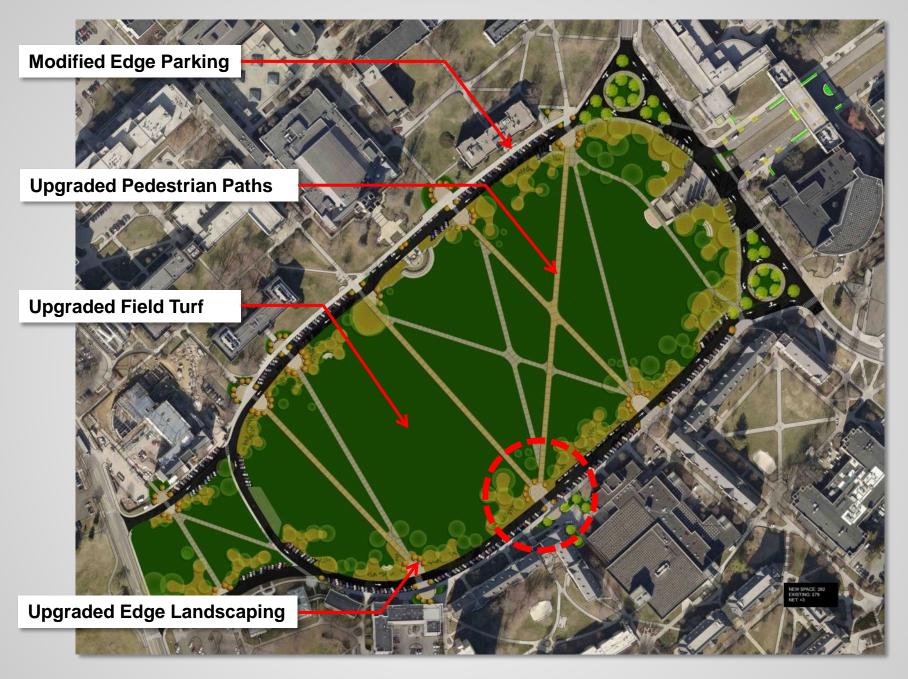
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ACADEMIC CORE: NORTH CAMPUS PRECINCT



ACADEMIC CORE: DRILLFIELD



ACADEMIC CORE: DRILLFIELD

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- Improved Seating Opportunities
- Upgraded Paths
- Upgraded Crosswalks and Lighting
- Consistent, Upgraded Site Furniture
- Improved Amenities, Including Wi-Fi
- Upgraded Landscape Treatment

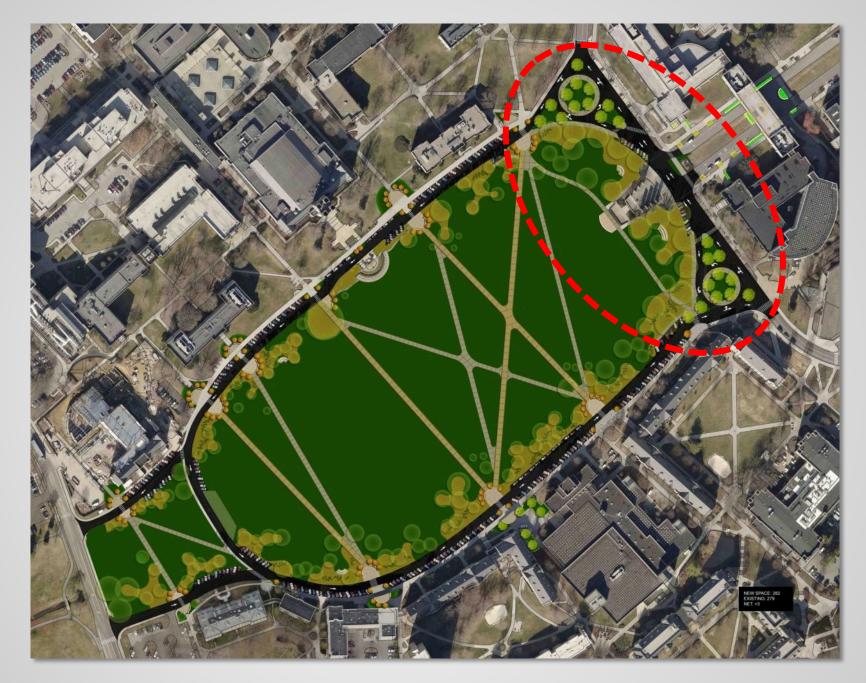
ACADEMIC CORE: DRILLFIELD - Typical Trailhead





Enhanced Lighting &
Wi-Fi Availability
Being Explored

ACADEMIC CORE: DRILLFIELD - Enhanced Seating



ACADEMIC CORE: DRILLFIELD



ACADEMIC CORE: DRILLFIELD - Traffic Enhancements

District Overview Life Sciences District



LIFE SCIENCES DISTRICT

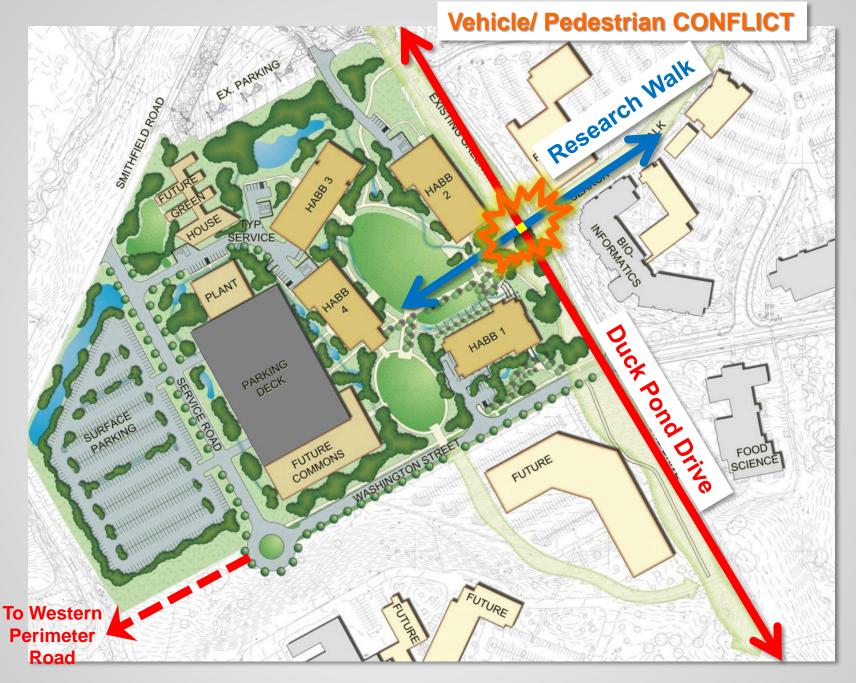


93,860 GSF Completion March 2014

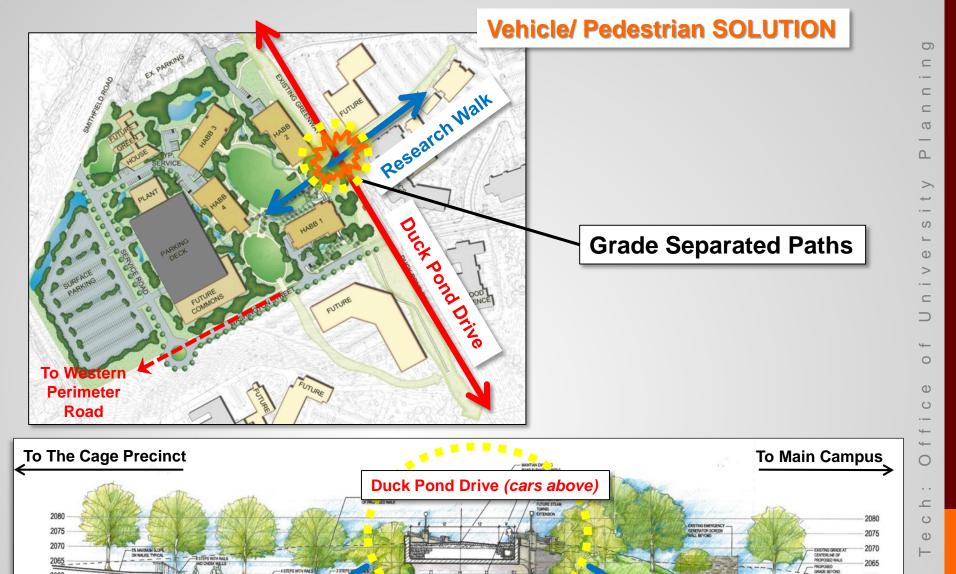
LIFE SCIENCES DISTRICT: HUMAN & AGRICULTURAL BIOSCIENCES BUILDING

Upcoming Changes

LIFE SCIENCES DISTRICT



LIFE SCIENCES DISTRICT: THE CAGE PRECINCT



Research Walk (pedestrians below)

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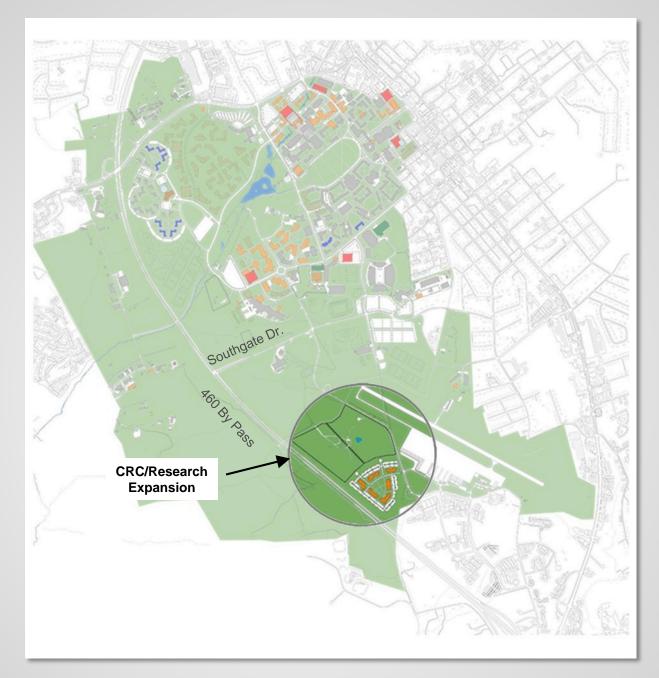
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LIFE SCIENCES DISTRICT: RESEARCH WALK

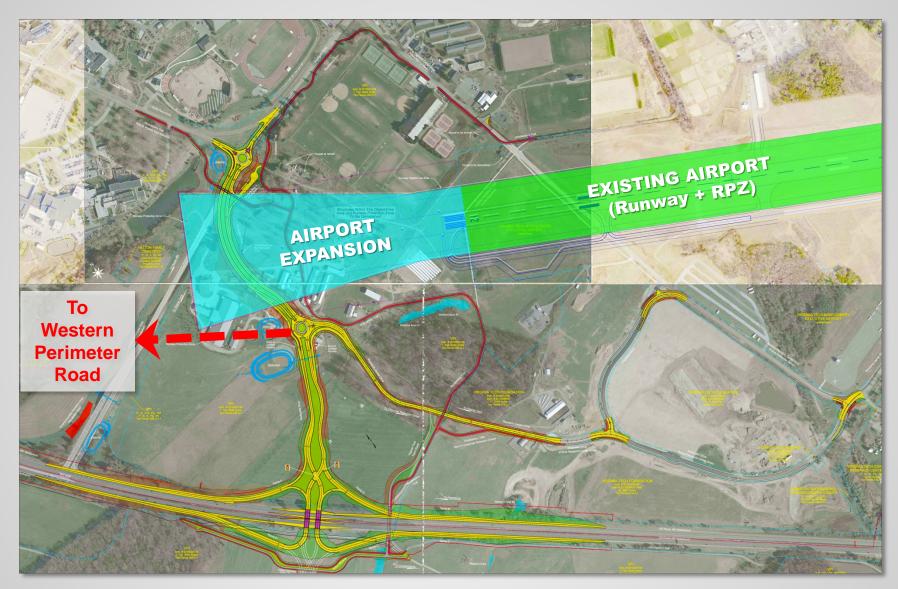
SECTION ELEVATION "A"

RESEARCH WALK LOOKING NORTH

District Overview CRC / Research Expansion



CRC / RESEARCH EXPANSION

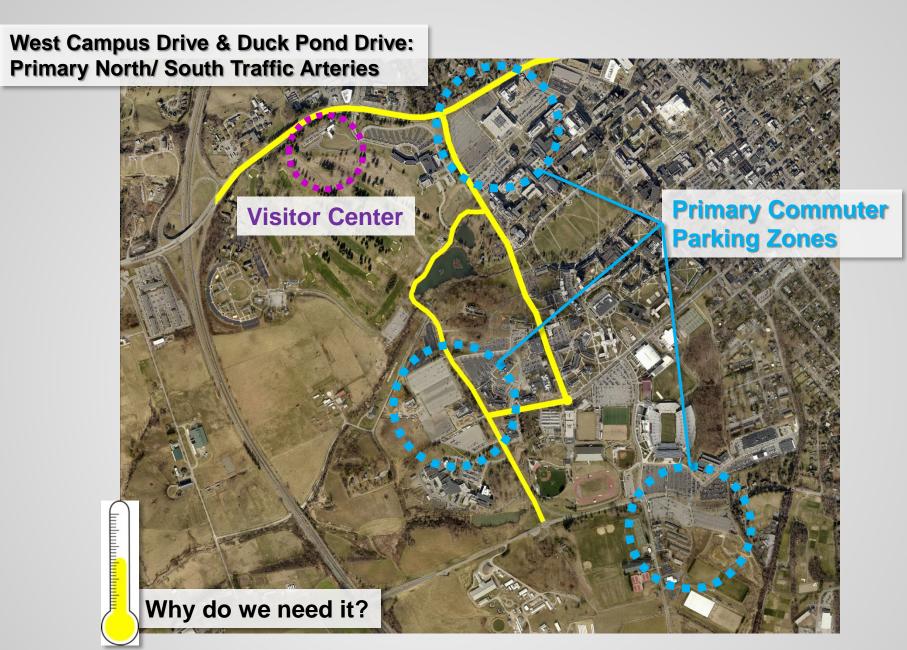


CRC / RESEARCH EXPANSION

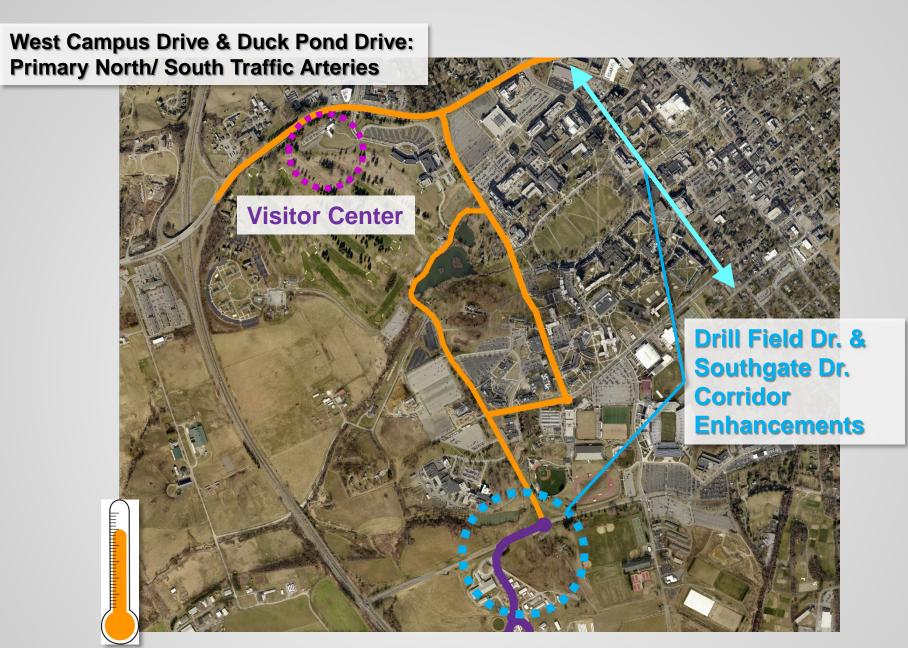


CRC / RESEARCH EXPANSION - New Entry Sequence



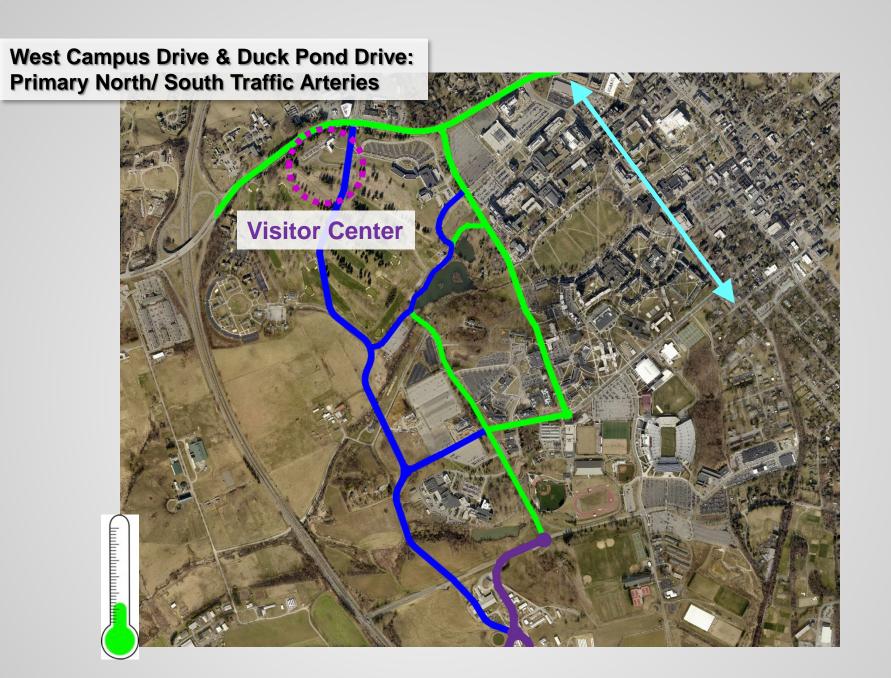


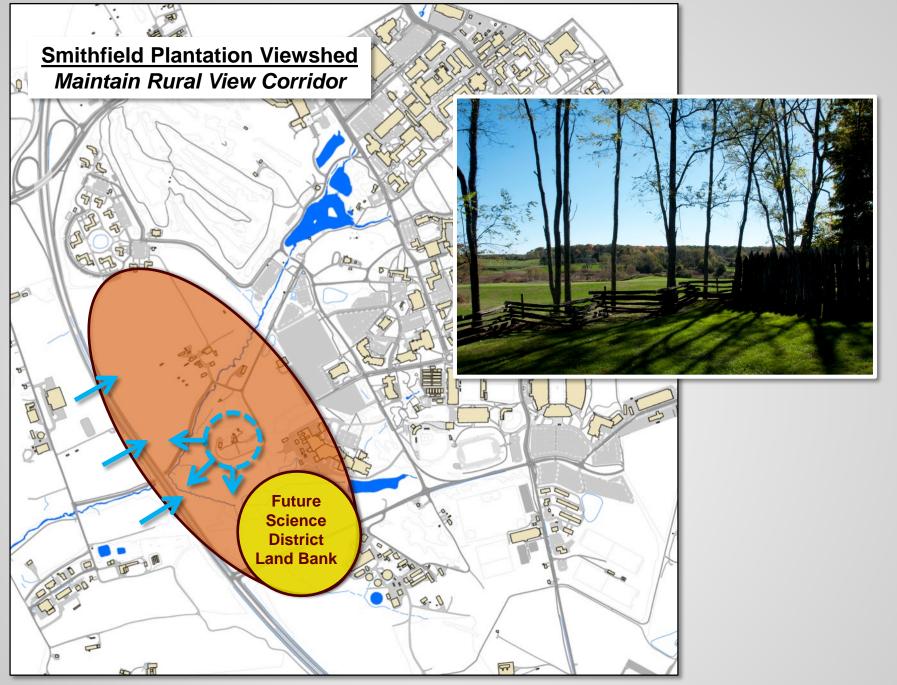
LIFE SCIENCES DISTRICT: WESTERN PERIMETER ROAD



LIFE SCIENCES DISTRICT: WESTERN PERIMETER ROAD

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LIFE SCIENCES DISTRICT: FUTURE LAND USE

And the Beat Marches On...



For the

2016 Master Plan

Questions & Comments?

MINUTES

November 18, 2013

The Board of Visitors of Virginia Polytechnic Institute and State University met on Monday, November 18, 2013, at 1:15 p.m. in Torgersen Boardroom (Room 2100), Virginia Tech Campus, Blacksburg, Virginia.

Present

Absent

Mr. James L. Chapman, IV

Dr. Nancy V. Dye

Mr. William D. Fairchild, III

Mr. Cordel Faulk

Mr. B. Keith Fulton

Mr. William B. Holtzman

Mr. John C. Lee, IV

Ms. Suzanne S. Obenshain

Ms. Deborah Leigh Martin Petrine (Vice-Rector)

Mr. Michael J. Quillen (Rector)

Mr. John G. Rocovich, Jr.

Dr. J. Thomas Ryan

Mr. Steve Sturgis

Mr. Dennis H. Treacy

Constituent Representatives:

Dr. Joe Merola, Faculty Representative

Ms. Sue Teel, Staff Representative

Mr. Nick Warrington, Graduate Student Representative

Ms. Erica Wood, Undergraduate Student Representative

Also present were the following: Dr. Charles Steger, Mr. Ralph Byers, Ms. Shelia Collins, Mr. John Cusimano, Dr. Karen DePauw, Deputy Chief Gene Deisinger, Dr. John Dooley, Dr. Jack Finney, Dr. Elizabeth Flanagan, Chief Wendell Flinchum, Deputy Chief Kevin Foust, Ms. Hunter Gresham, Ms. Natalie Hart, Ms. Kay Heidbreder, Mr. Larry Hincker, Mr. Tim Hodge, Dr. Rachel Holloway, Ms. Elizabeth Hooper, Dr. Paul Knox, Dr. Will Lewis, Ms. Heidi McCoy, Dr. Mark McNamee, Dr. Scott Midkiff, Mr. Mike Mulhare, Ms. Kim O'Rourke, Mr. Mark Owczarski, Dr. Patty Perillo, Dr. Ellen Plummer, Ms. Savita Sharma, Mr. Dwight Shelton, Ms. Sandra Smith, Mr. Jeb Stewart, Dr. Tom Tillar, Dr. Robert Walters, Dr. Lisa Wilkes, Dr. Sherwood Wilson, faculty, staff, students, guests, and reporters.

* * * *

Rector Quillen asked for a motion to approve the minutes of the September 9, 2013, meeting as distributed. The motion was made by Mr. Rocovich and seconded by Mr. Fulton. The minutes were approved.

* * * * * * * * *

REPORT OF THE ACADEMIC AFFAIRS COMMITTEE

Rector Quillen called on Ms. Obenshain for a report of the Academic Affairs Committee. (Copy filed with the permanent minutes and marked Attachment A.)

* * * *

As part of the Academic Affairs Committee report, approval of the following resolution was moved by Ms. Obenshain, seconded by Mr. Rocovich, and approved unanimously.

Resolution to Approve the Faculty of Health Sciences

That the resolution to approve the Faculty of Health Sciences be approved. (Copy filed with the permanent minutes and marked Attachment B.)

* * * * *

As part of the Academic Affairs Committee report, approval of the following resolution was moved by Ms. Obenshain, seconded by Mr. Treacy, and approved unanimously.

Resolution to Approve the Degree Name Change From Forestry and Wildlife to Forest Resources and Environmental Conservation

That the resolution to change the degree name from Bachelor of Science in Forestry and Wildlife to Bachelor of Science in Forest Resources and Environmental Conservation be approved. (Copy filed with the permanent minutes and marked Attachment C.)

* * * * * * * * *

REPORT OF THE BUILDINGS AND GROUNDS COMMITTEE

Rector Quillen called on Mr. Rocovich for a report of the Buildings and Grounds Committee. (Copy filed with the permanent minutes and marked Attachment D.)

As part of the Buildings and Grounds Committee report, approval of the following resolution was moved by Mr. Rocovich, seconded by Mr. Holtzman, and approved unanimously.

Resolution on Appointment to the Blacksburg-Virginia Polytechnic Institute Sanitation Authority

That the resolution reappointing Lucius M. Merritt, Jr. as a joint representative to the Blacksburg-Virginia Polytechnic Institute Sanitation Authority, be approved. (Copy filed with the permanent minutes and marked Attachment E.)

* * * * *

As part of the Buildings and Grounds Committee report, approval of the following resolution was moved by Mr. Rocovich, seconded by Mr. Holtzman, and approved unanimously.

Resolution Authorizing the Demolition of University Building 270F

That the resolution authorizing the demolition of building number 270F located in Blacksburg, Virginia, be approved. (Copy filed with the permanent minutes and marked Attachment F.)

* * * *

As part of the Buildings and Grounds Committee report, approval of the following resolution was moved by Mr. Rocovich, seconded by Mr. Holtzman, and approved unanimously.

Resolution Authorizing the Demolition of University Building 745

That the resolution authorizing the demolition of building number 745 located at the Southwest Virginia AREC in Washington County, Virginia, be approved. (Copy filed with the permanent minutes and marked Attachment G.)

As part of the Buildings and Grounds Committee report, approval of the following resolution was moved by Mr. Rocovich, seconded by Mr. Holtzman, and approved unanimously.

Resolution Authorizing the Sale of Timber at the Southern Piedmont Agricultural Research and Extension Center

That the resolution authorizing the sale of the timber at market rate and the expenditure of the timber proceeds on site at the Southern Piedmont Agricultural Research and Extension Center be approved. (Copy filed with the permanent minutes and marked Attachment H.)

* * * * *

As part of the Buildings and Grounds Committee report, approval of the following resolution was moved by Mr. Rocovich, seconded by Mr. Holtzman, and approved unanimously.

Resolution Authorizing the Transfer of Property to the Virginia Tech/Montgomery Regional Airport Authority

That the resolution authorizing the transfer of the Property to the Airport Authority and authorizing the Vice President for Administration, upon receipt of required Commonwealth approvals, to execute the sales contract, the deed, and any other documents necessary be approved. (Copy filed with the permanent minutes and marked Attachment I.)

* * * * * * * * * *

REPORT OF THE FINANCE AND AUDIT COMMITTEE

Rector Quillen called on Ms. Petrine for the report of the Finance and Audit Committee. (Copy filed with the permanent minutes and marked Attachment J.)

As part of the Finance and Audit Committee report, approval of the following resolution was moved by Ms. Petrine, seconded by Mr. Chapman, and approved unanimously.

Resolution for Approval of the Year-to-Date Financial Performance Report (July 1, 2013 – September 30, 2013)

That the report of income and expenditures for the University Division and the Cooperative Extension/Agricultural Experiment Station Division for the period of July 1, 2013, through September 30, 2013, and the Capital Outlay report be accepted. (Copy filed with the permanent minutes and marked Attachment K.)

* * * * *

As part of the Finance and Audit Committee report by Ms. Petrine and with the endorsement of the Academic Affairs Committee, the following resolution was moved by Ms. Petrine, seconded by Mr. Chapman, and approved unanimously.

Resolution for Approval of the Pratt Fund Program and Expenditures Reports

That the 2012-13 Pratt Funds Activity Statement for the College of Engineering be approved.

That the 2012-13 Pratt Funds Activity Statement for Animal Nutrition be approved.

(Copies filed with the permanent minutes and marked Attachment L.)

As part of the Finance and Audit Committee report, approval of the following resolution was moved by Ms. Petrine, seconded by Mr. Chapman, and approved unanimously.

Resolution Authorizing the Execution of Agreements to Loan Funds to the Virginia Tech Applied Research Corporation (VTARC)

That the resolution authorizing, at the President's discretion, the negotiation and execution of a line of credit and the related promissory notes and loan agreements for start-up financing from the university to VT-ARC for up to \$2 million to be repaid with interest by VT-ARC, be approved. (Copy filed with the permanent minutes and marked Attachment M.)

Ms. Petrine noted that the Finance and Audit Committee requested to receive regular reports on the performance of VT-ARC starting in March 2014.

* * * *

As part of the Finance and Audit Committee report, approval of the following resolution was moved by Ms. Petrine, seconded by Mr. Rocovich, and approved unanimously.

Resolution for Approval of Revisions to Athletic Sporting Event Bonus Policy and Procedure Statement

That the Board of Visitors approve the revisions to the Athletic Sporting Event Bonus Policy and Procedure Statement. (Copy filed with the permanent minutes and marked Attachment N.)

* * * *

As part of the Finance and Audit Committee report by Ms. Petrine and with the endorsement of the Buildings and Grounds Committee, the following resolution was moved by Ms. Petrine, seconded by Mr. Fulton, and approved unanimously.

Resolution Authorizing a Capital Lease for 601 Prince Street In Alexandria, Virginia

That the resolution authorizing Virginia Tech to enter into a capital lease with the Virginia Tech Foundation for 601 Prince Street in Alexandria, Virginia, be approved.

(Copy filed with the permanent minutes and marked Attachment O.)

* * * * *

As part of the Finance and Audit Committee report by Ms. Petrine and with the endorsement of the Buildings and Grounds Committee, the following resolution was moved by Ms. Petrine, seconded by Mr. Fulton, and approved unanimously.

Resolution Approving a Capital Project for Sitework for the Marching Virginians Practice Facility

That the resolution authorizing Virginia Tech to implement grading and sitework improvements for the Marching Virginians Practice Facility funded entirely with nongeneral fund revenues be approved. (Copy filed with the permanent minutes and marked Attachment P.)

REPORT OF THE RESEARCH COMMITTEE

Rector Quillen called on Mr. Lee for the report of the Research Committee. (Copy filed with the permanent minutes and marked Attachment Q.)

REPORT OF THE STUDENT AFFAIRS AND ATHLETICS COMMITTEE

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Rector Quillen called on Mr. Faulk for the report of the Student Affairs and Athletics Committee. (Copy filed with the permanent minutes and marked Attachment R.)

PRESIDENT'S REPORT

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Report of Research and Development Disclosures

As part of the President's report, President Steger shared with the Board the **Report of Research and Development Disclosures** – for information only, no action needed. (Copy filed with the permanent minutes and marked Attachment S.)

As part of the President's report, approval of the following resolution was moved by Mr. Quillen, seconded by Mr. Rocovich, and approved unanimously.

Resolution Honoring Virginia Tech Police Chief Wendell R. Flinchum

That the resolution recognizing Virginia Tech Chief of Police Wendell R. Flinchum for his service to the university be approved. (Copy filed with the permanent minutes and marked Attachment T.)

Rector Quillen presented the framed resolution to Chief Flinchum.

REPORT OF THE PRESIDENTIAL SEARCH COMMITTEE

* * * * * * * * * * *

The Board accepted the following meeting minutes of the Presidential Search Committee.

Minutes from Presidential Search Committee Meeting, October 3, 2013

Minutes from Presidential Search Committee Meeting, October 29, 2013

(Copies filed with the permanent minutes and marked Attachment U.)

Motion to Begin Closed Session

* * * * * * * * *

Ms. Petrine moved that the Board convene in a closed meeting, pursuant to § 2.2-3711, Code of Virginia, as amended, for the purposes of discussing:

- Appointment of faculty to Emeritus status, the consideration of individual salaries of faculty, consideration of Endowed Professors, review of departments where specific individuals' performance will be discussed, and consideration of personnel changes including appointments, resignations, tenure, and salary adjustments of specific employees and faculty leave approvals.
- 2. The status of current litigation and briefing on actual or probable litigation.
- 3. Special Awards.

all pursuant to the following subparts of 2.2-3711 (A), <u>Code of Virginia</u>, as amended, .1, .7, and .10

The motion was seconded by Mr. Rocovich and passed unanimously.

Litigation Report

Not for Approval

* * * * * *

Motion to Return to Open Session

Following the Closed Session, members of the press, students, and the public were invited to return to the meeting. Rector Quillen called the meeting to order and asked Ms. Petrine to make the motion to return to open session.

Ms. Petrine made the following motion:

WHEREAS, the Board of Visitors of Virginia Polytechnic Institute and State University has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provision of The Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3712 of the <u>Code of Virginia</u> requires a certification by the Board of Visitors that such closed meeting was conducted in conformity with Virginia law;

NOW, THEREFORE, BE IT RESOLVED that the Board of Visitors of Virginia Polytechnic Institute and State University hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Board of Visitors.

The motion was seconded by Mr. Rocovich and passed unanimously.

* * * *

Upon motion by Mr. Rocovich and second by Mr. Chapman, unanimous approval was given to the resolutions for approval of **External Awards (2)** as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment V.)

* * * * *

Upon motion by Mr. Rocovich and second by Mr. Holtzman, unanimous approval was given to the resolution for approval of **Naming of a University Facility** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment W.)

* * * *

Upon motion by Ms. Obenshain and second by Mr. Rocovich, unanimous approval was given to the following sets of resolutions:

Approval of Emeritus status (2) as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment X.)

Approval of Endowed Chairs, Professorships, or Fellowships (6) as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment Y.)

Approval of Faculty Research Leave Request (1) as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Z.)

* * * * *

Upon motion by Mr. Rocovich and second by Mr. Fulton, approval was given to the resolution for ratification of the **Personnel Changes Report** as considered in Closed Session. [Rector Quillen abstained from voting.] This item was reviewed by the Finance & Audit and Academic Affairs Committees. (Copy filed with the permanent minutes and marked Attachment AA.)

Constituent Reports (No action required)

- Undergraduate Student Representative to the Board Ms. Erica Wood
- Graduate Student Representative to the Board Mr. Nick Warrington
- Staff Representative to the Board Ms. Sue Teel
- Faculty Representative to the Board Dr. Joe Merola

(Copies filed with the permanent minutes and marked Attachment BB.)

* * * * *

Rector Quillen reported that the Executive Committee met yesterday for President Steger's performance review, and he presented his accomplishments over the past year. Discussion was held with President Steger, and the committee then met privately. Rector Quillen then shared the outcome of the committee's review with President Steger.

* * * * *

Mr. Sturgis informed the Board that Virginia Tech Student Brian Walsh has been named the National President of Future Farmers of America (FFA). President Steger will send a letter to Brian on behalf of the Board.

* * * * *

Rector Quille	n annou	inced tha	t the	Preside	ntial	Search	Com	nmittee	will	mee	t at
undisclosed t	imes in	undisclo	sed le	ocations	withi	in the r	next 1	15 days	for	the s	sole
purpose of interviewing candidates for president of the university.											

* * * *

The date for the next regular meeting is March 23-24, 2014, in Blacksburg, Virginia.

* * * *

Following a motion by Mr. Rocovich and second by Mr. Holtzman, the meeting adjourned at 3:45 p.m.

Michael J. Quillen, Rector

Kim O'Rourke, Secretary

Committee Minutes

ACADEMIC AFFAIRS COMMITTEE

Drillfield Room, Inn at Virginia Tech and Skelton Conference Center 9:00 – 11:30 a.m.

November 18, 2013

Board Members Present:

Suzanne Obenshain (Chair), Nancy Dye, Tom Ryan, Dennis Treacy, Nick Warrington (graduate student representative). Also in attendance: Joe Merola (faculty representative). Mike Quillen, Rector.

Guests:

Kimberly Andrews, Beth Armstrong, Janice Austin, Kris Bush, Geoffrey Colbert, Alicia Cohen, Adrian Daku, Wanda Hankins Dean, Karen DePauw, Michelle Deramo, Karen Eley Sanders, Carla Finkielstein, Jack Finney, Guru Ghosh, Kelsey Harrington, Rachel Holloway, Kathy Hosig, Jenise Jacques, Mildred Johnson, Samantha Lambert, Peggy Layne, Roxanna Link, William Lewis, Gary Long, Peter Macedo, Alison Matthiessen, Mark McNamee, Ellen Plummer, Jessica Prince-Sanders, Marcy Schnitzer, Anthony Scott, Akshay Sharma, Ken Smith, Kenneth Stevens, Judy Taylor, Sarah Kate Valatka, Robert Walters, Paul Winistorfer, Tod Whitehurst, Ashley Wood

OPEN SESSION

1. Welcome.

Suzanne Obenshain welcomed committee members and guests.

2. Approval of Minutes.

A motion was made and passed unanimously to approve the minutes of the committee's September 9, 2013 meeting.

3. Report of Closed Session Action Items. The committee approved a resolution to move into closed session to consider two resolutions to approve appointments to emeritus status, six resolutions to approve appointments to endowed chairs, professorships, or fellowships, one resolution for faculty research leave, and to ratify the faculty personnel changes report.

All resolutions and the report were unanimously approved. The session was formally certified and the committee moved to open session.

4. Provost's Update. Mark McNamee, senior vice president and provost, updated the committee on executive leadership searches. Sue Ott Rowlands has accepted a position as provost at the University of Northern Kentucky. Joan Hirt, professor in the School of Education will serve as interim dean of the College of Liberal Arts and Human Sciences. The search for a vice president for the National Capital Region continues. Finalists have been identified and being considered.

Dr. McNamee reviewed progress on initiatives associated with the Academic Implementation Strategy for *A Plan for a New Horizon: Envisioning Virginia Tech.* Highlights of the 11 areas of focus include progress on the review of the undergraduate curriculum including an examination of how to increase the inclusion of computational thinking. On-line education continues to receive attention through reorganization and increased on-line and blended course offerings. The colleges and graduate school are working on establishing initiatives to increase graduate enrollment. Progress has been made toward the full implementation of the Faculty of Health Sciences and the Ph.D. in Translational Biology, Medicine and Health. The Moss Center for the Arts has opened and performances and off-campus outreach have been well received. The School of Performing Arts and Cinema is the result of consolidating a number of academic areas. Other streamlining is occurring in the College of Liberal Arts and Human Sciences and the College of Agriculture and Life Sciences.

The committee received information on the schedule for new degree proposals for the spring semester.

5. Academic Initiatives and Administration.

a. Pratt Fund Budget. Dr. McNamee presented for consideration the budget expenditures from the College of Agriculture and Life Sciences, and the College of Engineering for the expenditure of Pratt Funds during 2013 – 2014.

The 2012-2013 Pratt Funds Activity Statement was unanimously approved by the committee.

b. Resolution to Approve the Faculty of Health Sciences. Dr. Jack Finney, vice provost for faculty affairs, presented a resolution for the committee's consideration. As part of the implementation of the university's strategic plan, the Faculty of Health Sciences will promote continued growth, improvement, and integration in biomedical and health sciences research and educational programs at the university.

The Resolution to Approve the Faculty of Health Sciences was unanimously approved by the committee.

c. Resolution to Approve The Degree Name Change From Forestry and Wildlife to Forest Resources and Environmental Conservation. Dr. Paul Winistorfer, dean of the College of Natural Resources and Environment, presented for consideration a resolution to change the name of the B.S. in forestry and wildlife to forest resources and environmental conservation. Initiated by curriculum adjustments approved by the Board in June 2013, this name change reflects the ongoing work of the college in aligning its curriculum with current student and employer demand.

The Resolution to Approve The Degree Name Change From Forestry and Wildlife to Forest Resources and Environmental Conservation was passed unanimously by the committee.

- d. Update on Faculty Recruitment Efforts. Dr. Jack Finney, vice provost for faculty affairs, presented information to the committee regarding faculty recruitment. The university hired 68 tenured and tenure-track faculty members in 2012 2013. As of September 2013, the university employs a total of 1,393 tenured and tenure-track faculty members. College hiring plans are reviewed and approved each year and faculty salaries, space and start-up resources are negotiated. University recruitment efforts include working with colleges and departments on search committees, using cluster hires, and mining faculty pipeline programs for promising faculty members. The university continues to aspire to increase the number of faculty members who are women and members of underrepresented groups. Faculty salaries continue to be a challenge in the recruitment of talented faculty members, as does the need to compete with start-up packages. Next steps include strengthening search processes to include the recruitment of talented and diverse pools of applicants and engaging in review of processes and outcomes of hires.
- e. Update on Student Enrollment. Ms. Wanda Hankins Dean, vice provost for enrollment and degree management, provided enrollment data from the September 2013 census. The university enrolled a total of 31,205 students. These include 24, 034 undergraduate students, 6,723 graduate students, and 448 professional students. In state enrollments are 17,528 undergraduate students, 3,470 graduate students, and 321 professional students. Out of state enrollments are 6,506 undergraduate students, 3,253 graduate students, and 127 professional students.

Ms. Dean reported that 1,093 students are enrolled in classes for the inaugural Winter Session that begins in December 2013.

6. Inclusive Excellence.

a. Inclusion and Diversity Initiatives. Dr. William Lewis, vice president for diversity and inclusion, updated the committee on activities including the completion of the Diversity Strategic Plan, the continued use of the university's' Principles of

Community to generate discussion and programs, participation in the Diversity Development Institute, and engagement with alumni chapters. Dr. Lewis also highlighted the results of a benchmark study that included identifying successful diversity and inclusion activities at a number of institutions.

7. Global Strategies.

- **a. International Faculty Development Program.** Dr. Guru Ghosh, vice president for international affairs and outreach, updated the committee on the university's International Faculty Development Program. Each year, faculty members compete to participate in a program that offers opportunities to expand research interests in a selected area of the world. After eight years, 65 faculty members from all the colleges have participated in the program resulting in international research collaborations and new study abroad opportunities for students. Three faculty members joined Dr. Ghosh in describing their experiences in the program.
- **9. Adjournment.** There being no further business, the meeting adjourned at 11:30.

Update on Faculty Recruitment

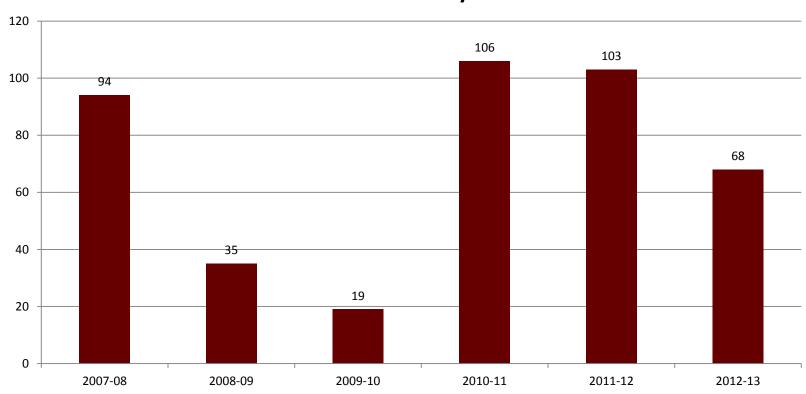


Jack W. Finney – Vice Provost for Faculty Affairs Academic Affairs Committee – November 18, 2013



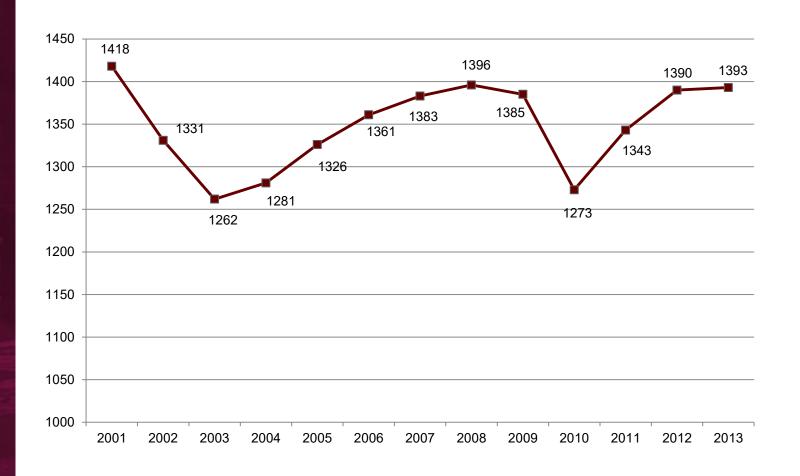
Hiring Outcomes 2007 - 2013

New Faculty





Tenured & Tenure-track Faculty 2001- 2013





Faculty Recruitment

- College Hiring Plans approved each year
- New faculty hires = salary, space, & start-up
- New faculty expertise must contribute to strategic plan or key disciplinary needs
- Goal: Recruiting faculty members who will contribute to diversity and inclusion



University Efforts to Promote Successful Recruitment

Enhancing Applicant Pools

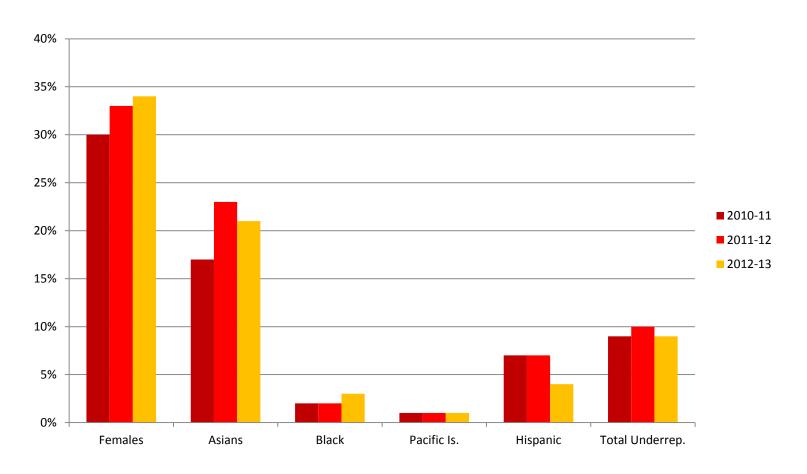
- Search committee charge workshops
- Cluster hiring
- Faculty pipeline programs

Promoting Acceptance of Offers

- College Liaisons
- Work-life policies
- Dual Career Program
- Mentoring Projects

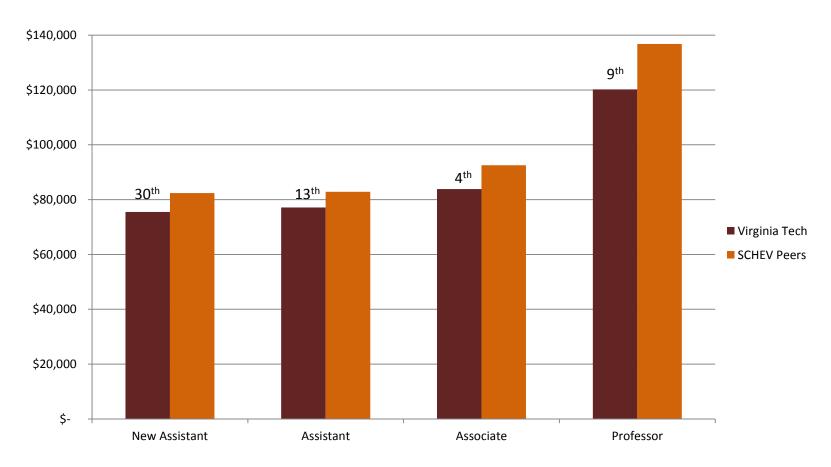


Faculty from Underrepresented Groups 2010 - 2013





Average Salaries by Faculty Rank: Virginia Tech vs. SCHEV Peers



Source: Oklahoma State Salary Study, 2012-13



Start-up Costs for New Faculty Hires

	Total Hires	Average Start-up	Total Start-up	Provost	College
2010-11	106	\$197,969	\$20,984,700	\$7,693,400	\$13,291,300
2011-12	103	\$236,059	\$24,314,100	\$7,688,900	\$16,625,200
2012-13	68	\$231,756	\$15,759,400	\$4,848,700	\$10,910,700



Next Steps

Enhancing Applicant Pools

- Promote a "perpetual search" framework.
- Expand participation in Future Faculty Development Program.
- Monitor applicant pools and strengthen pool certification processes.
- Monitor short-list and interview groups.
- Develop innovative cluster hires.
- Enhance feedback on hiring outcomes.

Promoting Acceptance of Offers

- Establish salary standards for newly hired faculty.
- Continue faculty start-up program to ensure research and scholarship.
- Maintain current work-life policies and adopt new support programs.



Questions?



2013 Student Enrollment



Wanda Hankins Dean
Vice Provost for Degree and Enrollment Management
Academic Affairs Committee, November 18, 2013



2013 Total Enrollment September 30 Census

Students	Enrollment
Undergraduate	24,034
Graduate	6,723
Professional	448
TOTAL	31,205



2009 – 2013 Total Enrollment

	2009	2010	2011	2012	2013
Undergraduate	23,558	23,690	23,700	23,859	24,034
Graduate	6947	6944	6856	6808	6723
Professional	365	372	380	420	448
Total	30,870	31,006	30,936	31,087	31,205



In and Out of State Enrollment

Students	In State	Out of State
Undergraduate	17,528	6,506
Graduate	3,470	3,253
Professional	321	127
TOTAL	21,319	9,886



2013 Student Demographics

Student	Female	Male
Undergrad	9,933	14,091
Graduate	2,841	3,848
Prof	337	106



2013 Student Demographics

Self-Identification	Undergraduate	Graduate	Professional
American Indian or Alaska Native	38	7	
Asian	2030	300	9
Black or African American	834	355	8
Hispanic of any race	1,226	207	9
Native Hawaiian or Other Pacific Islander	31	3	1
Two or more races	966	117	15
White	17,214	3,755	343
Not reported	706	123	60
International	989	1,856	3



Questions?



Inclusive Excellence

Inclusion and Diversity Initiatives

Dr. William Lewis, vice president for diversity and inclusion, will present an update on the Diversity Strategic Plan and a benchmark study.

Attachments:

- Executive Summary: Virginia Tech Peer Institution Assessment: A Review of Virginia Tech Peer Institutions' Compositional Dynamics, Organizational Structures and Assessment, Planning and Evaluation Practices
- Dr. Lewis's powerpoint slide presentation



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Virginia Tech Peer Institution Diversity & Inclusion Comparative Study:
A Review of Virginia Tech Peer Institutions' Compositional Dynamics,
Organizational Structures, and Assessment, Planning and Evaluation Practices

Authored By:

Mary Beth Dunkenberger
Suzanne Lo

Edited By:

Courtney Grohs

Virginia Tech Institute for Policy and Governance, 205 W. Roanoke St., Blacksburg, VA

In Consultation with Diversity & Inclusion Assessment Advisory Committee:

Kristen Bush Martha Glass David Kniola William Lewis Marcy Schnitzer

Presented To:

William Lewis

Vice President, Office of the Vice President for Diversity and Inclusion Virginia Tech

Acknowledgements:

This study was supported by the Virginia Tech Office of the Vice President for Diversity and Inclusion and the Department of Human Resources (PI Dunkenberger).

- Invent the Future

EXECUTIVE SUMMARY

A systematic review of Virginia Tech's peer institutions and the institutions' organizational contexts for diversity and inclusion programs has been undertaken for the purposes of benchmarking Virginia Tech's processes for assessment, planning and evaluation. Comparative analysis has increasingly been utilized by institutions of higher education to inform decision-making, resource allocation and organizational change (Trainer, 2008). However, little, if any, comparative research has been focused on the organizational structures, programs and processes for the promotion of diversity and inclusion within our institutions of higher education. This study and its findings seek to begin to fill this informational gap and to assist Virginia Tech leadership in supporting its diversity and inclusion structures.

The research and findings are structured to examine three aspects of each institution's context for diversity and inclusion: 1) compositional diversity of students and faculty; 2) the organizational and reporting structures for offices and leadership charged with the responsibility for promoting diversity and inclusion; and 3) the processes utilized for assessing, planning and evaluating programs for diversity and inclusion.

Study Design and Methods – The research and analysis has been undertaken with the guidance of the Vice President for Diversity and Inclusion and in consultation with the Diversity and Inclusion Assessment Advisory Committee. An initial step was to identify the appropriate peer cohort for the comparative analysis. This cohort consists of Virginia Tech's State Council for Higher Education in Virginia (SCHEV) designated peers, the Level III Charter Commonwealth of Virginia universities and several universities that the Advisory Committee deemed as "best practice" universities for a total of 32 peer institutions (see page 6), including Virginia Tech.

Data gathering included four distinct steps. First, compositional data from the National Center for Educational Statistics' Integrated Postsecondary Education Data System (IPEDS) was collected for each institution. Secondly, a review of each institution's information accessible through the public domain (i.e. websites, published reports, newspaper articles) was gathered and compiled into an institutional profile. Third, an electronic survey was distributed to each university to verify the secondary data collected through IPEDs and the public domain and to collect additional information regarding organizational structure and assessment and planning processes. This data was added to the organizational profile of each of the thirteen (40.6%) universities that responded to the survey. Lastly, semi-structured telephone interviews with the Chief Diversity Officer and/or her/his designees were conducted with 21 of the peer institutions. Data from these interviews, along with the other data collection methods, were compiled into *Institutional Profile* reports and provided to the institution for validation. Eleven of the 21 peer Institutional Profile reports have been validated to date. The data was analyzed using both quantitative and qualitative methods, which include descriptive statistics for the compositional data and matrix analysis to identify themes from the survey and interview data.

Results – The results of the compositional diversity component of the research involved analysis of the data for all 32 identified peer institutions. Virginia Tech ranks 22 out of the 32 peer institutions in total undergraduate and graduate enrollment at 30,936 for the 2011-2012 academic year. Ohio State has the highest enrollment at nearly 57,000 students, and William and Mary has the lowest at 8,200 students. In undergraduate enrollment by gender, Virginia Tech ranks 30th in enrollment of undergraduate women and 27th in enrollment of women graduate students as a ratio of total enrollment of graduate students. Virginia Commonwealth University (VCU) has the highest ratio of women undergraduates, Rutgers has the highest ratio of women graduate students, and Georgia Tech has the lowest ratio of both women undergraduate and graduate students.

In overall compositional diversity, as measured by enrollment of all racial and ethnic groups designated by IPEDS and compared to the white student population, Virginia Tech ranks 27 among the peer institutions, with University of California at Berkley having the highest total enrollment of racial and ethnic minorities (60%) and University of Missouri having the lowest (19%). In cumulative graduation rates, Virginia Tech ranks 14th among the peer group with the University of Virginia having the highest cumulative graduation rate and VCU having the lowest.

Analysis of compositional data concentrated primarily on graduate student assistantships and faculty composition, as these populations are deemed to be the most influenced by diversity and inclusion initiatives, as compared to staff composition, which is more influenced by the geographic location of the institution. Virginia Tech ranks 19th among the peer cohort in the compositional diversity of graduate assistants. University of Southern California has the highest ratio of compositional diversity among graduate assistants, and University of Oregon has the lowest. Virginia Tech ranks 28th in the ratio of women graduate assistants with Georgia Tech having the lowest ratio and VCU having the highest ratio in this category.

In faculty racial and ethnic composition, Virginia Tech ranks 25th among the peer cohort, University of Virginia has the lowest ratio of faculty compositional diversity and USC-Berkley has the highest. With regard to gender, Virginia Tech ranks 25th in the ratio of women faculty, University of Oregon has the highest ratio of women faculty, and Georgia Tech has the lowest.

The results of the organizational structure and processes for assessment, planning and evaluation components of the research included the 20 institutions that participated in the interview portion of the data collection (see page 7). Analysis of organizational structure included consideration of the environment and governance structure for the state system of higher education as well the individual institutional structure. The largest proportion of the peer institutions (11) operate within a public, centralized state system of higher education. Virginia Tech and seven other peer institutions operate in public, decentralized state systems of higher education, and Rutgers University is considered a public-private hybrid institution. Considering state-level governance of higher education, Virginia Tech and the majority of peer institutions (15) operate in coordinating board arrangements with a moderate level of autonomy, while three of the peers operate in a governing board arrangement with a lower level of

autonomy and three operate in a planning or mixed governance arrangement with the highest level of autonomy.

At the institutional level, the majority of peer institutions (80%) have a designated Chief Diversity Officer, who has the primary responsibility for diversity and inclusion programs and initiatives, and 51% of the peers report that the individual charged with diversity and inclusion leadership reports directly to the President or Chancellor. Leadership and governance structures were reported as being among the most critical factors in successful diversity and inclusion efforts, though only 30% of the institutions reported strong support of these efforts from top leadership. A common theme was the importance of having top university leadership (President, Chancellor, Provost) set the tone for diversity and inclusion as a priority in student and faculty recruitment, retention and engagement and consistently diffusing the message through university leadership at the Dean and Vice President levels.

The functional structure of the offices and individuals charged with the responsibility for diversity and inclusion efforts varied significantly and included several combinations of compliance, planning, programming and evaluation. The highest ratio of the peer institutions' Offices for Diversity and Inclusion are charged with planning, programming and compliance (42%), followed by planning, programming and evaluation (24%), including the Virginia Tech Office of the Vice President for Diversity and Inclusion.

The research team utilized and expanded on models from organizational literature to derive a typology involving five classifications for the functional structures of the Offices of Diversity and Inclusion at the peer institutions. With regard to diversity and inclusion programming, assessment and planning, the typology that indicated the highest level of sustained engagement between central and divisional institutional structures is the *Infused* category, followed by the *Emerging Infused* category. Only Michigan State was assessed to be included in the *Infused* classification, while Virginia Tech and the highest ratio of peer institutions were in the *Emerging Infused* category.

The last focus area for the comparative review involved the assessment, planning and evaluation practices employed by the peer institutions. Assessment is viewed as the process for determining the current status of a given context and may include measures of perceived need, strengths and weaknesses of organizations. Evaluation is used to describe processes that are used to determine the relative effectiveness of specific programs or initiatives that are put into place to address needs, to build on strengths or to overcome weaknesses. Planning includes the deliberate processes that are used to develop interventions, programs and initiatives that are developed as a result of assessment and evaluation.

A majority of peer institutions (53%) use tools to systematically assess the climate for diversity and inclusion on an ongoing basis with climate surveys of faculty and staff as the most frequently used assessment tool. Forty percent (40%) of the institutions reported using outside consultants in the assessment of campus climate and resulting planning and evaluation efforts.

With regard to planning, all but one peer institution develop university-wide strategic plans on an ongoing basis, and the remaining institution is in the process of developing a strategic plan.

Seventy-three percent (73%) of the institutions include diversity and inclusion components as part of the comprehensive institutional plan, and the remaining have both a university-level strategic plan, as well as a specific plan for diversity and inclusion.

The role of evaluation of diversity and inclusion efforts among the peer institutions was assessed based on whether the institution was in the *pre-planning* stage (35%) for beginning systematic evaluation of programs and initiatives, in a proactive *planning* phase (30%), where evaluation processes and protocol are being developed, or in an *action* phase (35%), where evaluation processes are in place.

Additionally, each peer institution participating in the interview component was asked to identify one or two best practices that have served to support diversity and inclusion efforts. These best practice programs are summarized by institution and focus area in Attachment 4.

Several major themes emerging from the surveys and interviews include the following:

- 1. The need for top leadership support for successful implementation of programs and initiatives;
- 2. The importance of distributed coordination and political support between central and divisional levels of the organization;
- 3. The rapidly changing demographics of student, faculty and staff pools;
- 4. The changing focus from compositional diversity to inclusion, as measured by retention and assessment of experience at the institution;
- 5. The need for financial resources to further advance diversity and inclusion efforts; and
- 6. The need for improved assessment of the environment for diversity and inclusion and evaluation of programs and initiatives.

Areas for Further Study – The broad focus of the study leads to areas that merit further and more rigorous study, including:

- 1. Additional in-depth study and identification of organizational models for the advancement of diversity and inclusion programs;
- 2. Identification of the most effective methods to improve campus climates;
- 3. More in-depth study of how a university's catchment (recruitment) area for students and faculty corresponds with achieved compositional diversity, including geographic location, demographics and state and local polices;
- Assessment practices that capture administration and student learning outcomes related to diversity and inclusion;
- 5. In-depth study of Virginia Tech's culture, narrative and story; and
- 6. More thorough exploration of the cross correlations between Carnegie Classifications, compositional diversity, and functional structure of the institutional office for diversity and inclusion.

The full text of this report can be accessed at: http://www.diversity.vt.edu/pub/documents/benchmark/benchmark.html

Toward An Inclusive Community



Vice President for Diversity and Inclusion

Board of Visitors

November 18, 2013





Evolution of Diversity and Inclusion at Virginia Tech

1998-2007 Foundations

2007-2009 Inclusive Excellence 2010-Present Telling the Story/ Articulating Outcomes





A Strategic Catalyst

Today, achieving a more supportive and stimulating learning environment, locally and globally, requires a reexamination and recalibration of curriculum, pedagogy, programs, and leadership. Today's Chief Diversity Officer is a strategic catalyst for this change and an essential partner, as we move towards greater access and inclusion within the 21st century landscape of higher education.

National Association of Diversity Officers in Higher Education, 2013





Telling the Story and Articulating Outcomes

- Building an Inclusive Campus
 - Diversity Strategic Plan: 2013-2018
 - Principles of Community: Strong Together
 - Diversity Development Institute
 - Alumni Engagement
- A National Model: Peer Study of Diversity Infrastructure in Higher Education
- Driving the Dialogue: Diversity to Inclusion
 - Rich Conversations in the Colleges
- Knowledge is Power: Planning, Assessment, and Evaluation for Improvement





Plan For A New Horizon

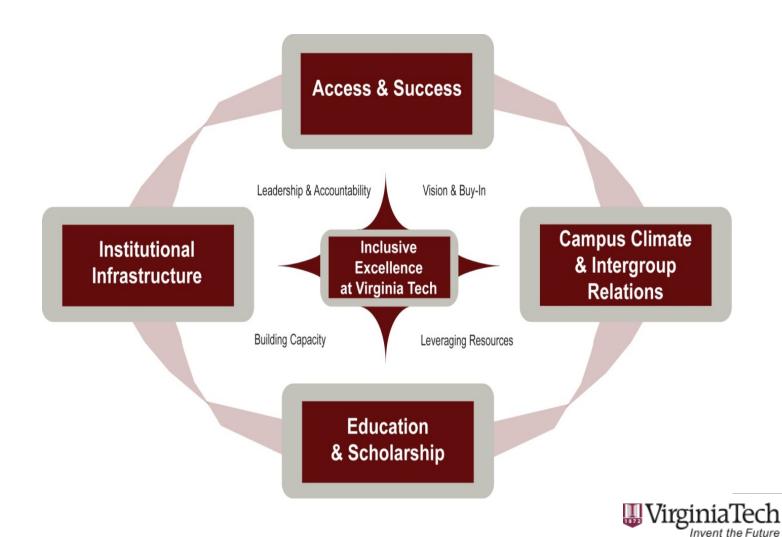


Virginia Tech will...strive to develop a learning community built on the principles of inclusive excellence that shape our overall diversity-related activities.





Principles of Inclusive Excellence





Diversity Strategic Plan 2013-2018



Towards an Inclusive Community

- Cross-Campus Collaborations
- Campus Narratives and Stories
- Clear and Transparent Information Sharing
- Diversity and Inclusion
 Governance and
 Leadership





Principles of Community: Strong Together

Virginia Tech Principles of Community

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world community. Learning from the experiences that shape Virginia Tech as an institution, we acknowledge those aspects of our legacy that reflected bias and exclusion. Therefore, we adopt and practice the following principles as fundamental to our on-going efforts to increase access and inclusion and to create a community that nurtures learning and growth for all of its members:

We affirm the inherent dignity and value of every person and strive to maintain a climate for work and learning based on mutual respect and understanding.

We affirm the right of each person to express thoughts and opinions freely. We encourage open expression within a climate of civility, sensitivity, and mutual respect.

We affirm the value of human diversity because it enriches our lives and the university. We acknowledge and respect our differences while affirming our common humanity.

We reject all forms of prejudice and discrimination, including those based on age, color, disability, gender, national origin, political affiliation, race, religion, sexual orientation, and veteran status. We take individual and collective responsibility for helping to eliminate bias and discrimination and for increasing our own understanding of these issues through education, training, and interaction with others.

We pledge our collective commitment to these principles in the spirit of the Virginia Tech motto of Ut Prosim (That I May Serve).



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March 14, 2005

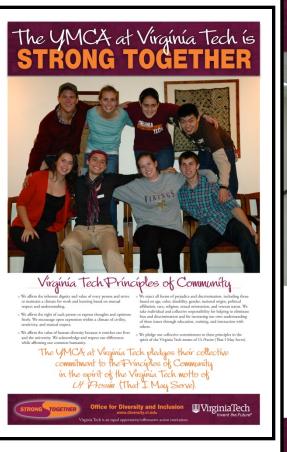




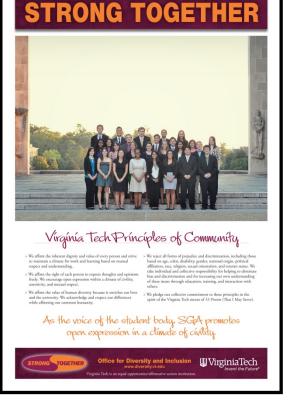




Principles of Community: Strong Together







The Student Government Association is





Diversity Development Institute







Diversity Development Institute



Tammie Smith, Administrator Extended Learning and Enrollment Services

I have become more aware that people have perspectives I may not understand. We all come from different areas and it is critical that we listen and not just react. When I see potential cultural conflicts, I have become more confident and want to help defuse the situation.





Alumni Chapter Engagement

- Alumni Chapter Tours
- Multicultural Alumni Board
- Black Alumni
- Ex Lapide Society







Benchmark Study

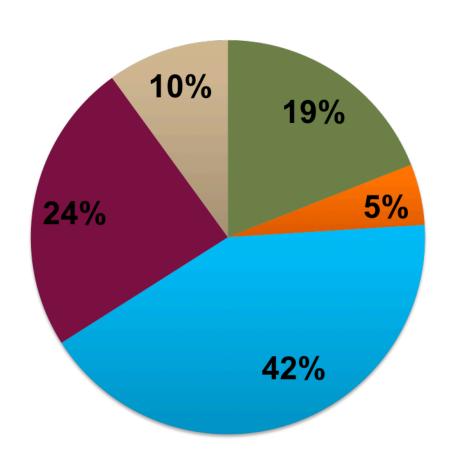
- Conducted by the Virginia Tech Institute for Policy and Governance
- First study of its kind among National Association of Diversity Officers in Higher Education (NADOHE)
- Assessed Diversity and Inclusion efforts at 32 institutions
 - Compositional dynamics
 - Organizational structures
 - Assessment, planning, and evaluation practices





Benchmark Study

Diversity and Inclusion Offices: Primary Responsibilities



- Planning and Programming (19%)
- Compliance Only (5%)
- Planning, Programming and Compliance (42%)
- Planning, Programming and Evaluation (24%)
- Planning, Programming, Evaluation and Compliance (10%)





Benchmark Study

- Key Themes
 - Leadership from the top
 - Coordination between central and divisional levels
 - Rapidly changing demographics students, faculty and staff
 - ➤ Shift compositional diversity (quantity) → inclusion (quality)
 - Need for planning, assessment, and evaluation





Driving The Dialogue: Diversity to Inclusion

- Continuing rich conversations about the values, experiences, and insights that animate diversity and inclusion at Virginia Tech
- Listening to stories and experiences
- Learning about the different facets of diversity on campus
- Sharing best practices and resources
- Building networks and relationships for advancing diversity





Driving The Dialogue: Diversity to Inclusion







➤ We cannot serve without honoring diversity. We cannot be a vibrant community without promoting caring and inclusiveness, respecting individuality, and valuing the unique contributions of each of our members.

A Plan for a New Horizon



Questions?



Global Strategies

Dr. Guru Ghosh, vice president for international affairs and outreach, will update the committee on the university's International Faculty Development Program.

Attachments:

- Dr. Ghosh's powerpoint slide presentation
- Outreach and International Affairs newsletter, Outbursts





International Faculty Development Program

Guru Ghosh, Vice President Outreach and International Affairs Academic Affairs Committee, November 18, 2013



Background

- The International Faculty Development Program was launched in 2005
- 65 faculty members from all colleges have participated
- Purpose
 - Advance internationalization
 - Develop faculty expertise and leadership
 - Advance faculty scholarship in a global context





Program Objectives

- Enhance understanding of promising practices in international learning, discovery, and engagement
- Enhance internationalization capacity of departments and colleges
- Create a cohort of faculty leaders who advance the university's global position





Selection - fall

- Each year, the program identifies strategic research themes and promising international locations
- Junior and mid-career faculty are nominated by dean or vice president
- Faculty are selected who articulate an interest in expanding their scholarship within a global context





Program Preparatory Curriculum - spring

- Series of monthly preparatory seminars
 - Internationalization
 - Leadership
 - Review of faculty, department, college research goals
- May travel to location two weeks





2013 Program Foci

- Asian Studies
- Energy and the Environment
- Life Sciences
- Entrepreneurship and Innovation
- Technology





2013 Program Highlights

- Breast Cancer
- Post-disaster resilience
- Immigration
- Healthy Living
- **❖** Tsunamis
- Vaccines
- Microfinance

- Singapore
- Thailand
- Hong Kong
- Indonesia
- Malaysia





2013 Faculty Participants

Carla Finkielstein, College of Science

Breast Cancer

Akshay Sharma

College of Architecture and Urban Studies

Microfinance

Kathy Hosig

Virginia-Maryland Regional College of Veterinary Medicine

Obesity, heart disease, public health





Questions?



outbursts

• a monthly publication of outreach and international affairs

spotlight on international faculty development program

volume 1, issue 4

Faculty gain insights from Southeast Asia

Program helps develop international partnerships to enrich teaching, research

By Andrea Brunais

In a huge, multilevel fresh-foods market in Kota Bharu, Malaysia, two Virginia Tech faculty members marveled at the din, the stalls, and the vendors — a marked preponderance of women. The professors tasted mangosteen and rambutans, fruits exotic to them. But the pungent nectar wasn't the profound part of the day for Akshay Sharma of the College of Architecture and Urban Studies.

"Just look around you," says Sharma, who teaches industrial design, waving his arm at the colorful tableau of fruits and vegetables. "There is so much going on, so much at stake, but everybody is

About the International Faculty Development Program

The 2013 group of eight faculty members met in Singapore, then fanned out to their countries of interest.

Faculty members are selected based on their research interests and the quality of their projects.

Ecuador and the Galapagos Islands are the springboards for the 2014 trip.

The program, launched in 2005, is funded by Outreach and International Affairs and the Provost's Office.



The large fresh-foods market in Kota Bharu, Malaysia, offers fruits and vegetables in great quantities. Visitors from Virginia Tech were surprised by how many of the market's vendors were women.

content. There is no yelling, screaming, or cutthroat competition to sell their stuff. Everything is organized. Everybody is just chilling out and waiting for the customers to show up."



Akshay Sharma

He grins, winding up to his conclusion: "If the world were run by women, I think it would be a much better place."

Sharma's insight reflects what happens when faculty members are empowered to see through a global lens, a goal of Virginia Tech's annual International Faculty Development Program. The perspectives they gain on the two-week trip strengthen their teaching and inform their research, says Guru Ghosh, vice president for Outreach and International Affairs.

Each faculty member lines up high-



Kathy Hosig

level researchers and professionals to meet with, which "broadens the scope of their work beyond the geographic boundaries of one nation."

Along with Sharma,

Kathy Hosig of the Virginia-Maryland College of Veterinary Medicine spent five days in Malaysia. She learned much from her counterparts, who work with chronic disease sufferers "very similar to the marginalized populations I work with in the U.S.," Hosig says.

continued on Page 4



INSIDE: Faculty share observations from the trip

Fighting breast cancer worldwide

By Carla Finkielstein College of Science

As breast cancer incidence is projected to increase in the near future, there is a need for effective preventive strategies.

The global impact of industrialized society on breast cancer is large and growing and results from altered gene-environment interactions such as disruption of circadian gene function.

My laboratory aims to uncover functionally relevant environmentally controlled pathways in breast tissue that will define new nodes for therapeutic approaches.

To help in this search, I flew to Singapore to meet leaders in the breast cancer field in Asia. I had the opportunity to explore the spectrum of research from basic science to patient care, while stopping in the middle to see advances in nanotherapeutics.

The experience was energizing. I was able to present our work and see firsthand the work of outstanding investigators who once were my competitors in the field and with whom I collaborate today. I learned of multilevel exchange programs for training our students in the emerging areas of nanoscience that we are currently incorporating into our curricula.

Overall, it was a professional and personal experience worth the 20-plus hours of flight and for which I am grateful.



Carla Finkielstein



Alan Abrahams (right), an assistant professor in the Department of Business Information Technology in the Pamplin College of Business, talks with Yang Zhang, an assistant professor of urban affairs and planning.

Thailand gets a peek inside Pamplin's social media toolbox

By Alan Abrahams Pamplin College of Business

My trip to Singapore and Thailand allowed me to connect with potential collaborators, solicit feedback, and brainstorm ideas for future studies.

At Thammasat Business School in Bangkok, I introduced colleagues to Pamplin's Text Analytics Toolbox (PamTAT), an easy-to-use Microsoft Excel workbench for acquiring, transforming, and analyzing textual data from the Web and social media. Participants responded enthusiastically, and future projects may range from examining internet software

adoption failures to exploring Thailand's destination image for foreign tourists.

On the teaching side, I also visited Singapore Management University and Nanyang Technological University, both in Singapore. I learned about best practices, particularly the management of student system-development projects.

Practices I hope to adopt include introducing online learning tracking and increasing opportunities for mobile app project development. I left Southeast Asia thrilled by the vibrancy of their teaching and research efforts and the hospitality and collegiate spirit of my hosts.

Achieving resilience after disaster

By Yang Zhang College of Architecture and Urban Studies

My research addresses one of the most urgent challenges of the 21st century — the increasing vulnerability and, consequently, the accelerating and unsustainable rate of disaster losses due to both natural and man-made causes. I study the dynamic interaction between natural systems and human activities in the context of community resilience.

An upcoming collaborative research project involves the University of Hong Kong and uses social media as a data source for examining risk perception

of disasters and adaptive behavior by individuals.

Also, the Peking University Shenzhen Graduate School was receptive to the idea of a joint summer program involving Virginia Tech students and agreed to provide resources (monetary, space and personnel).

Another potential collaboration centers on the fact that Shenzhen, situated across the river from Hong Kong, is the face of China's economic reform. The city seeks to internationalize higher education, and from my discussions, it was obvious that they are eager to explore opportunities.

Understanding immigration in Asia

By Deborah Milly College of Liberal Arts and Human Sciences

My research addresses the question of how members of society and their governments use policy to include those who are socially excluded due to inadequate income, lack of access to social supports and education, and linguistic and cultural differences. The trip to Southeast Asia allowed me to expand my network of researchers who study migration and immigration in Asia and to find possibilities for interdisciplinary collaboration at Virginia Tech.

My goal was to learn about Indonesian

perspectives and research on migration to Japan, and I developed new ties with Indonesian researchers.

In Yogyakarta, I met with researchers from Gadiah Mada University's Center for Population and Policy Studies who have conducted research on the experience of Indonesian migrants in Japan and after they return.

In Jakarta, I met with a senior scholar at the Indonesian Institute of Science whose ethnographic work on Indonesians in Japan deals with how communitylevel discussion leads to acceptance of outsiders with different religious beliefs.



Kathy Hosig (left), who directs the Center for Public Health Practice and Research, approaches the Firefly plane, an internal Malaysian airline, for the flight from Kuala Lumpur to Kota Bharu.

Promoting healthy living in the U.S. and Malaysia

By Kathy Hosig Virginia-Maryland College of Veterinary Medicine

My research focuses on promotion of healthful eating and physical-activity habits through public health programs, with emphasis on partnership with related community agencies and organizations.

The public health system in Malaysia is designed to provide clinical services to the entire population at a nominal cost. Infrastructure and opportunities for community-based prevention and management of chronic disease do not appear to be as well developed or extensive as those in

the U.S. Collaboration with public health researchers and professionals in Malaysia may help.

The high point of my experience was seeing how truly universal the opportunities and challenges related to communitybased prevention of lifestyle-related chronic disease are. I felt immediate and deep connections with the researchers, health professionals, and community members of Malaysia.

I had no idea when embarking on this journey how much I would want to establish lasting relationships there and go back!

Preparing for tsunamis

By Robert Weiss College of Science

I study the impact of tsunamis on coastal areas. More recently, I have focused on how sea-level rise influences the impact of tsunamis.

A better understanding of past events, especially their frequency (How often has a tsunami hit a certain area?) and magnitude (How large were the waves?) will help reduce uncertainties that accompany predictions.

While my work is theoretical, field data are important, and Southeast Asia is the place to get that. For research on the influence of sea-level rise on storm and tsunami impact, we hope to change policies that regulate what happens after an event to a more proactive system.

A proactive policy framework would increase awareness and preparedness, which saves more lives, costs less and contributes to economic stability.

Working toward better vaccines

By Biswarup Mukhopadhyay Virginia Bioinformatics Institute

I spent four days at Institut Teknologi Bandung, the premier science and engineering university in Indonesia, meeting with the rector and many other officials. The goal was to get an agreement in principle that will foster the development of formal collaboration between Virginia Tech and Institut Teknologi Bandung. It was decided that the two institutions will pursue both graduate and undergraduate study abroad programs and collaboration in research.

I also met with an Indonesian vaccine company producing vaccines that are used worldwide. The outcome was a plan for collaborative research for the development of bacterial strains that will provide more effective tuberculosis and whooping cough vaccines with consistent quality and at reduced costs.



A Malaysian fisherman throws a cast net along the northwestern coast near Langkawi Island.

Southeast Asia continued

Her journey took her from the capital, Kuala Lumpur, to coastal areas including Langkawi Island. The sights and sounds included a squid fisherman throwing a cast net into shallow waters, the sizzle of fish on a restaurant's outdoor grill, and a brigade of motorcycles pulling up to an outdoor café.

These were unexpected bonuses for someone who "had never actually considered doing international work before this," she says.

As an academician, the payoffs were many. She returned to Blacksburg with ideas for collaboration, capitalizing on the fact that populations in both the U.S. and Malaysia suffer from similar rates of chronic disease.

Hear and see more from three professors on the trip:

- http://tinyurl.com/Kathyhealth
- http://tinyurl.com/Akshaymicrogame
- http://tinyurl.com/Carlasingapore

For his part, Sharma gained an opportunity to share a microfinance board game that he and his students developed as an anti-poverty tool. A University of Malaya researcher is eager to incorporate the game into a study of sex workers in Kuala Lumpur. For the sex workers, it might lead to alternative ways of earning income.

"That is one of the beauties of the program," Ghosh says. "It creates many benefits, and many of them could not have been predicted."

Akshay Sharma (left) talks with Li Jin Chan, a guide who accompanied the professors on the Kota Bharu leg of their Malaysia trip.



Collaboration, and microfinance, in Malaysia

By Akshay Sharma College of Architecture and Urban Studies

My research on Design for the Bottom of the Pyramid inspired me to learn about similar projects in Malaysia. The financial literacy education system developed with my students called the laXmi project — a board game that can be used by people who are not fully literate — was presented to a researcher in rural Malaysia and received a positive response.

I also learned more about my Virginia Tech colleagues and their research. In fact, I collaborated with Alan Abrahams over the summer, and we received support from the Institute for Creativity, Arts, and Technology to develop a course that enables design, business, and engineering students to work together on a project.

The news media coverage I received as a result of the trip has resulted in implementation of the laXmi project in Uganda and Bangladesh and with another organization that leads microfinance initiatives in sub-Saharan Africa. I hope to continue working on projects related to social impact and integrate more such projects in my teaching activities.

For information on the International Faculty Development Project, contact the Office of the Vice President for Outreach and International Affairs at 540-231-9868, hcarroll@vt.edu, or 319 Burruss Hall (0265), Virginia Tech, Blacksburg, VA 24061.

Outbursts is a publication of Outreach and International Affairs Guru Ghosh, vice president

Editorial and graphics staff

Andrea Brunais 540-231-4691 Rich Mathieson 540-231-1419 Miriam Rich 540-231-4153 Lois Stephens 540-231-4084

On the Web

www.outreach.vt.edu/outbursts

RESOLUTION TO APPROVE THE FACULTY OF HEALTH SCIENCES

WHEREAS, Virginia Tech's 2012-2018 Plan for a New Horizon calls for strategic initiatives such as the creation of academic organizational frameworks such as The Faculty of Health Sciences that are designed to advance research and graduate education, and foster innovative and synergistic interactions among Virginia Tech faculty; and

WHEREAS, the university plans to grow graduate enrollment and post-doctoral positions in Science, Technology, Engineering, Mathematics and Health Sciences; and

WHEREAS, the Faculty of Health Sciences (FHS) promotes continued growth, improvement, and integration in biomedical and health sciences research and educational programs from all the colleges at Virginia Tech; and

WHEREAS, faculty members appointed to the FHS will maintain their primary appointment and be selected for a secondary appointment in the FHS based upon research, teaching, outreach, and/or administrative contributions to Virginia Tech's biomedical and/or health sciences initiatives, and

WHEREAS, the associate provost for health sciences will lead the FHS, and will establish and oversee an appointment process to the FHS;

NOW, THEREFORE BE IT RESOLVED, that the Virginia Tech Faculty of Health Sciences be approved as an organizational framework for secondary faculty appointments; and

BE IT FURTHER RESOLVED, that the Faculty Handbook and other policy documents will be changed at the appropriate times to reflect the Faculty of Health Sciences.

RECOMMENDATION:

That the resolution to approve the Faculty of Health Sciences be approved.

November 18, 2013

RESOLUTION TO APPROVE THE DEGREE NAME CHANGE FROM FORESTRY AND WILDLIFE TO FOREST RESOURCES AND ENVIRONMENTAL CONSERVATION

Dr. Paul Winistorfer, dean of the College of Natural Resources and Environment, will present for consideration a resolution to change the name of the B.S. in forestry and wildlife to forest resources and environmental conservation.

Attachments:

- Resolution
- Dr. Winistorfer's powerpoint slide presentation

RESOLUTION TO APPROVE THE DEGREE NAME CHANGE FROM FORESTRY AND WILDLIFE TO FOREST RESOURCES AND ENVIRONMENTAL CONSERVATION

WHEREAS, the College of Natural Resources and Environment has grown and specialized over the past 30 years with Departments of Forest Resources and Environmental Conservation, Fish and Wildlife Conservation, Sustainable Biomaterials, and Geography; and

WHEREAS, our current degree students obtain a strong background in more than forestry and wildlife areas; and

WHEREAS, our current degree students are trained in land management, commodity production, stewardship of natural resources, the sustainable provision of ecosystem services, and other human-environmental interactions; and

WHEREAS, the degree in forest resources and environmental conservation will better reflect the interests and scholarship of undergraduate students as well as increase congruence with the job opportunities they seek; and

WHEREAS, the new degree name better reflects current majors within the extant program, including forestry, environmental resource management, and natural resource conservation; and

WHEREAS, the job titles of our recent graduates--arborists, soil conservationist, conservation technician, environmental educator, forester, forestry technician, natural science curator, park ranger, resource manager, and staff naturalist--better reflect the new degree name;

NOW, THEREFORE BE IT RESOLVED that the degree name of bachelor of science in forestry and wildlife be changed to bachelor of science in forest resources and environmental conservation effective fall 2014 and forwarded to the Board of Visitors for approval, the State Council of Higher Education for Virginia for approval, and to the Southern Association of Colleges and Schools-Commission on Colleges for notification.

RECOMMENDATION:

That the resolution to approve the degree name of Bachelor of Science in Forestry and Wildlife be changed to Bachelor of Science in Forest Resources and Environmental Conservation.

November 18, 2013





College of Natural Resources and Environment

Curriculum Update – Paul Winistorfer, Dean

Academic Affairs Committee, November 18, 2013



Background

- With the exception of the geography and meteorology degrees all undergraduate students in the college used to come under a single B.S. degree program: B.S. in Forestry and Wildlife
- Separating this single degree into a portfolio of four degrees commenced with BOV action in June 2013.
 - B.S. Sustainable Biomaterials (new)
 - B.S. Packaging Systems and Design (new)
 - B.S. Fish and Wildlife Conservation (new)
 - B.S. Forestry and Wildlife (existing rename)





College of Natural Resources and Environment B.S. Forestry and Wildlife

Name Change for BOV Approval November 18, 2013

B.S. Forest Resources and Environmental Conservation

B.S. Fish and Wildlife Conservation

BOV Approved New Degrees June 3, 2013

B.S. Sustainable
Biomaterials
B.S. Packaging
Systems
and Design

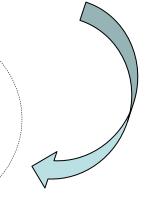
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College of Natural Resources and Environment

B.S. Forestry and Wildlife

B.S. Forest Resources and Environmental Conservation



We seek your approval to rename the existing B.S. in Forestry and Wildlife

to

Name Change for BOV Approval November 18, 2013 B.S. Forest Resources and Environmental Conservation





Questions?



Committee Minutes

BUILDINGS AND GROUNDS COMMITTEE

The Inn at Virginia Tech 7:45 a.m., Tour from The Inn 9:00 a.m. Open Session, Solitude Room

November 18, 2013

Open Session

Board Members Present: Mr. John Rocovich, Mr. William Fairchild, Mr. William Holtzman

VPI&SU Staff: Dr. Malcolm Beckett, Mr. Bob Broyden, Ms. Vickie Chiocca, Mr. Van Coble, Dr. Eleanor Finger, Chief Wendell Flinchum, Deputy Chief Kevin Foust, Major General Randy Fullhart, Mr. Mark Gess, Ms. Natalie Hart, Mr. Larry Hincker, Mr. Rick Hinson, Ms. Elizabeth Hooper, Ms. Leigh LaClair, Ms. Heidi McCoy, Mr. Richard McCoy, Mr. Michael Mulhare, Ms. Kim O'Rourke, Mr. Mark Owczarski, Mr. Charles Ruble, Ms. Kayla Smith, Mr. Jason Soileau, Mr. Robert Spieldenner, Ms. Susan Steeves, Dr. Charles W. Steger, Dr. Lisa Wilkes, Dr. Sherwood Wilson

Guests: Ms. Jessica Bennett, Mr. Michael Hubbard, Dr. Jeff Kirwan, Mr. Dan McKinney, Ms. Rebekah Paulson, Ms. Gail Zatcoff

- **1. Tour of the Human and Agricultural Biosciences Building I (HABBI):** The Committee toured the Human and Agricultural Biosciences Building I (HABBI).
- 2. Opening Remarks and Approval of Minutes of the September 9, 2013 Meeting: The minutes of the September 9, 2013 meeting were approved.
- * 3. Resolution on Appointment to the Blacksburg-Virginia Polytechnic Institute Sanitation Authority: The Committee recommended full board approval of a resolution reappointing Lucius M. Merritt, Jr. as a joint representative on the Blacksburg-Virginia Polytechnic Institute Sanitation Authority for a four-year term expiring on January 1, 2018.
- * 4. Resolution on Demolition of University Building 270F: The Committee recommended full board approval of a resolution to demolish building number 270F on university property. This is a modular building previously used for administrative offices that is located on Stanger Street on the central campus in Blacksburg. The building is generally in poor condition and is uneconomical to repair.
- * 5. Resolution on Demolition of University Building 745: The Committee recommended full board approval to demolish building number 745 on university

property. This structure is a sheep/cattle barn located at the Southwest Virginia Agricultural Research and Extension Center near Glade Spring that is generally in poor condition and is uneconomical to repair.

- * 6. Resolution on the Sale of Timber at the Southern Piedmont Agricultural Research and Extension Center (AREC): In 2002, the university acquired from the U.S. Department of Education, through a public benefit conveyance, property in Nottoway County, Virginia that is the site of the Southern Piedmont Agricultural Research and Extension Center. The acquisition agreement provides for the use of the property for certain educational purposes and also provides for the harvesting of timber on the property and the use of the timber proceeds. The Committee recommended full board approval of a resolution authorizing the sale of timber on approximately 167 acres at market rate and the expenditure of the timber proceeds on-site at the Southern Piedmont Agricultural and Extension Center.
- * 7. Resolution on Transfer of Property to Virginia Tech/Montgomery Regional Airport Authority: The Committee recommended full board approval of a resolution authorizing the university to transfer ownership of 26.361 acres of land in fee simple and a total of 21.469 acres of land in a permanent easement to the Virginia Tech/Montgomery Regional Airport Authority ("Airport Authority") on July 1, 2014, or as soon thereafter as practical. This transfer of property will be secured by a grant anticipation note from the Airport Authority. The total consideration for this conveyance is \$9.4 million, which will be funded by federal and state grants through the Federal Aviation Administration (FAA) and/or the Virginia Department of Aviation (DOAV), and used by the university to offset the relocation of the Dairy Science facilities along Southgate Drive. The purchase and sales agreement has an explicit reversionary clause stating that failure of full payment to the university from the grant anticipation note by July 1, 2044 will cause the property to revert back to the university with no further financial obligation from the university. Additionally, the contract provides a mechanism causing the property to revert back to the university should the Airport Authority cease to exist. The resolution authorizes the Vice President for Administration to execute the sales contract, the deed, and any other documents necessary.

The agreement requires final written approval of the Governor of Virginia. This transfer of ownership and easement to the Airport Authority will allow for the expansion of the current airport facility. Dr. Steger emphasized the criticality of the airport expansion to the economic interests of business, the university and the surrounding community. He also commended Dr. Wilson and his staff for successfully working through the complexities of the purchase agreement with all the parties involved.

8. Design Review of the Route 460/Southgate Drive Interchange Project: As requested by the Virginia Department of Transportation (VDOT), the Committee reviewed and approved the proposed designs shown at a public hearing on October 21, 2013, for the new grade separated interchange project at US Route 460 and Southgate Drive. The project also includes the relocation of portions of Southgate Drive and the Huckleberry Trail.

- 9. Design Review of the Upper Quad Residential Facilities: The Committee reviewed and approved the preliminary designs for two new Upper Quad residence halls to replace the existing Rasche and Brodie Halls. Each replacement structure will be five-stories and more than 110,000 gross square feet, and will provide a combination of double and triple resident rooms with community hall bathrooms. The traditional corps exterior spaces and elements, including the "VT" formation will be saved and/or repositioned to facilitate continuation of corps traditions and functions. Completion of the replacement Rasche Hall is scheduled for summer 2015, allowing corps occupancy in the fall 2015 semester. Completion of the new Brodie Hall is scheduled for the summer of 2016, allowing corps occupancy in the fall of 2016.
- **10.** The 2012 Jeanne Clery Act Report on Campus Security and Fire Safety: The Committee received the annual campus security and fire safety report for Virginia Tech.
- 11. Capital Project Status Report: The Committee received an update on the status of all capital projects including the Kentland Farm-Dairy Relocation project, the Center for the Arts, the Human and Agricultural Biosciences Building I (HABBI), Davidson Hall renovation and the Signature Engineering Building.

Adjournment

There being no further business, the meeting adjourned at 10:29 a.m.

^{*}Requires full Board approval.

Capital Project Information Summary – Route 460/Southgate Drive Interchange Project

BUILDINGS AND GROUNDS COMMITTEE

November 18, 2013

Title of Project:

Route 460/Southgate Drive Interchange Project

Location:

The new US Route 460/Southgate Drive interchange will be constructed .35 miles (approximately 2,000 linear feet) southeast of the existing at-grade intersection of Southgate Drive and US Route 460.

Current Project Status and Schedule:

The project is currently in the design phase (expected to continue through January 2014). Right of way acquisition is expected to be complete by February 2014. It is anticipated that the project will receive bids by December 2014, with construction to commence by March 2015.

Project Description:

The purpose of this project is to improve safety and reduce congestion at the existing atgrade intersection of US Route 460 Bypass and Southgate Drive by replacing it with a grade separated interchange. This interchange will include the relocation of portions of Southgate Drive and the Huckleberry Trail. In coordination with the concurrent Virginia Tech Montgomery Executive Airport (Airport) expansion, accommodations for the relocation of Research Center Drive and other affected segments of the Huckleberry Trail have been planned as part of this project.

Brief Program Description:

The interchange will enhance the regional transportation network by improving an important connection between the Route 460 Bypass, the campus of Virginia Tech, and the Town of Blacksburg. The interchange will also improve roadway safety by providing a safer, less congested interchange at a critical intersection, particularly during peak traffic flow events. Finally, by serving as an expanded main entrance for the Corporate Research Center (CRC) and the Airport, the interchange will enhance job growth and economic expansion in the New River Valley.

Contextual Issues and Design Intent:

The bridge used to create the grade separation will express unique Virginia Tech architectural features such as faux Hokie Stone on its abutments and pre-cast spans with appropriate medallions. The roadway replacing Southgate Drive will have the appearance of a parkway with varied median width and will highlight important view sheds to campus. Two roundabouts will serve as major gateways into both the main campus and the CRC and Airport. An unmanned Visitor's Pavilion will be adjacent to the roundabout nearest campus.

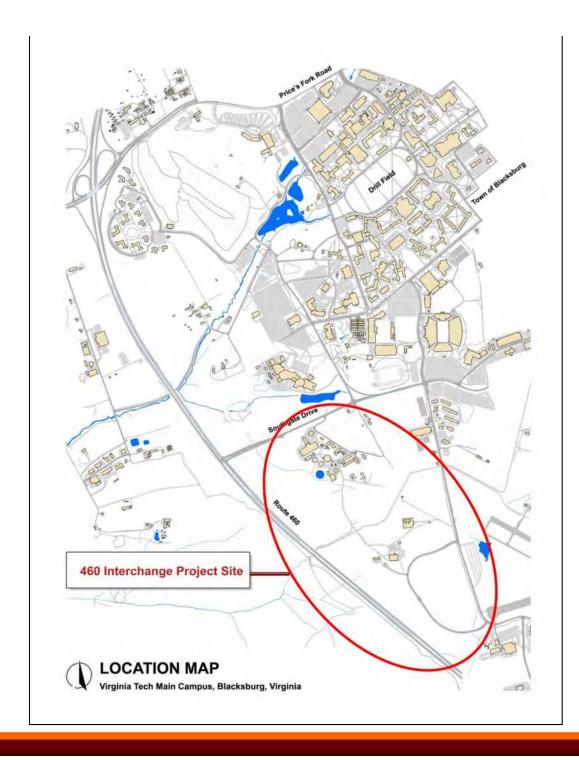
Architect/Engineer: Virginia Department of Transportation (VDOT) and their consultant A. Morton Thomas and Associates (AMT)

Construction Manager: Unknown at this time.

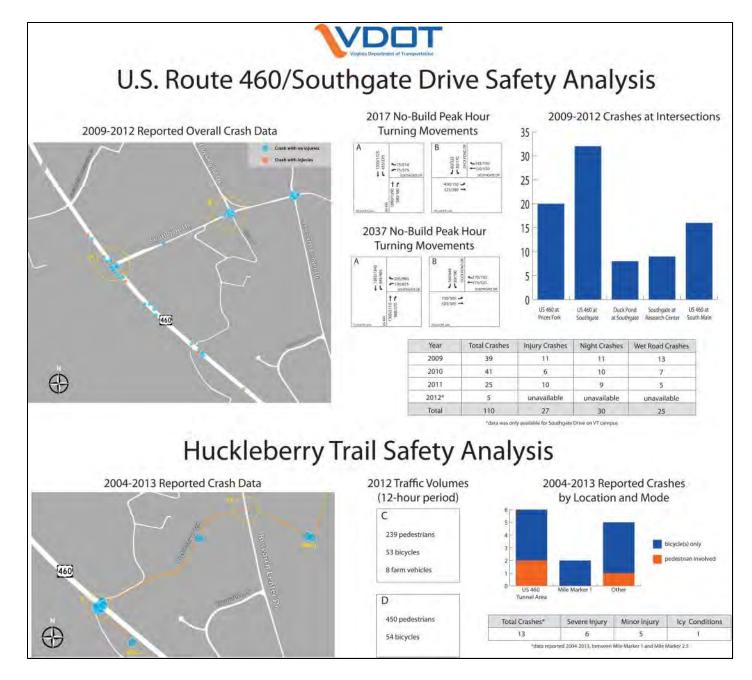


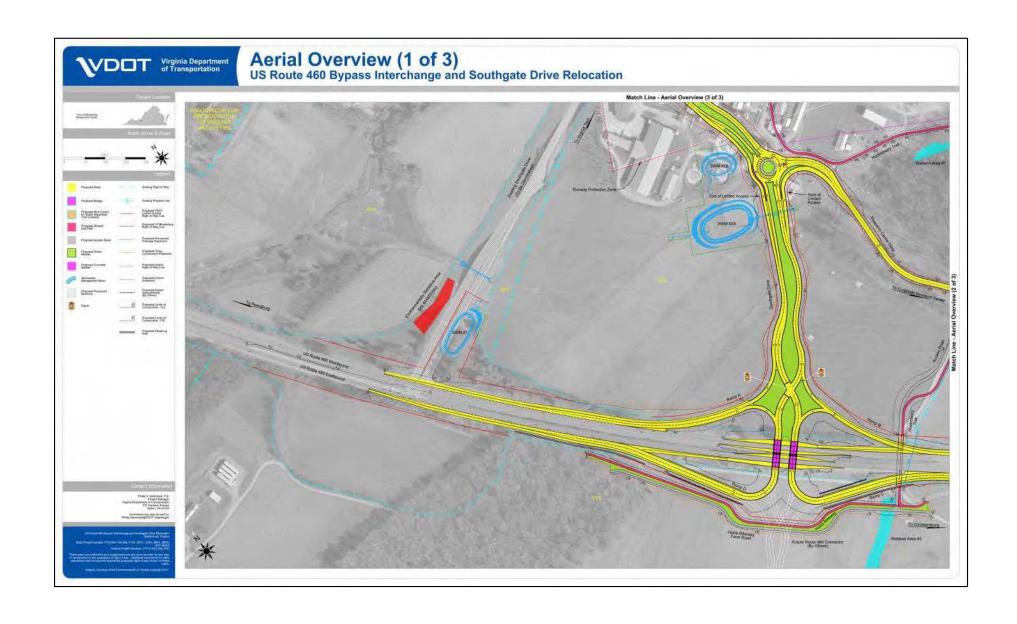
REQUEST FOR AUTHORIZATION ON PROPOSED DESIGN:

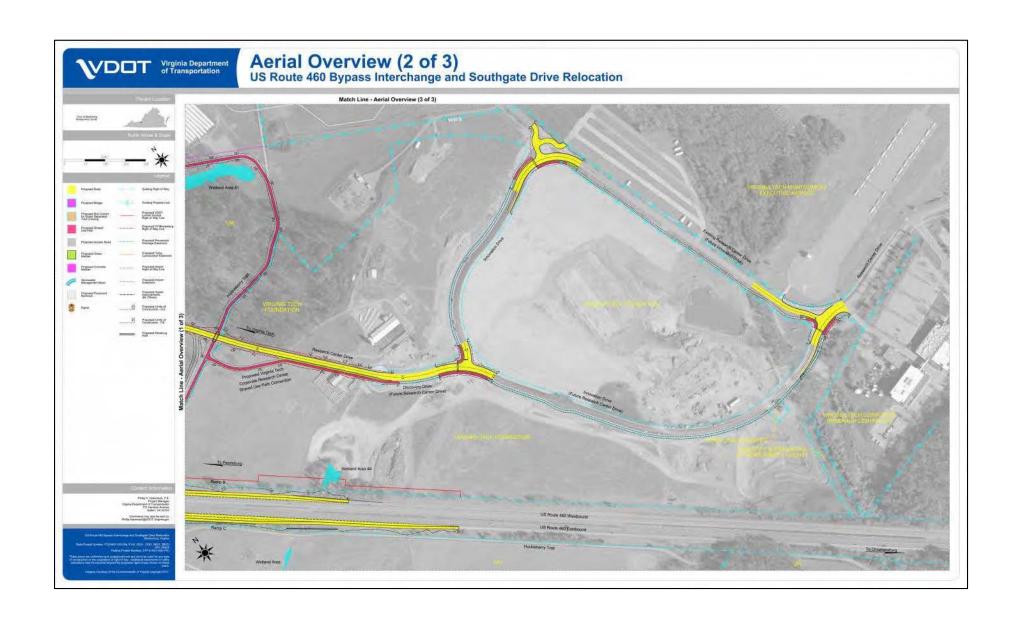
VDOT has specifically requested that Virginia Tech's Board of Visitors provide authorization on the proposed project design as it was shown at the public hearing on October 21, 2013.

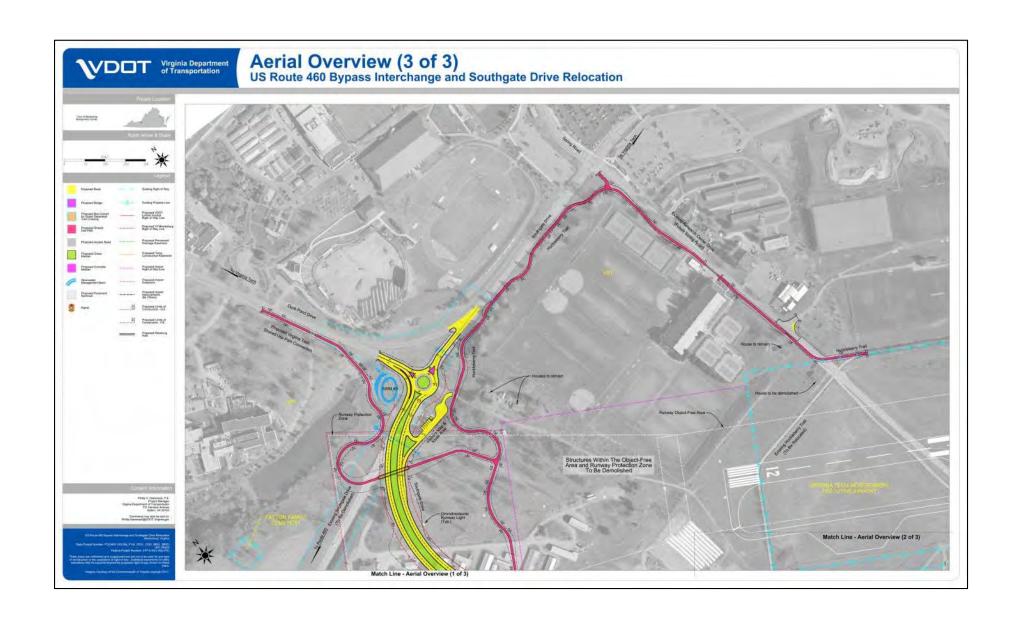


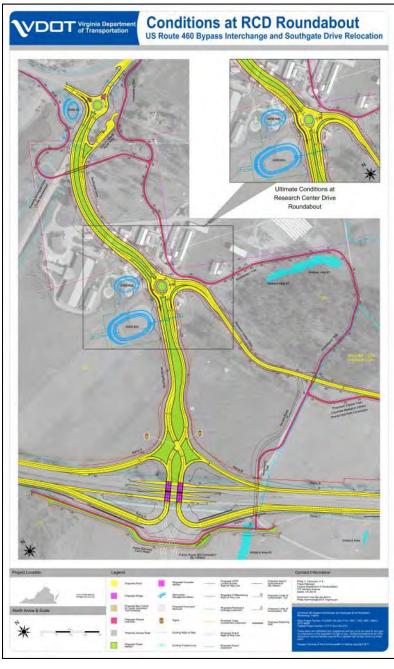
ROUTE 460/ SOUTHGATE DRIVE INTERCHANGE



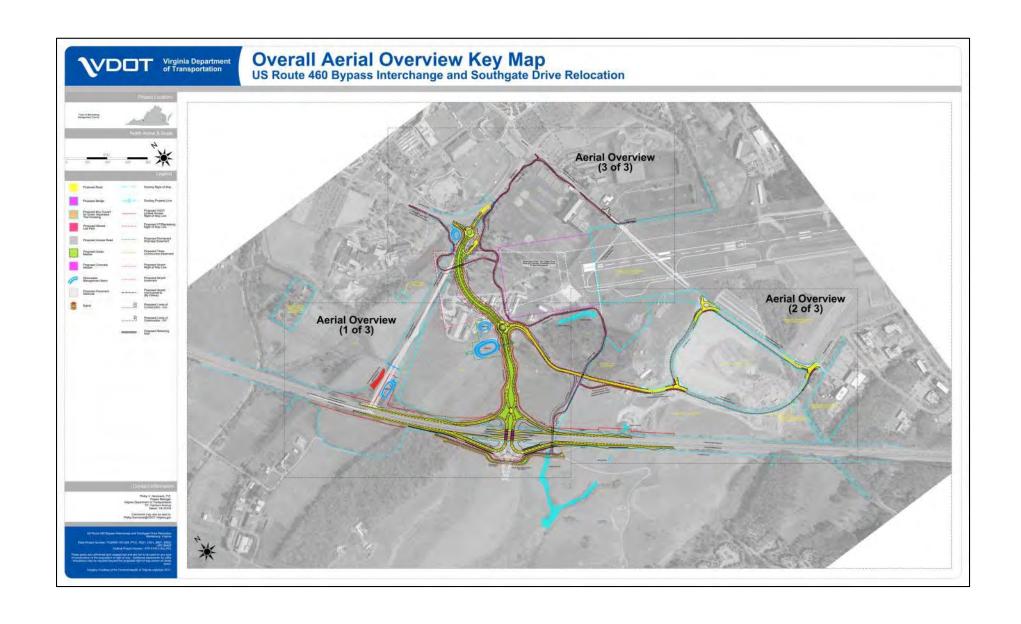


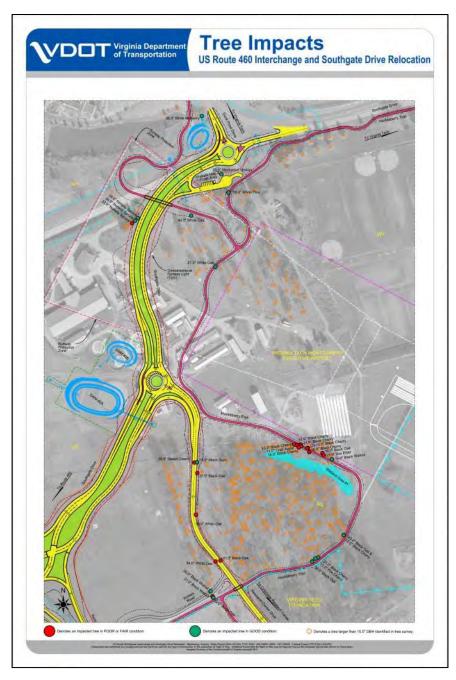




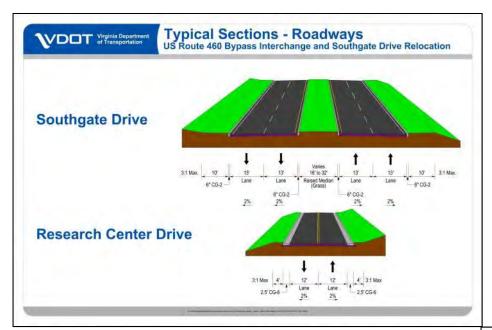


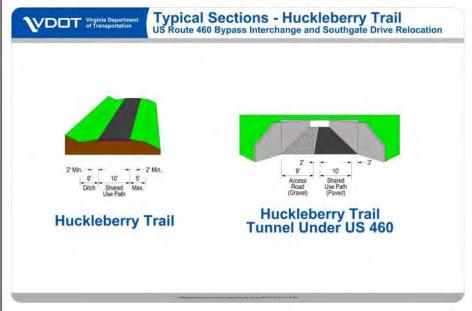
ROUTE 460/ SOUTHGATE DRIVE INTERCHANGE





ROUTE 460/ SOUTHGATE DRIVE INTERCHANGE





ROUTE 460/ SOUTHGATE DRIVE INTERCHANGE

RECOMMENDATION FOR PROPOSED DESIGN:

RECOMMENDATION:

That authorization be provided to Virginia Department of Transportation (VDOT) (in consultation with Virginia Tech) to continue with the project design consistent with the drawings shown at the public hearing on October 21, 2013, with an anticipated bid date of December 2014.



Capital Project Information Summary – Upper Quad Residential Facilities

BUILDINGS AND GROUNDS COMMITTEE

November 18, 2013

Title of Project: Upper Quad Residential Facilities

Location:

The current 1,000 plus Corps of Cadets (corps) population is currently housed in four residence halls on the Upper Quad: Monteith, Thomas, Rasche and Brodie Halls. This project involves the demolition of Rasche and Brodie Halls and the construction of two new replacement halls, which will, in combination, house the full corps population. The replacement building footprints will approximately match the existing Rasche and Brodie Halls, located at the south end of the Upper Quad, overlooking Alumni Mall. The vista to the front of Lane Hall, as seen from the Alumni Mall between the two existing halls, will be recreated with the replacement halls. The corps formation field, south of Lane Hall, will be preserved.

Current Project Status and Schedule:

The project is in the preliminary design phase. Subsequent design phases are expected to continue through January 2014. The project is consistent with the Upper Quad Master Plan which was completed in April 2013. A preview of the schematic design was provided and approved at the September 9, 2013 Buildings and Grounds Committee meeting.

Project Description:

The project includes replacement of two residence halls: the 62,491 gross square foot (GSF) Rasche Hall and the 66,037 GSF Brodie Hall. The 114,885 GSF replacement Rasche Hall and 112,266 GSF replacement Brodie Hall will provide a combination of double and triple resident rooms with community hall bathrooms. In support of the modern corps programs, the new residence halls will feature multiple community, study, social and other program support spaces. The traditional corps exterior spaces and elements, including the "VT" formation, will be saved and/or repositioned to facilitate continuation of corps traditions and functions.

Brief Program Description:

The two replacement residence halls will provide living space for over 1,085 cadets and are planned to meet the full housing requirements of the corps. The ground (main) floors of both halls will house most common spaces, including the corps' company meeting rooms, kitchen/living rooms, and mail/laundry/student storage spaces. Each upper floor will include multiple study rooms and a centrally located hall lounge.

Contextual Issues and Design Intent:

Primary exterior materials will include sloping slate roofs with gable ends, native stone, precast concrete, and single and grouped bay windows in keeping with recent contemporary collegiate gothic residence halls constructed on campus. Each "L" shaped hall will be four stories above grade on the Quad sides, and five stories on the mall and perimeter sides to take advantage of the sloping sites. A prominent tower is the focal point at the intersection of each building's perpendicular wings. Heraldry and ornamentation appropriately expressing corps tradition and history are currently being developed.

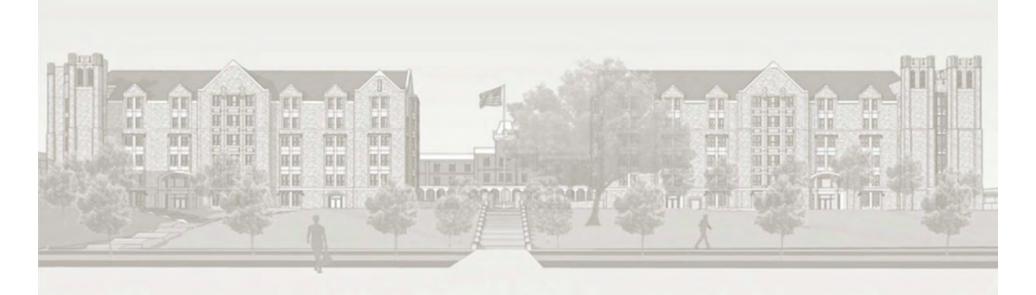
Architect/Engineer: Clark Nexsen

Construction Manager: Barton Malow

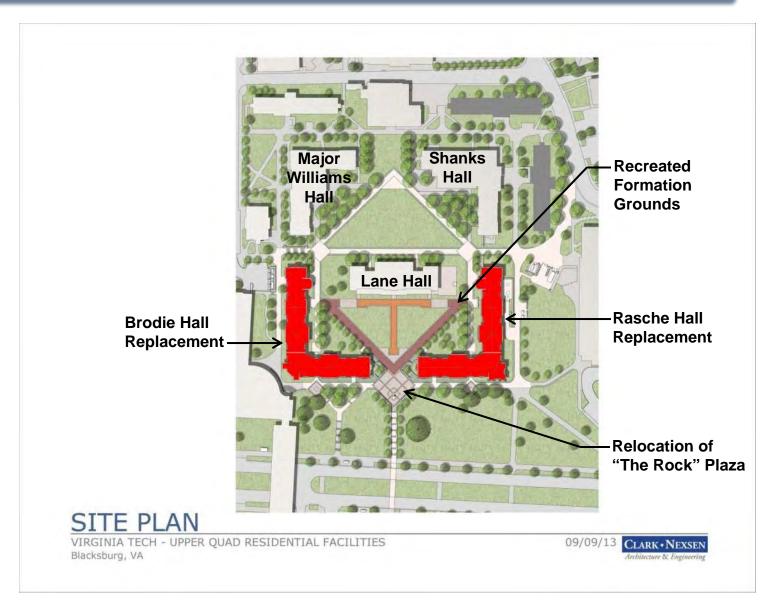
Design Review of:

UPPER QUAD RESIDENTIAL FACILITIES

Rasche Hall & Brodie Hall Replacements



UPPER QUAD: MASTER PLAN



UPPER QUAD RESIDENTIAL FACILITIES

RECOMMENDATION FOR PROPOSED DESIGN:

RECOMMENDATION:

That the design review graphics be approved and authorization be provided to continue with the project design consistent with the drawings shown, with an anticipated construction start date of Spring 2014.

Thank You





VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY





2012 JEANNE CLERY ACT REPORT

THE ANNUAL CAMPUS SECURITY AND FIRE SAFETY REPORT FOR THE

VIRGINIA TECH BLACKSBURG CAMPUS

September 27, 2013



CAMPUS SAFETY: A SHARED RESPONSIBILITY

The Virginia Tech Police Department is a Nationally Accredited Law Enforcement Agency.

Virginia Tech Annual Campus Security and Fire Safety Report

The Virginia Tech Police Department has been designated as the department responsible for compiling and publishing the university's annual security and fire safety report. This document is intended to serve as the annual security and fire safety report, as required by the Higher Education Opportunity Act and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act. The purpose of the report is to provide information about security on campus, to include: campus and community crime statistics, fire statistics and safety information, policy information, safety tips, resource phone numbers and a brief overview of the many services the university provides. A map of the campus can be found at: http://www.police.vt.edu/clerymaps and is attached in *Appendix A*. Keep this information where it can be easily located; it provides you with a useful reference source of information.

Information for this report is compiled from reports provided by campus security authorities including, but not limited to, the Office of Emergency Management, Office of Student Conduct, Environmental Health and Safety, the Dean of Students Office, the Virginia Tech Women's Center, and the Office of Residence Life. Statistics are also compiled from law enforcement agencies in jurisdictions that Virginia Tech owns property, leases property, or controls property or those with jurisdiction on adjacent property. Information for the main campus in Blacksburg was obtained from the Blacksburg Police Department, the Montgomery County Sheriff's Office, the Christiansburg Police Department, the Virginia Department of Alcoholic Beverage Control, the New River Regional Drug Task Force, and the Virginia State Police. Individuals, who want to report crimes for inclusion in the Annual Security Report, or for the purpose of making timely warning reports, should report them to the Virginia Tech Police Department.

Virginia Tech is committed to providing the members of the campus community and visitors with the safest and most secure environment possible; however, even the most extensive initiatives cannot succeed without the awareness and cooperation of the community members who work, study, and live on campus.

Campus Overview

Virginia Polytechnic Institute and State University has a student population of over 28,000 on its main campus and serves over 2,300 students at extension campuses located throughout the Commonwealth. Surrounded by the Town of Blacksburg, Virginia Tech is situated on 2,600 beautifully landscaped acres located in the New River Valley and only a short drive from the scenic Blue Ridge Mountains, the Appalachian Trail, and the New River itself.

Virginia Tech Police Department

The Virginia Tech Police Department (VTPD) is a nationally accredited professional law enforcement organization staffed by highly trained men and women. The department consists of 51 sworn officers and a full time support staff of 23 employees. Numerous seasonal employees supplement the support staff during the academic year. The Virginia Tech Police Department operates 24 hours a day and provides full police services to the university community. The officers are state-certified and empowered to enforce all federal, state, and local laws on university property. They have full authority to make arrests and carry firearms. In addition to patrol, investigation, and crime prevention, the department answers calls for assistance, such as motorist assists.

Virginia Tech police officers have jurisdiction and respond to incidents on the immediate campus in Blacksburg, Virginia, property owned or leased by Virginia Tech, and university related corporations in the Blacksburg area. The Virginia Tech Police Department has jurisdiction on any other public or private institution of higher learning, if requested by that institution. A concurrent jurisdiction agreement was granted by the Circuit Court Judge of Montgomery County and includes the Towns of Blacksburg and Christiansburg, as well as the County of Montgomery.

The Virginia Tech Police Department also has a specified enhanced patrol zone in downtown Blacksburg. Officers have the authority to conduct routine patrol and make arrests in the enhanced patrol zone. A map displaying these boundaries has been added to this report as *Appendix B* and can be found online at http://www.police.vt.edu/clerymaps.

The Virginia Tech Police Department maintains a close working relationship with the Virginia State Police, Blacksburg Police Department, Montgomery County Sheriff's Office, and Christiansburg Police Department, as well as other law enforcement agencies throughout the state. The Virginia Tech Police Department has a written Memorandum of Understanding with the Blacksburg Police Department and the Virginia State Police concerning sexual assault and death investigations. The Virginia Tech Police Department does not have any other written Memorandum of Understanding with any other law enforcement agency concerning the investigation of criminal incidents, as the department has the responsibility and authority to conduct all criminal investigations for crimes that occur on Virginia Tech owned, leased, or controlled property. The monitoring and recording of criminal activity in which students engaged at off-campus locations of officially recognized student organizations, including those with offcampus housing facilities is done through communications with the Blacksburg Police Department, and other local law enforcement agencies based on addresses of recognized student organizations. As a participant in the National Crime Information Center (NCIC) and the Virginia Crime Information Network (VCIN), the Virginia Tech Police Department is able to transmit and receive crime information with other police agencies throughout the United States. Through its membership in related professional organizations, the department is able to keep abreast of new or developing ideas and has a medium for the exchange of information on law enforcement issues. The Virginia Tech Police Department has a news release called "Daily Crime and Fire Log" that is published each day with the exception of weekends and holidays. The "Daily Crime and Fire Log" lists all incidents of crime and actual fires in residence halls within the past 24 hours, or over the weekend. A copy is e-mailed to administrative personnel with a need to know and to the local media stations. The report is available for review 24 hours a day at the Virginia Tech Police Department Communications Center located at 230 Sterrett Drive, Blacksburg Virginia 24061, at

the Office of the Chief of Police located at 330 Sterrett Drive, Blacksburg Virginia 24061, and on the department's website at www.police.vt.edu. The Blacksburg Police Department notifies the university, via a Referral of Student Conduct, when students or university recognized student groups are involved in criminal activities off campus within the Town of Blacksburg.

Policies and Regulations

Timely Warnings / Crime Alerts

Timely Warnings/ Crime Alerts will be provided to the community in the event of a reported crime, either on campus or off, that, in the judgment of the Chief of the Virginia Tech Police Department or a designee, constitutes an ongoing or continuing serious threat to the university community. The Clery crimes for which Timely Warnings / Crime Alerts may be issued may include, but are not limited to, arson, homicide, burglary, robbery, sex offenses, aggravated assault and motor vehicle theft.

The *Timely Warnings / Crime Alerts* are generally written by the Chief of Police or a designee and they are typically distributed to the community via email to anyone who has a vt.edu email address by University Relations or the Virginia Tech Police Department. If someone from University Relations is unavailable, there are several administrators in the Virginia Tech Police Department who can initiate the email system. The *Timely Warnings/ Crime Alerts* are also posted on the Virginia Tech Police Department website. Updates to the Virginia Tech community about any particular case resulting in a *Timely Warning / Crime Alert* will normally be distributed via email.

Missing Persons

If a member of the University community has reason to believe that a student who resides in oncampus housing is missing, he or she should *immediately* notify the Virginia Tech Police Department at 540-231-6411. The Virginia Tech Police Department will generate a missing person report and initiate an investigation.

After investigating the missing person report, should the Virginia Tech Police Department determine that the student is missing and has been missing for more than 24 hours; the Virginia Tech Police Department will notify the student's confidentially identified missing person contact, no later than 24 hours after the student is determined to be missing. If the missing student is under the age of 18 and is not an emancipated individual, the Virginia Tech Police Department will notify the student's parent or legal guardian immediately after making the determination that the student has been missing for more than 24 hours. As required by law, the Virginia Tech Police Department will inform the Blacksburg Police Department of any missing student in order to inform them that the Virginia Tech Police Department has conducted an initial investigation and has determined that a student is missing. This notification will be made no later than 24 hours after the student is determined to be missing.

In addition to registering an emergency contact, students residing in on-campus housing have the option to identify, confidentially, an individual to be contacted by Virginia Tech in the event the student is determined to be missing for more than 24 hours. Students who wish to identify a

confidential contact can do so through the Hokie Spa web site. This confidential contact information will be accessible to authorized campus officials and law enforcement only, and will not be disclosed outside of a missing person investigation.

Security and Access to Campus Buildings

Security and access control design standards have been developed for new and renovated buildings owned by the university. Designs are reviewed by the Virginia Tech Police Department for compliance with security requirements. Exterior doors in all residence hall buildings remain locked at all times except in those buildings that also house university offices. During special circumstances such as student move in, exterior entrances are scheduled to be unlocked during specified time periods. Residents of the building and their escorted guests, as well as authorized persons, access the building by utilizing the card access system. Resident Advisors (RAs) and Housing and Residence Life Resource Officers make rounds during evening hours to verify that exterior entrances are locked and secured. Academic and administrative buildings are open to the public during operating hours and are generally secured after operating hours and during extended breaks. For information about the access protocol for a specific building, see the building manager, a department head, or contact the Virginia Tech Police Department at 540-231-6411. All campus buildings are patrolled by the Virginia Tech Police Department in order to monitor and address any security measures needed.

Virginia Tech has designed policies and regulations in order to create a safe and harmonious environment for the members of its community. All campus community members and visitors of the university are required to obey these regulations. These policies not only reflect the university's high standards of conduct, but also local, state and federal laws. Observed and enforced, they create a significant degree of safety for the university community.

Security Considerations used in the Maintenance of Campus Facilities

Housing and Residence Life Resource Officers also make reports of malfunctioning lights and other unsafe physical conditions that need to be addressed. Information in those reports is forwarded to the appropriate facility/department for follow-up. Facilities and landscapes are maintained in a manner that minimizes hazardous conditions. When facilities receive maintenance or renovations, security measures such as lighting, landscape and entrance security are included, if it is deemed necessary by the Office of the University Architect and the Virginia Tech Police Department Crime Prevention Specialist.

Alcohol and Drugs

Virginia Tech recognizes that the misuse and abuse of alcohol is a persistent social and health problem of major proportion in our society and that it interferes with the goals and objectives of any educational institution. Accordingly, Virginia Tech does not encourage the use of alcoholic beverages and strongly discourages illegal or otherwise irresponsible use of alcohol. Members of the university community are responsible for their decisions regarding their use of alcohol as well as their behavior, which occur as a result of these decisions. In this context, Virginia Tech created a comprehensive policy on Alcoholic Beverages and Other Controlled Substances. This policy can be found in the University Polices for Student Life and on the web at http://www.studentconduct.vt.edu.

Alcohol Policy

Virginia Tech fully enforces the alcohol regulations of the Commonwealth of Virginia. All state laws apply to Virginia Tech students, faculty, staff, and visitors while in the Commonwealth of Virginia. These laws prohibit possession, use, sale, distribution, and consumption of all alcoholic beverages by persons less than 21 years of age while in the Commonwealth of Virginia. To maintain conditions conducive to a learning environment, and to ensure that all community members are in a safe, productive environment, the university further restricts the use of alcohol within specified criteria. For more comprehensive details, please refer to the University's Policy on Alcoholic Beverages at http://www.policies.vt.edu/1015.pdf.

Controlled Substances

The university strictly prohibits the illegal use, sale or possession of any controlled substance. Virginia Tech fully enforces both federal and state drug laws. The illegal use of controlled substances is incompatible with the goals of an academic community. Students found guilty of possessing, using, distributing, or selling controlled substances will face serious disciplinary action that may include suspension and/or dismissal from the university for the first offense. Violations of state law should be reported to the Virginia Tech Police Department which will take appropriate legal actions. For more comprehensive details, please refer to the University's Policy for a Drug Free University at http://www.policies.vt.edu/1020.pdf.

Pastoral and Professional Counselors

The Women's Center at Virginia Tech employs counselors. Crimes reported to the Women's Center are confidential, but information such as the location, date, and offense type are communicated to the police department for inclusion in the annual crime statistics. Counselors at the Cook Counseling Center provide information to victims about other community services available to them as well as the procedures for reporting crimes to the Virginia Tech Police Department. There are no formal procedures that require professional counselors to inform persons they are counseling of any procedures to report crimes on a voluntary and confidential basis for inclusion in the annual disclosure of crime statistics.

Emergency Response and Evacuation Information Compiled by the Office of Emergency Management

Emergency Notifications

Virginia Tech will immediately notify the campus community upon the confirmation of a significant emergency or dangerous situation involving an immediate threat to the health or safety of students or staff occurring on the campus. In accordance with the Higher Education Act of 1965 as amended and Section 23-9.2:11 of the Code of Virginia, the university has implemented a comprehensive communications system, "VT Alerts," to provide prompt warning notifications and alerts of immediate threats to the health and safety of members of the campus community using a variety of methods, including but not limited to: email notices; phone, cellular phone, and text messages; classroom electronic message signs; posters; university website notices; campus loud speakers/sirens, desktop alerts and twitter feed @vtalerts. Protocols for emergency notifications, as outlined in the Emergency Notification Systems Protocols, are available at: http://www.emergency.vt.edu/programs/plans/ENSprotocol.pdf

Parents and members of the larger community are not eligible to sign up for all of the immediate notifications through Virginia Tech Alerts. However, they are able to sign up for Desktop Alerts and the @vtalerts twitter feed and are encouraged to do so and can also check the University Website at http://www.vt.edu for updates during an emergency on campus. The Virginia Tech Police Department is primarily responsible for confirming that there is a significant emergency or dangerous situation on campus that could cause an immediate threat to the health and safety of the members of the campus community. There are other departments on campus that could be in a position to confirm certain types of emergencies. The Office of University Relations, the Virginia Tech Police Department, the Office of Emergency Management and the Vice President for Administrative Services have access to the systems to notify the campus community of immediate threats that have occurred and necessitate evacuation, shelter or secure in place or other action on the part of students, employees, and campus visitors. These departments have the authority to determine the appropriate segment or segments of the campus community that will receive alerts, to determine the content of the alert, and to initiate the notification system. The institution typically provides follow-up information to the community using the same systems that were used to send out the original alert.

One of the listed departments above will, without delay, take into account the safety of the community, determine the content of the notification and initiate the notification system, unless issuing a notification will, in the professional judgment of first responders, compromise efforts to assist a victim or to contain, respond to, or otherwise mitigate the emergency. The typical first responders to an incident that causes an immediate threat to the health and safety of the Virginia Tech community include the Virginia Tech Police Department, Virginia State Police, Blacksburg Police Department, Montgomery County Sheriff's Office, Christiansburg Police Department, Virginia Tech Rescue and the Blacksburg Fire and EMS Department.

Annually, the Offices of University Relations and Human Resources provide communications to the university community regarding university procedures for authorized closings and receiving emergency alerts. Additional information about the "Alert" process can be found in the University Safety and Security Policy at: http://www.policies.vt.edu/5615.pdf

Emergency Preparedness

Emergency preparedness and information on what to do in an emergency can be found on the "Be Hokie Ready" link from the Office of Emergency Management webpage http://www.emergency.vt.edu. In an emergency it is important to remember three important things: do not take unnecessary risks, there is no substitute for remaining calm, and always use common sense.

University departments are responsible for developing Emergency Action Plans (EAP) and Continuity of Operations Plans (COOP) for their staff and areas of responsibility. The University conducts numerous emergency response exercises each year, including table top exercises, functional exercises, drills and tests of the emergency notification systems on campus. These tests are designed to assess and evaluate the emergency plans and capabilities of the institution. Drills and exercises completed during 2011 are listed in table 1.

Table 1

Date	Name	Descriptio	Announced/Unannounce
		n	d
1/14/2012	Evacuation Drill	Drill	announced
2/16/2012	Evacuation Drill	Drill	announced
02/23/12	EAP/ENS/COOP	Tabletop	announced
02/24/12	EAP/ENS/COOP	Tabletop	announced
02/27/12	Office of Emergency Management	Tabletop	announced
3/8/2012	College of Engineering Dean's Office - COOP	Tabletop	announced
3/15/2012	EAP/ENS/COOP	Tabletop	announced
3/19/2012	EAP/ENS/COOP	Tabletop	announced
3/22/2012	EAP/ENS/COOP	Tabletop	announced
3/23/2012	EAP/ENS/COOP	Tabletop	announced
3/26/2012	EAP/ENS/COOP	Tabletop	announced
3/27/2012	EAP/ENS/COOP	Tabletop	announced
3/27/2012	EAP/ENS/COOP	Tabletop	announced
3/28/2012	EAP/ENS/COOP	Tabletop	announced
3/29/2012	EAP/ENS/COOP	Tabletop	announced
3/30/2012	VPAS - Incident Management	Tabletop	announced
4/13/2012	Evacuation Drill	Drill	announced
5/16/2012	Evacuation Drill	Drill	announced
5/17/2012	Evacuation Drill	Drill	announced
5/22/2012	Evacuation Drill	Drill	announced
5/23/2012	Evacuation Drill	Drill	announced
5/29/2012	Evacuation Drill	Drill	announced
6/2/2012	Evacuation Drill	Drill	announced
6/11/2012	Student Centers & Activities - COOP	Exercise	announced
6/19/2012	Evacuation Drill	Drill	announced
6/25/2012	Evacuation Drill	Drill	announced
8/8/2012	Evacuation Drill	Drill	announced
8/17/2012	Evacuation Drill	Drill	announced
9/24/2012	Evacuation Drill	Drill	announced
10/10/201			
2	Evacuation Drill	Drill	announced
10/12/201			
2	Functional Exercise - Incident Management	Exercise	announced
10/15/201	C. I A		
2	Select Agent TTX	Tabletop	announced
10/22/201	Storrott Encilities Shalter & Secure in Blace	Tableton	announced
10/25/201	Sterrett Facilities - Shelter & Secure in Place	Tabletop	announced
10/25/201 2	Power Plant - Shelter & Secure in Place	Tabletop	announced
11/13/201	rower riant - Sheller & Secure III Place	ιανιειυμ	announced
	Building & Grounds - Evac Shelter & Secure in Place	Tableton	announced
	Danamy & Grounds Live, Shelle & Secure In Place	Ταριστορ	amounced
	Shelter & Secure in Place	Tableton	announced
		•	
11/13/201 2 11/16/201 2 11/28/12 12/4/12 12/11/12	Building & Grounds - Evac, Shelter & Secure in Place Shelter & Secure in Place VTES - Evac, Shelter & Secure in Place VTPD CMMID Exercise VTPD CMMID Exercise	Tabletop Tabletop Tabletop Exercise Exercise	announced announced announced announced announced

The Virginia Tech Police Department, Office of Emergency Management and other critical university divisions are trained in Incident Command and response to campus incidents. When a serious incident occurs that causes an immediate threat, the first responders to the scene at the Blacksburg campus to an incident that causes an immediate threat to the health and safety of the Virginia Tech community include the Virginia Tech Police Department, Virginia State Police, Blacksburg Police Department, Montgomery County Sheriff's Office, Christiansburg Police Department, Virginia Tech Rescue and the Blacksburg Fire and EMS, Department Virginia Tech Office of Emergency Management, as well as other university departments and jurisdictions. These agencies work together to manage the incident. At other campuses first responders from local jurisdictions will manage incident response.

General information, about the emergency response and evacuation procedures for Virginia Tech, is publicized each year as part of the institution's Clery Act compliance efforts.

Virginia Tech will notify the university community of its emergency notification protocols, emergency response and evacuation procedures via email, in conjunction with at least one announced or unannounced drill or exercise each calendar year. Information related to emergency notifications and emergency guidelines can be found at http://www.emergency.vt.edu. Information related to evacuation procedures can be found at http://www.ehss.vt.edu.

Emergency Evacuation Procedures

Each occupied residence hall is required to conduct a quarterly fire drill in compliance with the Virginia statewide fire code. Thus, the emergency response and evacuation procedures are tested at least twice each year and, for some of the buildings, four times a year. The purpose of the drills is to provide all residents and staff practice, in the event there is ever a real fire or other evacuation emergency. The drills prepare building occupants for an organized evacuation in case of a fire or other emergency. Evacuation drills are used as a way to educate and train occupants on fire safety issues specific to their building. During the drill, occupants familiarize themselves with procedures and the location of exits and the sound of the fire alarm. Alarms and other components of the fire safety system are also checked to see that they are working properly. The fire drills are generally held within the first 10 days of the semester, during the hours of 8:00a.m. - 11:00p.m. Following the drill, residents receive a report and feedback on the evacuation process. Be sure you know what to do when the fire alarm sounds, and always evacuate!

Each university department or unit develops an Emergency Action Plan (EAP) that outlines the actions occupants in the building must take during emergencies. Evacuation planning is a part of each department's EAP. All drills must be coordinated with Environmental Health and Safety Services (EHSS) in advance by calling (540) 231-9068 or email firesafe@vt.edu. EHS Fire Safety and Residential Programs work together each year to provide fire and life safety education to students living on campus. Each year Area Coordinators, Resident Directors and Resident Assistants are required to attend fire and life safety training during their orientation in August.

Secure-In-Place Procedures

When it is necessary to secure-in-place, you will be the safest by placing a locked door or other barricade between you and the associated violence or danger.

HOW DO I SECURE-IN-PLACE?

- REMAIN CALM!
- If you are outside during a secure-in-place emergency you should seek cover in the nearest unlocked building.
- If the buildings in the immediate area have exterior doors that have been locked, continue to move away from the danger, seek cover, move to another building, or leave campus if it is safe to do so.
- Once inside, find an interior room and lock or barricade the doors.
- To minimize vulnerability, turn off lights, silence phones, draw blinds, and move away from windows.
- Await further instruction from VT Alerts and emergency personnel.
- DO NOT leave until an "All Clear" is received.

WHAT IF SOMEONE WANTS TO ENTER A SECURE AREA?

If there is any doubt about the safety of the individuals inside the room or building, the area needs to remain secure. Allowing someone to enter a secure location may endanger you and others. USE GOOD JUDGMENT.

If there are individuals outside the secured door who wish to get in, several factors should be considered to determine if it is safe:

- Can you see the area outside the door to determine that someone is not lying in wait? Is it a trap?
- If a physical description of the subject was given in the secure-in-place alert, consider similarities such as age, race, clothing description, height, weight, gender, and hair and eye color.

If the decision is made to let a person in, consider the following:

- Have the person leave anything he or she is carrying (a backpack, laptop case, package, etc.) on the ground, outside of the secure area.
- Have the subject lift up his or her shirt, coat, and/or jacket until the waistline is visible and rotate 360 degrees to see if he or she is concealing a weapon.

Remember, always use common sense. There are exceptions to all guidance and prescribed directions.

Shelter-In-Place Procedures

Shelter-in-place events are usually weather related emergencies. When it is necessary to shelter-in-place, you will be safest by moving inside to a building space that protects you from the danger. DO NOT lock doors behind you as others may also need to shelter-in-place. HOW DO I SHELTER-IN-PLACE?

- REMAIN CALM!
- Immediately seek shelter inside the closest sturdy building. Do not wait until you physically see a tornado or severe weather event to react.
- Resist the temptation to go outside and check the weather conditions yourself.
- Once inside, stay away from windows, glass, and unsecured objects that may fall.
- Seek shelter in interior rooms and corridors.
- Avoid large free standing expanses such as auditoriums and gymnasiums.
- DO NOT use elevators.
- Await further instruction from VT Alerts and emergency personnel.
- DO NOT leave until an "All Clear" is received.

During a tornado, seek shelter on the lowest level possible. If warranted, consider crouching near the floor and seeking additional shelter under a sturdy desk or table, or cover your head with your hands.

Remember, always use common sense. There are exceptions to all guidance and prescribed directions.

WEATHER DEFINITIONS

- Watch: Conditions are favorable for the development of severe weather. Closely monitor the situation in case it gets worse.
- Warning: Severe weather has actually been observed. Listen closely to instructions provided by weather radios/emergency officials.

Reporting a Crime or Getting Emergency Assistance

Individuals are responsible for being aware of and complying with university policies/procedures and applicable law. Employees and students are encouraged to accurately, voluntarily and promptly report crimes, emergencies, potential threats or risks to the Virginia Tech Police Department. Crimes and other emergencies should be reported to the Virginia Tech Police Department at 540-231-6411 or 911 for an emergency. Victims or witnesses of crimes on campus may report those crimes anonymously on a voluntary, confidential basis for inclusion in the annual crime disclosure by calling 540-232-TIPS.

Criminal or suspicious acts and emergencies should be reported to the police immediately in person, by telephone or by using one of the emergency call boxes strategically located around campus. A program has been added to the Virginia Tech Police Department's website that enables students, faculty and staff to report incidents via the internet. The report form contains all information needed to complete a police report. This form can only be used for vandalism,

damage or destruction of property, larceny or theft offenses and annoying or harassing phone calls. If a person wants to report an incident anonymously and or confidentially to the Virginia Tech Police Department or any Campus Security Authority, they may do so in person, or by accessing the *Stop Abuse* website by clicking on the link provided on the Virginia Tech Police Department's website.

This allows anyone to report a crime anonymously / confidential, or simply to give information about a crime or alleged crime he or she has general knowledge or suspicion about. All information is kept in the strictest confidence and is only accessible to the authority the reporting party selects. This information will be reported in the annual crime disclosure. These forms can be accessed at www.police.vt.edu. If you ever need to contact the police, officers and staff will attempt to assist you in any way possible. The Virginia Tech Police Department has two locations to serve our community. There is a communications center located at 230 Sterrett Drive, Blacksburg Virginia 24061. The communications center is staffed 24 hours a day and department personnel are always available to answer questions or to have an officer respond to take a complaint. The second location is the Public Safety Building located at 330 Sterrett Drive, Blacksburg Virginia 24061. The Public Safety Building is open during normal business hours Monday – Friday.

The Virginia Tech Police Department encourages everyone that has become a victim of crime to come forward and report it to the police. However, on occasion and depending on the nature of the crime the victim refuses to press charges. This is the victim's option. Just because a report is filed with the police department does not mean that criminal charges have to be filed. Students also have the option of contacting other university resources, such as the Virginia Tech Women's Center, Office of Student Conduct, Cook Counseling Center, McComas Health Center, or academic advisors who will assist with notifications, if desired. Victims/witnesses of crimes can anonymously, voluntarily and confidentially report crimes to 540-232-TIPS. This information will be included in the annual disclosure of crime if the caller provides the date, location and crime committed. Crimes can also be reported to the Virginia Tech Police Department for the purpose of making *Timely Warnings / Crime Alert* reports and the annual statistical disclosure.

The Virginia Tech Police Department has two phone numbers. One, 911 is for Police, Fire and Rescue emergency calls. The other phone line, 540-231-6411 is for non-emergency calls.

Response to Reported Incidents

In response to reports of criminal activity occurring on the VT campus, the Virginia Tech Police Department will take the required action, either dispatching an officer to the incident location or asking the victim to report to The Virginia Tech Police Department communications center located at 230 Sterrett Facilities Complex, Blacksburg Virginia 24061. The communications center is always staffed to answer questions or to have an officer respond to take a complaint. The Virginia Tech Police Department is also available at the Public Safety Building at 330 Sterrett Drive, Blacksburg Virginia, 24061. The Public Safety Building is open during normal business hours Monday – Friday. All Virginia Tech Police Department incident reports involving students or conduct referrals involving students are forwarded to the Office of Student Conduct

for potential action, as appropriate. In some instances, these reports and or referrals are held during active investigations, and then provided at a later time. The Virginia Tech Police Department Investigative division will conduct criminal and administrative investigations when it is deemed appropriate.

Services and Prevention Information

Alcohol and Drug Abuse Prevention Services

The Campus Alcohol Abuse Prevention Center, located in 147 McComas Hall is the university resource for alcohol abuse prevention. They may be contacted at 540-231-2233 or by email to CAAPC@vt.edu. Drug education prevention is provided by A.D.A.P.T. (Alcohol and Drug Prevention Team). ADAPT Peer Educators are dedicated to addressing alcohol and other drug abuse issues in the Virginia Tech community.

ADAPT members promote awareness through educational programs and outreach, while serving as accessible resources for fellow students. ADAPT members strive to minimize the abuse of alcohol and other drugs in an effort to encourage students to pursue positive behavioral changes, and to promote a healthier environment at Virginia Tech. They can be contacted through the Office of Student Conduct in Suite 141 New Hall West or at 540-231-3790.

Safety and Security Programs

The Virginia Tech Police Department has a full time crime prevention unit that provides educational programming and other crime prevention functions to the university community. Educational programs include Student Police Academy, Alcohol Awareness, Bicycle Safety, Drug Awareness, Operation ID, Personal and Property Safety (basic crime prevention and personal safety), Rape Aggression Defense, and Women's Awareness and Safety.

Safety programs begin with orientation sessions for incoming freshmen and their parents. Once school begins, the Community Outreach Unit continues with educational programs throughout the year in the residence halls as requested and actively recruits participants for its interactive programs. These programs include personal safety and security, drug and alcohol awareness, women's awareness, sexual assault prevention and other requested topics. All programs are available to faculty, staff and students upon request or if a need becomes apparent. During 2011, the Virginia Tech Police Department conducted 162 programs, Virginia Tech Athletics conducted 16 programs, and the Virginia Tech Women's Center conducted 37 separate training sessions, 5 programs and provided 41 presentations. The Virginia Tech Police Department presented programs addressing alcohol, self-defense, sex offender registry, alerts, bicycle regulations, crime statistics, Rape Aggression Defense, emergency call boxes, crime prevention, campus and traffic safety. A common theme of these programs is to encourage students and employees to be responsible for their own security and the security of others.

Programs presented by the Women's Center included: bystander intervention, dealing with student disclosure, domestic violence, healthy relationships, effects of media on violence against women, sexual assault, sexual harassment, stalking, violence against women, and Mentors in Violence Prevention.

Operation Identification

The Virginia Tech Police Department has engravers to loan for the purpose of engraving personal property. This nationally recognized identification procedure is thought to help make items theft resistant, because engraved items are more easily identified making them harder to sell. Another benefit to the program is, if an item is lost or stolen, then recovered, it is much easier for the owner to be located and the property returned.

Procedure for engraving items is to abbreviate your state and driver's license number on the item with an engraving tool (e.g. VA 211110000). Do not use your social security number due to the rise of identity theft.

Fingerprinting Services

The Virginia Tech Police Department also provides fingerprinting services for Virginia Tech students, faculty, staff, and their families at no cost, and at any time.

Safe Ride

The Virginia Tech Police Department sponsors a nighttime safety escort service called "Safe Ride." This service is available to all students, faculty, staff, and visitors to the university. Safe Ride operates from dusk until dawn and provides transportation or a walking escort, upon request, to persons who must cross campus during the nighttime alone. Safe Ride may be contacted by calling 540-231-SAFE (7233).

Sexual Assault and Prevention

Sexual Assault/Sex Offenses

Sexual Assault is a crime punishable by both civil and criminal legal action. The Virginia Tech Police Department investigates all sexual assaults reported to the police department. Detectives are regularly on call and capable of responding immediately at any time. Once reported to the police, officers or detectives respond, investigate, and make applicable criminal charges based on evidence collection and victim/witness statements. The Virginia Tech Police Department works closely with other area law enforcement personnel and other university departments to ensure that appropriate support services are made available and utilized when necessary. The victim of a sexual assault may also choose to file a report with the university judicial system administered through the Office of Student Conduct. In this instance, the Office of Student Conduct adjudicates all cases involving sex offenses in which the alleged perpetrator is a Virginia Tech student. Virginia Tech also encourages victims to prosecute alleged perpetrators to the fullest extent of the law. There are several avenues for assistance if a person becomes the victim of a sex offense.

Victims of sexual assault tend to feel a variety of conflicting emotions: rage, fear, depression, relief to have survived, numbness, and exhaustion, to name just a few. Two key points to remember are that the assault was not the victim's fault and there is help available.

The Virginia Tech Police Department is always available and ready to assist if needed. The Virginia Tech Police Department is a valuable resource for information. The department has educational literature available on prevention methods and procedures to follow if you should

become the victim of a sex offense. The Virginia Tech Police Department and the Women's Center provide educational awareness programs regarding rape, acquaintance rape, other sex offenses, personal safety and Rape Aggression Defense (RAD) classes upon request. Rape Aggression Defense classes are self-defense classes for women only and consist of awareness, safety tips, and progresses into hands on attack simulations at the end of the class.

The police department's Victim/Witness Assistance Program protects the rights of victims and witness of crimes. Referral information is accessible at all times regarding area services available for general counseling, medical attention, emergency housing, and financial assistance. Responsiveness to the needs of crime victims is a department priority.

If Sexual Assault Happens to You

- Contact the police for assistance and information or to report the incident. The Virginia Tech Police Department should be contacted for on-campus incidents and the local police should be contacted for off-campus incidents. The Virginia Tech Police Department will assist the victim in contacting the correct law enforcement agency, if requested.
- Go to the New River Valley Medical Center in Radford or LewisGale Hospital at
 Montgomery in Blacksburg. A qualified physician or nurse will examine you for injuries and
 collect physical evidence that could be used in judicial proceedings, if you decide to
 prosecute. The New River Valley Medical Center and or LewisGale Hospital at Montgomery
 offer the services of Sexual Assault Nurse Examiners.
- If possible, do not change your clothes, shower, eat or drink between the rape and the trip to the emergency room. Preserving evidence is critical and can assist in prosecution. Bring a change of clothes with you because the police will need the clothes you were wearing for evidence.
- The hospital will notify the Women's Resource Center of Radford, who will supply you with a trained companion at the hospital. The companion will look after your needs and will help direct you to available services.
- Even if you do not wish to prosecute, it is important that you have a physical exam after the attack. Besides bruises or other physical injuries, the perpetrator might have passed on a sexually transmitted disease that requires treatment. An HIV/AIDS test may also ease your mind, although six months must elapse after an attack to accurately detect the presence of HIV, the virus that causes AIDS.
- Seek counseling from the Thomas E. Cook Counseling Center, the Women's Center at Virginia Tech, the Women's Resource Center, or a private counselor. All these services are free of charge (except private counseling) and CONFIDENTIAL. If you are not comfortable talking with a counselor, consider talking with a trusted friend or family member. (See Counseling)
- Consider your judicial options if you have not done so already. Although there are statutes of limitation on criminal cases, they are often longer than you think. You also have the option of campus and civil charges (See Judicial Options).
- If the assault and its aftermath are interfering with your ability to complete your academic work, talk with the Thomas E. Cook Counseling Center, Women's Center at Virginia Tech, or the academic dean of your college about academic relief. The Dean of Students will also

- assist in changing academic and living situations after an alleged sexual assault incident, should the victim request such assistance and such changes are reasonably available.
- Remember that it is never too late to deal with a sexual assault, and that you can heal from this significant trauma. People are ready and able to help you, but they cannot if you do not ask.

Medical Care

As mentioned above, victims of very recent assaults should go to the emergency room of the New River Valley Medical Center or LewisGale Hospital at Montgomery for a physical exam and the collection of evidence. All victims, past or present, should be seen by a qualified physician or nurse to check for sexually transmitted diseases, physical trauma, and possible pregnancy. The New River Valley Medical Center and LewisGale Hospital at Montgomery offer the services of Sexual Assault Nurse Examiners. Female victims may prefer to see a female physician, and should request one if that will increase their comfort, though in the emergency room that may not always be possible.

Virginia Tech students can receive all necessary medical care through Schiffert Health Services; however, Schiffert cannot collect evidence and will refer victims to LewisGale Hospital at Montgomery or the New River Valley Medical Center. The Women's Clinic of Schiffert Health Services offers gynecological care, pregnancy testing, and testing and treatment for sexually transmitted diseases. Victims may also wish to see their family doctor. Even if no symptoms are apparent, victims are still strongly encouraged to seek medical attention.

Counseling Options

Students coping with a sexual assault have at least three counseling options that are free of charge. Two of those options are on-campus: The Women's Center at Virginia Tech and the Thomas E. Cook Counseling Center. The Women's Center at Virginia Tech offers short-term crisis counseling and sexual assault support groups. The Thomas E. Cook Counseling Center offers both short-term and long-term individual and group counseling. The Women's Resource Center in Radford offers a 24-hour crisis line, individual and group counseling, and legal advocacy. These three agencies frequently collaborate to provide services to victims of sexual assault and these services are CONFIDENTIAL. Many other options exist which have some cost associated with them, such as private therapists. Counseling is often crucial to the recovery process, and victims should be encouraged to seek the assistance of qualified professionals, even if many years have elapsed since the assault. As always, the choice to seek counseling should be the victim's.

Legal and Judicial Options

Sexual assault victims have four options from which to choose: filing criminal charges, filing campus judicial charges, requesting an administrative investigation, and filing a civil suit for monetary damages. Victims are not limited to just one of these options, but can choose any combination including filing all three types of charges. Below is a brief description of each type of judicial process.

Title IX Coordinator

Virginia Tech's Director for Compliance and Conflict Resolution serves as the university's Title IX Coordinator. This position in the Human Resources Equity and Access office is responsible for overseeing administrative investigations in compliance with Title IX requirements and may be contacted by calling 540-231-9331. Individuals may also report sexual assault or sexual harassment to the Title IX Coordinator.

Criminal

A police report must be generated before an investigation can begin and charges can be filed. If the assault happened on campus, it falls under the jurisdiction of the Virginia Tech Police Department. If the assault happened off campus in the town of Blacksburg, it falls under the jurisdiction of the Blacksburg Police Department. If the assault occurred in the county, it falls under the jurisdiction of the Montgomery County Sheriff's Office. If the assault occurred in the Town of Christiansburg, it falls under the jurisdiction of the Christiansburg Police Department and must be reported there. If the assault occurs anywhere other than on the Virginia Tech campus, the Virginia Tech Police Department will assist the student in notifying these authorities, if the student requests the assistance of these personnel.

Many victims believe that if they do not file criminal charges immediately, they lose that option. This may not be the case. There are statutes of limitation for filing criminal charges, but they are typically several years in duration. Certainly, it is best to go to the police as soon as possible after an assault, in order to preserve as much evidence as possible. The police will arrange for the victim to be seen at Lewis Gale Hospital at Montgomery for medical care and evidence collection. However, even if some time has elapsed, the police still encourage victims to come forward. Criminal charges are prosecuted by the State of Virginia, not the individual victim. A Commonwealth's Attorney will argue the case at no cost to the victim. The victim serves as the primary witness to the crime, and his or her testimony is crucial to the case. Criminal cases may take considerable time to proceed through the justice system. Typically, the press protects the identity of the victim, although the identity of the accused perpetrator is not protected.

Campus

Campus judicial charges can only be filed if the alleged offender is a Virginia Tech student. The referral agent is typically a member of the Virginia Tech community as well. The campus judicial system examines violations of university policy. Campus judicial hearings do not replace or substitute for criminal prosecutions, and students who choose campus judicial hearings are also encouraged to seek redress through the criminal justice system and civil court. So long as the accused student is enrolled in school, there is no statute of limitations on filing judicial charges. The student accused of sexual misconduct may choose between an administrative hearing and a panel hearing. The hearing typically takes place within two weeks of the time of the complaint, called a referral of student conduct. At the hearing, the alleged offender and the referral agent each have the opportunity to present their side of the story and to call witnesses. Each also may have a support person/advisor present. The burden of proof is lower than in a criminal court. The hearing officers will base their decision on a preponderance of the evidence. Both the accuser and the accused will be notified of the outcome of the judicial hearing.

Upon written request Virginia Tech will disclose to the alleged victim of a crime of violence, or a non-forcible sex offense, the report on the results of any disciplinary proceeding conducted by such institution against a student who is the alleged perpetrator of such a crime or offense. If the alleged victim is deceased as a result of such crime or offense, the next of kin of such victim shall be treated as the alleged victim for purposes of this paragraph.

Sexual misconduct is classified in the Student Code of Conduct as a violation of the Abusive Conduct Policy. Depending on the circumstances of the case, students who are found in violation of the Abusive Conduct Policy may receive sanctions up to and including suspension for one or more semesters or dismissal from the university. If a student is found guilty of a sexual assault involving penetration, the minimum sanction will be one year's suspension however; the student may be dismissed from the university permanently.

Students found in violation of the university sexual misconduct policy do have the right to appeal. The victim also has the right to the appeal process. Notification of judicial action taken against students is made on a "need to know" basis. This includes the Commandant of Cadets in cases involving cadets, the Office of the Graduate School in cases involving graduate students and international students, the Athletic Department in cases involving varsity athletes, the Director of the Office of Student Programs, in cases involving residence hall students, and victims of violent crime, including sexual assaults, involving student perpetrators. Other university agencies or organizations may be required to obtain written release before they can receive notification. Copies of all judicial sanction letters are archived in the Office of Student Conduct. Additional information can be located in the University Policies of Student Life or by contacting the Student Life & Advocacy Office.

Civil Court

Sexual assault victims have the right to sue the perpetrator or other involved parties for monetary damages. This type of prosecution, which may be pursued alone or in conjunction with criminal and/or campus judicial charges, does require an attorney. As with campus judicial action, the burden of proof is a preponderance of the evidence. Victims considering this type of prosecution are advised to consult Student Legal Services or a private attorney for information.

Sex Offender Registry and Access to Related Information

The federal "Campus Sex Crimes Prevention Act", enacted on October 28, 2000, went into effect October 28, 2002. The law requires institutions of higher education to issue a statement advising the campus community where law enforcement agency information provided by a state concerning registered sex offenders may be obtained. It also requires sex offenders already required to register in a state to provide notice, as required under state law, of each institution of higher education in that state at which the person is employed, carries on a vocation, volunteers their services, or is a student. Information about the Sex Offender registry can be found at http://sex-offender.vsp.virginia.gov/sor/, or can be accessed through the Virginia Tech Police Department web site at http://www.police.vt.edu.

In the Commonwealth of Virginia, convicted sex offenders must register with the *Sex Offender and Crimes Against Minors Registry*. The registry was established pursuant to § 19.2-390.1 of the Commonwealth's Criminal Code. Every person convicted on or after July 1, 1997, including juveniles tried and convicted in the circuit courts pursuant to § 16.1-269.1, whether sentenced as adults or juveniles, of an offense for which registration is required shall be required as a part of

the sentence imposed upon conviction to register and reregister with the Commonwealth's Department of State Police, as provided in this section.

In addition, all persons convicted of offenses under the laws of the United States, or any other state substantially similar to an offense for which registration is required, shall provide to the local agency all necessary information for inclusion in the State Police Registry within ten days of establishing a residence within the Commonwealth. Any person required to register shall also be required to reregister within ten days following any change of residence, whether within or outside of the Commonwealth.

Nonresident offenders entering the Commonwealth for employment, to carry on a vocation, volunteer services or as a student attending school who are required to register in their state of residence or who would be required to register under this section if a resident of the Commonwealth shall, within ten days of accepting employment or enrolling in school in the Commonwealth, be required to register and reregister pursuant to this section. For purposes of this section "student" means a person who is enrolled on a full-time or part- time basis, in any public or private educational institution, including any secondary school, trade or professional institution, or institution of higher education.

Information concerning offenders registered with the Sex Offender and Crimes Minors Registry may be disclosed to any person requesting information on a specific individual in accordance with the law. Information regarding a specific person requested pursuant to the law shall be disseminated upon receipt of an official request form that may be submitted directly to the Commonwealth's Department of State Police or to the State Police through a local law-enforcement agency. The Department of State Police shall make registry information available, upon request, to criminal justice agencies including local law enforcement agencies through the Virginia Criminal Information Network (VCIN). Registry information provided under this section shall be used for the purposes of the administration of criminal justice, for the screening of current or prospective employees or volunteers or otherwise for the protection of the public in general and children in particular. Uses of the information for purposes not authorized by this section are prohibited and a willful violation of this section with the intent to harass or intimidate another shall be punished as a Class 1 misdemeanor.

Virginia State Police maintain a system for making certain registry information on violent sex offenders publicly available by means of the internet. The information made available includes the offender's name; all aliases which he has used or under which he may have been known; the date and locality of the conviction and a brief description of the offense; the offender's date of birth, current address and photograph; and such other information as the State Police may from time to time determine is necessary to preserve public safety. The system is secure and is not capable of being altered except by or through the State Police. The system is updated each business day with newly received registrations and re-registrations. This section has attempted to offer an overview of sexual assault issues, and the available options on the Virginia Tech campus. No one publication can be entirely comprehensive. Sexual assault is a complex issue; no two cases will have exactly the same results or the same course of action. The university therefore offers a variety of services so that victims can get the assistance they most need. A good starting point for a victim, or family and friends of a victim, is with the Sexual Assault Education Coordinator who is based in the Women's Center at Virginia Tech.

Important Phone Numbers

For further explanation or elaboration of the information in this report, and for assistance or services, contact the agencies whose numbers are listed here.

Virginia Tech Police Department	911 (emergency, on campus)
	540-231-6411 (non-emergency)
Lewis Gale Hospital at Montgomery	540-953-1111 (main number)
New River Valley Medical Center	540-731-2000
Women's Center at Virginia Tech	540-231-7806
Women's Resource Center	540-639-1123 (hotline, 24 hours)
	540-639-9592 (office)
Thomas E. Cook Counseling Center	540-231-6557 (8:00am – 5:00pm)
	540-231-6444 (5:00pm – 8:00am)
Schiffert Health Services	540-231-6444
Blacksburg Police Department	911 (emergency, off campus)
-	540-961-1150 (non-emergency)
Montgomery County Sheriff's Office	540-382-2951 (non-emergency)
Christiansburg Police Department	540-382-3131 (non-emergency
Dean of Students	540-231-3787
Office of Student Conduct	540-231-3790
Office of Student Programs	540-231-6204
Student Legal Services	540-231-4720
Safe Ride (Dusk until Dawn)	540-231-SAFE (7233)
Title IX Coordinator	540-231-8771
Office of Emergency Management	540-231-2438

Safety Tips

Security doesn't begin and end with the university police. It takes the entire university, faculty, staff, and students to make our campus a safe and secure place to live, work, and play. What can you do to help? The number one thing you can do is to take a few precautions and follow a few safety tips that will help us, help you.

- Trust your instincts. If a place or situation doesn't feel right, it probably isn't.
- Avoid working or studying alone in a building at night.
- Avoid shortcuts and isolated areas when walking after dark.
- Don't walk alone after dark use the Safe Ride Service.
- Don't leave personal property lying around unattended.
- Carry a whistle or other noisemaker.
- Never prop open exterior doors.
- Keep your room door locked when leaving even for "Just a minute" and when sleeping.
- Lock windows and close shades after dark.
- Never attach your name and address to keys, if lost or stolen they could lead to theft.
- When traveling in your vehicle keep windows up and doors locked.
- Engrave your valuables.
- Report any suspicious or criminal activity to the police and report all crimes.

Virginia Tech Blacksburg Campus Crimes Statistics

	On Campus			Nor	n Cam	pus	Publi	ic Pro	perty	Υe	ar To	tal	Re	siden	tial
OFFENSE TYPE	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Murder & Non negligent Manslaughter	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Negligent Manslaughter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sex Offenses, Forcible	3	12	8	1	0	0	0	2	0	4	14	7	0	7	8
Sex Offenses, Non Forcible	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robbery	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Aggravated Assault	3	2	6	0	1	0	0	0	0	3	3	6	2	1	0
Burglary	42	29	26	3	1	0	0	0	0	45	30	26	17	12	13
Motor Vehicle Theft	5	2	3	1	1	0	0	0	0	6	3	3	0	0	0
Arson	1	0	1	1	0	0	0	0	0	2	0	1	0	0	1
Liquor Law Violations Referred	415	530	377	0	0	0	0	0	0	415	530	377	377	457	313
Liquor Law Arrests	262	289	165	1	1	0	10	9	5	272	299	170	53	85	53
Drug Law Violations Referred	20	22	34	0	0	0	0	0	0	20	22	34	17	10	33
Drug Law Arrests	55	67	51	1	1	0	4	5	6	60	73	57	33	34	23
Illegal Weapons Possession Referred	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Illegal Weapons Possession Arrests	0	2	4	0	0	0	1	1	0	1	3	4	0	0	0

^{*} No hate crimes were reported in 2010, 2011 or 2012

Virginia Tech Higher Education Opportunity Act 2012 Blacksburg Campus Fire Safety Annual Compliance Report Information compiled by Environmental Health and Safety Services.

Overview

The Higher Education Opportunity Act (Public Law 110-315) became law in August, 2008, requiring all United States academic institutions to produce an annual fire safety report outlining fire safety practices, standards, and all fire-related on-campus statistics related to student housing. The following public disclosure report details all information required by this law as it relates to Virginia Tech as outlined in the initial regulation; subsequent yearly reports will comply with the Act as amended and published October 29, 2009.

On-Campus Housing Fire Safety Equipment

At Virginia Tech, all forty-six of our residence halls are protected by <u>fire detection and alarm systems</u> which are centrally monitored 24 hours/day, seven days/week. The buildings are also equipped with either emergency generators or lighting fixtures that incorporate backup batteries; upon loss of power, these systems automatically activate to assure adequate egress lighting in hallways and emergency exit stairwells. <u>Twenty-eight</u> of our residence halls are fully sprinklered, including all high-rise residence halls. Carbon monoxide detectors have been installed in all residence hall mechanical rooms where products of combustion could occur. All fire safety systems and equipment are strictly maintained and tested in accordance with applicable national standards. A summary of the fire protection systems present in each residence hall is provided in Table 1.

Fire Safety Education, Training and Fire Drills

All on-campus residents (including those with special needs) receive intensive and comprehensive fire safety training at the beginning of each semester. Training on fire and life safety is also provided to all Residential Advisors, Area Coordinators, Building Managers, Fraternity & Sorority House Managers, University Unions and Student Activities Event Staff & Crowd Managers, Housekeeping staff and Hot-work Coordinators. In addition, a quality control program that covers emergency and evacuation procedures is reviewed regularly with the occupants and staff of each respective residence hall. Each resident is required to review and comply with the requirements outlined in the *Hokie Handbook*, *Housing Policies*, *University Policies for Student Life*, and *Housing and Residence Life Polices*, which include information on fire safety and what appropriate action to take during a fire alarm or fire emergency. Student Programs also maintains extensive information on fire safety on its website. There is an emergency evacuation map posted on each floor to direct occupants to primary and secondary exits.

Fire drills are conducted four times per year in all of the occupied residence halls in coordination with Virginia Tech's offices of Environmental, Health and Safety Services and Student Affairs. Fraternity and sorority houses that are located on university property must follow the same procedures that apply to residence halls.

Specific Fire Prevention Related Policies and Programs

- Policy 1005, <u>Health and Safety</u>, affirms that faculty, staff and students must comply with university health and safety policies and programs, attend required training, report any identified safety or health hazard, and know their roles in an emergency.
- Policy 1010, <u>Policy on Smoking</u>, prohibits smoking in all university properties owned and operated by Virginia Tech, including residence halls.
- Policy 5000, <u>University Facilities Usage and Event Approval</u>, requires that an application
 must be submitted for certain types of events on campus, and affirms that these events are
 subject to a review and approval process. The use of open flames and pyrotechnics, layout of
 assembly areas/events, and use of decorations are all evaluated during this review.
- Policy 5406, <u>Requirements for Temporary Facilities/Tents/Stages</u>, assures that tents, stages and other temporary facilities comply the Virginia Statewide Fire Prevention Code, including the prohibition on the use of open flames near or under any tent.
- Policy 5605, <u>Residence Hall Fire and Fire Alarm Procedures</u>, affirms that students must evacuate the building upon fire alarm activation and outlines the role of staff members in overseeing evacuation procedures and reentry into the building when authorized.
- Policy 5615, <u>University Safety and Security</u>, requires that Resident Advisors be trained to
 perform safety audits of residence rooms, coordinate emergency evacuations and warning
 procedures, and facilitate the performance of fire and other drills.
- The <u>Hokie Handbook</u>, <u>Housing Policies</u>, <u>University Policies for Student Life</u>, and <u>Housing and Residence Life Polices</u>, which are part of the housing contract, limit the types of electrical appliances allowed in residence halls, establish expectations for compliance with drills and training, provide for periodic health and safety inspections of residence rooms, affirm limitations on materials that may be stored in resident rooms, prohibit open flames without a permit, limit the use of combustible decorations/furnishings, and define the consequences if students violate university polices and programs. Specifically:
 - Electrical appliances such as electric stoves, George Foreman-type grills, toaster ovens, toasters, crock pots, sandwich makers, air conditioners, space heaters, hot plates, and other open coiled appliances are not permitted in residence hall rooms. No extension cords of any type are permitted, and halogen bulb lamps and high intensity lamps are prohibited.
 - o Room furnishings/decorations and the decorating of public spaces is strictly controlled. Additional limitations on the use of flammable and combustible materials for decorations in both residence rooms and common areas are affirmed in the *Policy for Residence Hall Decorations*.
 - o Items that require an open flame, operate on fuel, or produce heat (such as Bunsen burners, lit candles, incense, and alcohol burners) are prohibited.
 - O Student rooms, common areas, storage, and mechanical areas are subject to regular inspection by the Virginia State Fire Marshal's office, Environmental Health and Safety personnel, and Student Programs staff. In addition, resident room inspections are conducted once per semester by hall staff in order to identify any health or safety concerns. Violations of fire and life safety policies are subject to university judicial action and appropriate sanctions.
 - o Anyone found causing a false fire alarm, tampering with fire-safety equipment, or not properly evacuating during a fire alarm will face arrest and/or judicial referral.

• Virginia Tech's <u>Fire and Life Safety Program</u> establishes requirements for the performance of periodic fire safety inspections of all university buildings, including residence halls; provides for periodic training for employees and students on basic fire safety; affirms conditions that must be maintained in all university properties to comply with the Virginia State Wide Fire Prevention Code; and, establishes requirements for the permitting, approval and inspection of hot work, use of open flames/burning, pyrotechnics and special effects, and temporary facilities, tents and stages.

Table 1 - Fire Protection Systems in Blacksburg Campus Residential Facilities

Building Name	Onsite Fire Alarm Monitoring (VTPD)	Partial Sprinkler System ²	Full Sprinkler System ³	Smoke Detection	Fire Extinguishing Devices	Evacuation Plans & Signs	Number of Fire Drills each calendar year ⁴
Ambler Johnston Hall (East) 700 Washington St. SW	X		X	X	X	X	2
Ambler Johnston Hall (West) 720 Washington St. SW	X		X	X	X	X	2
Barringer Hall 240 Kent St.	X 1			X	X	X	2
Brodie Hall 310 Alumni Mall	X 1			X	X	X	2
Campbell Hall (East) 320 Drillfield Drive	X 1			X	X	X	2
Campbell Hall (Main) 300 Drillfield Drive	X 1			X	X	X	2
Cochrane Hall 790 Washington St. SW	X	X		X	X	X	2
Eggleston Hall (Main) 440 Drillfield Drive	X 1			X	X	X	4
Eggleston Hall	X 1			X	X	X	2

Building Name	Onsite Fire Alarm Monitoring (VTPD)	Partial Sprinkler System ²	Full Sprinkler System ³	Smoke Detection	Fire Extinguishing Devices	Evacuation Plans & Signs	Number of Fire Drills each calendar year ⁴
(West) 410							
Drillfield Drive	37		37	37	77	77	
Graduate Life	X		X	X	X	X	5
Center at Donaldson							
Brown							
155 Otey St. NW							
Harper Hall	X		X	X	X	X	4
240 West							
Campus Drive							
Hillcrest Hall	X			X	X	X	2
385 West							
Campus Drive							
Johnson Hall	X 1			X	X	X	2
500 Washington							
St SW							
Lee Hall	X		X	X	X	X	2
570 Washington							
St. SW							
Miles Hall	X 1			X	X	X	2
460 Washington							
St. SW	77.1			-	***	**	
Monteith Hall	X 1			X	X	X	2
170 Turner St.							
NW New Hall West	X		X	X	X	X	2
new nan west	Λ		Λ	Λ	Λ	Λ	

Building Name	Onsite Fire Alarm Monitoring (VTPD)	Partial Sprinkler System ²	Full Sprinkler System ³	Smoke Detection	Fire Extinguishing Devices	Evacuation Plans & Signs	Number of Fire Drills each calendar year ⁴
190 West							
Campus Drive							
New Hall East 540 Washington St. SW	X		X	X	X	X	2
Newman Hall 200 Kent St.	X 1			X	X	X	2
O'Shaughnessy Hall 530 Washington St. SW	X		X	X	X	X	2
Payne Hall 380 Drillfield Drive	X		X	X	X	X	2
Peddrew-Yates Residence Hall 610 Washington St. SW	X		X	X	X	X	2
Pritchard Hall 630 Washington St. SW	X		X	X	X	X	2
Rasche Hall 260 Alumni Mall	X 1			X	X	X	2
Slusher Tower 280 Drillfield Drive	X		X	X	X	X	2

Building Name	Onsite Fire Alarm Monitoring (VTPD)	Partial Sprinkler System ²	Full Sprinkler System ³	Smoke Detection	Fire Extinguishing Devices	Evacuation Plans & Signs	Number of Fire Drills each calendar year ⁴
Slusher Wing 280 Drillfield Drive	X		X	X	X	X	2
Thomas Hall 190 Turner St. NW	X 1			X	X	X	2
Vawter Hall 180 Kent St.	X 1			X	X	X	4
Special Purpose Housing - Bldg. A 2750 Oak Lane	X	X ⁵		X	X	X	2
Special Purpose Housing - Bldg. B 2740 Oak Lane	X	X ⁵		X	X	X	2
Special Purpose Housing - Bldg. C 2720 Oak Lane	X	X ⁵		X	X	X	2
Special Purpose Housing - Bldg. D 2805 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. E	X		X	X	X	X	2

Building Name	Onsite Fire Alarm Monitoring (VTPD)	Partial Sprinkler System ²	Full Sprinkler System ³	Smoke Detection	Fire Extinguishing Devices	Evacuation Plans & Signs	Number of Fire Drills each calendar year ⁴
2705 Oak Lane							
Special Purpose Housing - Bldg. F 2615 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. G 2575 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. H 3205 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. I 3160 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. J 3170 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. K 3115 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. L 3115 Oak Lane	X		X	X	X	X	2

Building Name	Onsite Fire Alarm Monitoring (VTPD)	Partial Sprinkler System ²	Full Sprinkler System ³	Smoke Detection	Fire Extinguishing Devices	Evacuation Plans & Signs	Number of Fire Drills each calendar year ⁴
Special Purpose Housing - Bldg. M 3025 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. N 3025 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. O 2965 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. P 2965 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. Q 2875 Oak Lane	X		X	X	X	X	2
Special Purpose Housing - Bldg. R 2875 Oak Lane	X		X	X	X	X	2

¹ denotes single stations in residence rooms with smoke and/or heat detection in common areas
2 denotes having sprinklers in the common areas only
3 denotes having sprinklers in both common areas and individual rooms
4 denotes having drills conducted four times per year when the building is occupied
5 denotes having sprinklers in mechanical rooms only

Fire Statistics

The number and cause of each fire in each residence hall is summarized in Table 2. There were no reported fire-related injuries or fatalities in residence halls during calendar years 2010 through 2012. There were five (5) reported fires during this period. Total damages for fire-related losses were \$0.00.

Fire Reporting

The Virginia Tech Police Department monitors the status of all fire detection and fire suppression systems in residence halls. If a fire has occurred, it should be reported to the Communications Center of the Virginia Tech Police Department by calling either 540-231-6411 (non-emergency) or 911 (emergency).

Plans for Future Improvement

Virginia Tech maintains a prioritized list of projects to upgrade older fire systems, enhance the capabilities of existing systems, or install new fire safety systems in existing buildings.

Table 2 - Fire Statistics for the Blacksburg Campus Residential Facilities for Calendar Years 2010, 2011 and 2012

Building Name	Total Fires in Each Building	Fire #	Date/Time	Location	Cause of Fire	Number of Injuries that Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire (Dollars)
Ambler Johnston Hall (East) 720	0	0			N/A	N/A	N/A	N/A
Washington St. SW								
Ambler Johnston Hall (West) 700 Washington St. SW	0	0			N/A	N/A	N/A	N/A
Barringer Hall 240 Kent St.	0	0			N/A	N/A	N/A	N/A

	Total Fires in Each	Fire				Number of Injuries that Required Treatment at a	Number of Deaths Related to a	Value of Property Damage Caused by Fire
Building Name	Building	#	Date/Time	Location	Cause of Fire	Medical Facility	Fire	(Dollars)
Brodie Hall 310 Alumni Mall	0	0			N/A	N/A	N/A	N/A
Campbell Hall (East) 320 Drillfield Drive	0	0			N/A	N/A	N/A	N/A
Campbell Hall (Main) 300 Drillfield Drive	0	0			N/A	N/A	N/A	N/A
Cochrane Hall 790 Washington St. SW	1	1	4/1/2012 0528 hours	Elevator	Intentional – Hay placed in elevator and ignition attempted	0	0	\$0
Eggleston Hall (Main) 440 Drillfield Drive	0	0			N/A	N/A	N/A	N/A
Eggleston Hall (West) 410 Drillfield Drive	0	1	1/29/2011 2354 hours	2 nd floor kitchen	Unintentional - Burnt food	0	0	\$0
Graduate Life Center at Donaldson Brown 155 Otey St. NW	0	0			N/A	N/A	N/A	N/A

Building Name	Total Fires in Each Building	Fire #	Date/Time	Location	Cause of Fire	Number of Injuries that Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire (Dollars)
Harper Hall 240 West Campus Drive	0	0			N/A	N/A	N/A	N/A
Hillcrest Hall 385 West Campus Drive	0	0			N/A	N/A	N/A	N/A
Johnson Hall 500 Washington St SW	0	0			N/A	N/A	N/A	N/A
Lee Hall 570 Washington St. SW	1	1	12/9/2010 1509 hours	2 nd floor kitchen	Unintentional – pizza box left in oven	0	0	\$0
Miles Hall 460 Washington St. SW	0	0			N/A	N/A	N/A	N/A
Monteith Hall 170 Turner St. NW	0	0			N/A	N/A	N/A	N/A
New Hall West 190 West Campus Drive	0	0			N/A	N/A	N/A	N/A
New Hall East 540 Washington St. SW	0	0			N/A	N/A	N/A	N/A

Building Name	Total Fires in Each Building	Fire #	Date/Time	Location	Cause of Fire	Number of Injuries that Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire (Dollars)
Newman Hall 200 Kent St.	0	0			N/A	N/A	N/A	N/A
O'Shaughnessy Hall 530 Washington St. SW	0	0			N/A	N/A	N/A	N/A
Payne Hall 380 Drillfield Drive	0	0			N/A	N/A	N/A	N/A
Peddrew-Yates Residence Hall 610 Washington St. SW	0	0			N/A	N/A	N/A	N/A
Pritchard Hall 630 Washington St. SW	0	0			N/A	N/A	N/A	N/A
Rasche Hall 260 Alumni Mall	0	0			N/A	N/A	N/A	N/A
Slusher Tower 280 Drillfield Drive	1	1	4/30/2012 0033 hours	1 st floor lounge	Unintentional - Plastic thermal pot left on stove caught on fire	0	0	\$0
Slusher Wing 280 Drillfield Drive	1	1	3/01/2011 1631 hours	1 st floor lounge	Unintentional - Wax left on stove to melt caught on fire	0	0	\$0

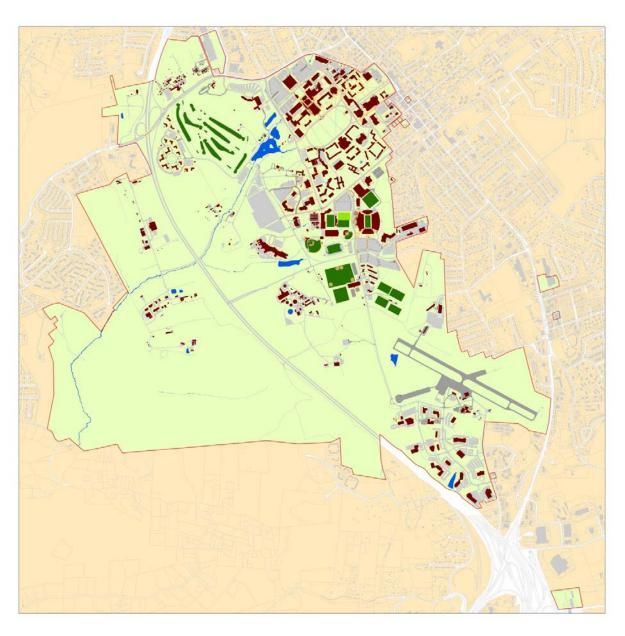
Building Name	Total Fires in Each Building	Fire #	Date/Time	Location	Cause of Fire	Number of Injuries that Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire (Dollars)
Thomas Hall 190 Turner St. NW	0	0			N/A	N/A	N/A	N/A
Vawter Hall 180 Kent St.	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. A, 2750 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. B, 2740 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. C, 2720 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. D, 2805 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. E, 2705 Oak Lane	0	0			N/A	N/A	N/A	N/A

Building Name	Total Fires in Each Building	Fire #	Date/Time	Location	Cause of Fire	Number of Injuries that Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire (Dollars)
Special Purpose Housing - Bldg. F, 2615 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. G, 2575 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. H, 3205 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. I, 3160 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. J, 3170 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. K, 3115 Oak Lane	0	0			N/A	N/A	N/A	N/A

Duilding Name	Total Fires in Each	Fire #	Date/Time	Location	Cause of Fine	Number of Injuries that Required Treatment at a	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire
Building Name	Building ()	0	Date/11me	Location	Cause of Fire N/A	Medical Facility N/A	N/A	(<i>Dollars</i>) N/A
Special Purpose Housing - Bldg. L, 3115 Oak Lane	U	0			IV/A	IVA	IV/A	IN/A
Special Purpose Housing - Bldg. M, 3025 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. N, 3025 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. O, 2965 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. P, 2965 Oak Lane	0	0			N/A	N/A	N/A	N/A
Special Purpose Housing - Bldg. Q, 2875 Oak Lane	0	0			N/A	N/A	N/A	N/A

								Value of
								Property
	Total						Number of	Damage
	Fires in					Number of Injuries that	Deaths	Caused by
	Each	Fire				Required Treatment at a	Related to a	Fire
Building Name	Building	#	Date/Time	Location	Cause of Fire	Medical Facility	Fire	(Dollars)
Special Purpose	0	0			N/A	N/A	N/A	N/A
Housing - Bldg.								
R, 2875 Oak								
Lane		1		1		l	l	

APPENDIX A
Blacksburg Campus Clery Reporting Boundary Map



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APPENDIX BBlacksburg Campus Extended Downtown Jurisdiction Map



BUILDING AND GROUNDS COMMITTEE

November 18, 2013

Capital Project Status Report

Project Name	Project Description	Total Project Cost	Non-General Funds	Project Team	Contract Completion Date	Project Status	
DESIGN							
Classroom Building	This project provides for the design and construction of an academic building of approximately 73,000 SF of state-of-the-art instructional space to accommodate unmet demand for multi-discipline general assignment classrooms and labs. The new academic building will contain approximately 21 flexible lecture and laboratory rooms of various sizes and configurations to accommodate multiple teaching methods. The building will provide approximately 1,700 student stations with wireless capability throughout.	\$2,000,180	\$0	EYP Architecture & Engineering - Washington D.C.	_ TBD	Funding has been authorized through preliminary design only. Preliminary design is complete. The project is on hold pending cost reconciliation with the Bureau of	
g and a second of				W M Jordan, Inc Newport News, VA		Capital Outlay Management (BCOM).	
Fire Alarm Systems and Access	This project provides for critical life safety improvements in several educational and general facilities on campus. Fire alarm systems will be installed or expanded in several campus buildings including Randolph Hall, War Memorial	\$980,574	\$0	Multiple A/E Firms	TBD	Funding has been authorized through preliminary design only. Design services for Randolph Hall, War Memorial Hall, Food Science and Technology, Norris Hall, Patton Hall, Litton Reaves Hall, Whittemore Hall, Architecture Annex, Newman Library and Lane Hall are contracted and in progress. Construction is pending cost approval by the Bureau of Capital Outlay Management (BCOM).	
	Hall, Food Science and Technology, Norris Hall, Newman Library, Lane Hall, Patton Hall, Litton Reaves Hall, Whittemore Hall, Architecture Annex and Wallace Annex.			Multiple Contractors			
Improve Kentland Facilties	The project includes new construction of three buildings including an 11,000 GSF metabolism research laboratory, a 7,700 GSF applied reproduction facility, and 10,200 GSF of arena and animal holding spaces.	\$250,000	\$0	Spectrum Design, PC - Roanoke, VA	TBD	Funding has been authrorized for pre-planning design. An A/E firm has been selected and contract negotiations are in progress.	
				TBD			
Indoor Athletic Practice Facility	This project provides for the design and construction of a new indoor multi-sport practice facility large enough to accommodate football punting and kicking practice.	\$25,000,000	\$25,000,000	TBD	ТВО	The location of the indoor practice facility on the existing football practice fields has been approved. A Request for Qualifications (RFQ) has been advertised for prequalification of Design-Build teams. A contract for preparation of bridging documents is under negotiation. A sub-project for renovation of Rector Field House may be pursued following construction of the indoor practice facility.	
indeel Authene Fractice Facility				TBD	155		
Marching Virginians Practice Facility	This project includes new construction of an equipment storage building, a covered open-air practice pavilion, and a soccer-size artificial turf field. The 4,300 GSF building will provide the Marching Virginians with restrooms, lockers, an instrument storage room, and a drum line room for percussion instruments. The 3,500 SF pavillion will be attached to the building and will provide a protected area for the Marching Virginians to practice during inclement weather. A lighted, soccer-size artificial turf field will be shared with Recreational Sports.	\$400,000	\$400,000	Thompson + Litton- Radford, VA	August 2014	Preplanning funds have been authorized. Site investigation and schematic design activities are in progress. Turf field installation will precede bidding and construction of the building.	
				Turf - Carolina Green Building - TBD			
Renovate/Renew Academic Buildings	This project is to renovate three existing campus buildings - Sandy Hall, the Performing Arts Building and the original portion of Davidson Hall. Collectively, these renovations will increase the functionality of three under-utilized building assets, address several deferred maintenance issues, and reduce critical space	\$1,389,708	\$0	Glavè & Holmes Associates- Richmond, VA	TBD	Following negotiations with the Bureau of Capital Outlay Managment (BCOM), a design-to-construction budget of \$18,172,274 has been authorized. Schematic design is now progressing. Procurement of the Construction Manager is in progress.	
	deficiencies. A small addition is planned for Sandy and the Performing Arts Building to provide for ADA and circulation space.			TBD			
Sciences Building Laboratory I	This project provides for design and construction of a new 80,000 SF building to	TBD	TBD	TBD	TBD	A request for proposals will be advertised to initiate procurement of the A/E and Construction Manager contracts upon a release of planning funds from the	
	house research and instructional space for the Department of Science.			TBD		Department of Planning and Budget.	

Page 1 of 3 Presentation Date: November 18, 2013

Project Name	Project Description	Total Project Cost	Non-General Funds	Project Team	Contract Completion Date	Project Status
CONSTRUCTION						
Agriculture Programs Relocation	This project for relocation of the Dairy Program from Southgate Drive to Kentland Farm is required to accomodate expansion of the Airport runway and relocation of Tech Center Drive. Planning, design, construction and financing by the VT Foundation and a capital lease back to Virginia Tech was authorized by the BOV at the May 7, 2013 meeting.	\$14,000,000	\$14,000,000	Thompson & Litton - Radford, VA	March 2015	The Virginia Tech Foundation (VTF) is funding and managing the design and construction of this project. The university will lease land to VTF for construction and will lease the improvements from VTF for use by the Dairy Science program. Construction commenced on October 7, 2013.
				English Construciton Company, Inc Lynchburg, VA		
Campus Fiber Optic Improvements Project	This project is for a new fiber-optic backbone and building connections which will increase capacity and diversity to ensure adequate and reliable service to the university.	\$2,000,000	\$2,000,000	Virginia Tech Network Infrastructure & Services	January 30, 2014	Construction is nearing completion to accommodate wiring connections and equipment installation. Efficiencies and cost savings have allowed expansion of the number of buildings receiving fiber feeder upgrades to increase from 38 to 60
Campac Fiber Optio Improvemento Freject				Virginia Tech Network Infrastructure & Services		buildings. Equipment purchases are being finalized. Installation and ancillary work is anticipated to be complete in January 2014.
Comton for the Arts	This project provides for design and construction of a new 92,000 GSF Performing Arts Center and the renovation of Shultz Hall for a 1,300-seat performance auditorium, a visual arts gallery, creative technologies program and support spaces.	\$100,087,000	\$72,700,448	Snohetta AS – New York, NY with STV Group, Inc. – Douglasville, PA	September 6, 2013	The project is substaintially complete and a temporary occupancy permit was issued August 21, 2013. The punch list is progressing for final completion.
Center for the Arts				Holder Construction Company – Atlanta, GA		Ceremonial ribbon cutting occurred on November 11, 2013. Final completion and a permanent occupancy permit is expected by March 2014.
Human and Agricultural Biosciences Building I (HABBI)	This project provides for a new 92,500 GSF advanced agricultural research laboratory facility.	\$53,759,344	\$0	Lord, Aeck & Sargent, Inc. – Atlanta, GA	November 9, 2013	Overall construction is approximately 93% complete. Concrete decks and column construction is 100% complete. Lab equipment and furniture installation is in progress. Hokie Stone installation is nearing completion. Project substantial completion is anticipated in November 2013.
				Skanska USA Building, Inc Durham, NC		
	This project provides for the demolition of the deteriorated and outdated center and rear section additions to Davidson Hall. The original building remains and a			Einhorn Yafee Prescott- Washington, DC	January 16, 2014	Overall construction is approximately 88% complete. Structural steel and concrete deck pours are complete. Mechanical equipment installation, exterior stone, masonry and interior finishes are ongoing. The project is on schedule.
Renovate Davidson Hall	new replacement addition of 44,845 GSF will be constructed to provide modern laboratory and research space.	\$31,118,739	\$0	Barton Malow Company- Charlottesville, VA		
Signature Engineering Building	This project provides for a new 154,935 GSF state-of-the-art, technology enhanced flagship building for the College of Engineering to include research, classroom and office space.	\$95,218,249	\$47,609,125	Zimmer Gunsul Frasca Architects LLP- Washington, DC	- December 14, 2013	Overall construction is approximately 90% complete. Structural steel and concrete are 100% complete. Construction of the building envelope (masonry, precast panels, metal panels, and Hokie Stone) is in progress. Mechanical, electrical, and plumbing rough-in, wall framing, drywall and interior finishes are ongoing. Project substantial completion is anticipated in January 2014.
				Gilbane Building Company- Richmond, VA		
Unified Communications and Network Renewal Project	This project provides for communication infrastructure and equipment enhancements over five years. The scope includes upgrading the Internet Protocol (IP) Network, the cable plant, and equipment rooms in 41 buildings throughout campus to provide for replacement of outdated equipment and upgrade of campus communications systems.	\$16,508,000	\$16 500 000	Multiple A/E Firms	2016	Space allocation, architectural design and construction activities are underway for the addition and expansion of data rooms to house technology upgrades in designated campus buildings. Wiring and equipment upgrades are phased for completion building by building. Ninety buildings have been completed and put on-
			\$16,508,000	Various Contractors		completion building by building. Ninety buildings have been completed and put of line out of the approximate 145 buildings on the target list. Approximately 50% of active campus services have migrated. The project is scheduled for completion Fall 2016.

Presentation Date: November 18, 2013

Project Name	Project Description	Total Project Cost	Non-General Funds	Project Team	Contract Completion Date	Project Status	
Upper Quad Residential Facilities	This project provides for the demolition and reconstruction of Brodie and Rasche residence halls to serve the Corps of Cadets. The new residence halls totaling approximately 210,000 GSF will provide over 1,000 beds in double and triple rooms sharing hall community bathrooms. These new residence halls will be constructed at the location of the existing Rasche Hall and Brodie Hall. Both buildings will provide double and triple occupancy rooms that meet the residence and in-room storage space needs of the cadets. Both new residence halls will	\$90,000,000	\$90,000,000	Clark Nexsen- Charlotte, NC	2016	A phased construction management contract is planned to accomodate an expedited project schedule. A building permit has been issued for demolition of Rasche Hall and a guaranteed maximum price (GMP) contract has been executed for abatement, demolition and related site improvements. Preliminary design is complete for Rasche and Brodie Halls. A second Rasche Hall GMP contract will be released for deep foundations and structural steel. A third GMP contract will be	
	provide dedicated meeting, community and group spaces specifically designed to meet corps program and organization needs. Thomas Hall and Monteith Hall will also be demolished as part of this project.			Barton Malow Company- Charlottesville, VA		issued for finished construction of Rasche Hall and the demolition and constructio of Brodie Hall, as well as the demolition of Montieth and Thomas Halls.	
CLOSE-OUT							
Infectious Disease Research Facility	This project provided a 15,700 GSF facility to accommodate infectious disease research laboratory space, lab office space and support areas.	\$10,163,000	\$6,163,000	CUH2A Architecture, Engineering, Planning- Bethesda, MD	October 9, 2011	Construction is complete. Mechanical equipment and noise issues have been remedied by the A/E and Contractor. Final site improvements relating to stormwater management and landscaping are underway for project close-out in 2014.	
				Branch & Associates, Inc Roanoke, VA			
Chiller Plant I	This project expands the campus chilled water infrastructure and provides for the design and construction of a new 16,655 GSF chiller plant in the southwest side of campus to serve the new Human and Agricultural Biosciences Building (HABBI) and other buildings in the life sciences precinct.	\$20,097,729	\$8,039,092	Burns and Roe Service Corporation – Virginia Beach, VA	June 15, 2013	Construction is substantially complete. Final completion is pending winter commissioning. The chiller plant is operating and currently providing chilled water to HABBI, ICTAS II and Life Sciences I.	
				The Whiting-Turner Contracting Co. – Baltimore, MD			

Page 3 of 3 Presentation Date: November 18, 2013

CAPITAL CONSTRUCTION PROGRESS REPORT Board of Visitors Update

November 18, 2013



Kentland Farm - Dairy Construction

October 25, 2013



Center for the Arts – open for business!

New Construction 91,992 GSF Schultz Renovation 57,740 GSF



Human & Agricultural Biosciences Building I New Construction 92,500 GSF



Human & Agricultural Biosciences Building I Landscape Plan



Davidson Hall: West Elevation

New Construction 44,845 GSF



Signature Engineering New Construction 154,935 GSF





Rasche Hall

Demolition: 62,491 GSF

Brodie Hall

Demolition: 65,037 GSF





Upper Quad Residential Facilities

New Construction: 219,986 GSF (1,100 beds)



Capital Construction Report Questions?

CAPITAL CONSTRUCTION PROGRESS REPORT Board of Visitors Update

November 18, 2013



Kentland Farm - Dairy Construction

October 25, 2013



Center for the Arts – open for business!

New Construction 91,992 GSF Schultz Renovation 57,740 GSF



Human & Agricultural Biosciences Building I Landscape Plan



Davidson Hall: West Elevation

New Construction 44,845 GSF



Signature Engineering New Construction 154,935 GSF





Rasche Hall

Demolition: 62,491 GSF

Brodie Hall

Demolition: 65,037 GSF





Capital Construction Report Questions?

RESOLUTION ON APPOINTMENT TO THE BLACKSBURG-VIRGINIA POLYTECHNIC INSTITUTE SANITATION AUTHORITY

WHEREAS, the Blacksburg-Virginia Polytechnic Institute Sanitation Authority (the Authority) consists of five directors who are responsible for the management and operation of the Authority; and

WHEREAS, one director is appointed by each of the political subdivisions, and the other three directors are appointed jointly by the Virginia Tech Board of Visitors and the Blacksburg Town Council; and

WHEREAS, Lucius M. Merritt, Jr., currently serves as a joint appointee to the Board of Directors, with a term expiring on January 1, 2014; and

WHEREAS, the Town Council and the university desire to reappoint Lucius D. Merritt, Jr. for a term expiring January 1, 2018;

NOW, THEREFORE, BE IT RESOLVED, that Lucius M. Merritt, Jr. be reappointed as a joint representative on the Blacksburg-Virginia Polytechnic Institute Sanitation Authority effective immediately, for a four-year term expiring January 1, 2018.

RECOMMENDATION:

That the above resolution reappointing Lucius M. Merritt, Jr. as a joint representative to the Blacksburg-Virginia Polytechnic Institute Sanitation Authority be approved.

November 18, 2013

RESOLUTION ON DEMOLITION OF UNIVERSITY BUILDING 270F

WHEREAS, under the 2006 Management Agreement between the Commonwealth of Virginia and the university, the Board of Visitors has the authority to approve the disposition of any building; and

WHEREAS, building number 270F, a modular structure outfitted for office use (currently vacant), located on Stanger Street on the central campus in Blacksburg is in poor condition and uneconomical to repair; and

WHEREAS, the university will obtain the approvals of the Art and Architecture Review Board and the Department of Historic Resources for the demolition of this building prior to demolition;

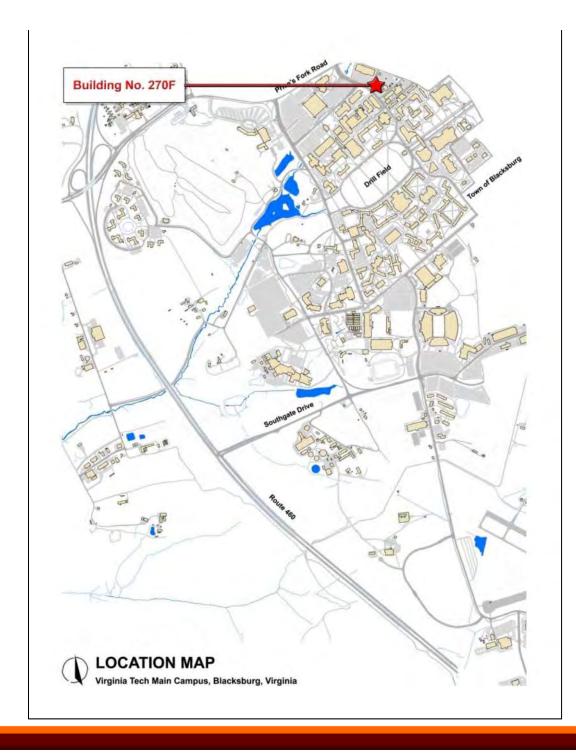
NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the demolition of building number 270F, located in Blacksburg, in accordance with the applicable statues of the <u>Code of Virginia</u> (1950), as amended.

RECOMMENDATION:

That the above resolution authorizing the demolition of building number 270F be approved.

November 18, 2013

Proposed Demolition of: BUILDING NO. 270F



BUILDING NO. 270F









Building No. 270F Interior Hallway

Photos of Existing Building

BUILDING NO. 270F

RESOLUTION ON DEMOLITION OF BUILDING NO. 270F:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the demolition of building number 270F, located in Blacksburg, in accordance with the applicable statues of the Code of Virginia (1950), as amended.

RECOMMENDATION:

That the above resolution authorizing the demolition of building number 270F be approved.

Thank You

RESOLUTION ON DEMOLITION OF UNIVERSITY BUILDING 745

WHEREAS, under the 2006 Management Agreement between the Commonwealth of Virginia and the university, the Board of Visitors has the authority to approve the disposition of any building; and

WHEREAS, building number 745, a sheep/cattle barn, located at the Southwest Virginia Agricultural Research and Extension Center near Glade Spring in Washington County, is in poor condition and uneconomical to repair; and

WHEREAS, the university will obtain the approvals of the Art and Architecture Review Board and the Department of Historic Resources for the demolition of this building prior to demolition;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the demolition of building number 745, located at the Southwest Virginia Agriculture Extension Center near Glade Spring in Washington County, in accordance with the applicable statues of the <u>Code of Virginia</u> (1950), as amended.

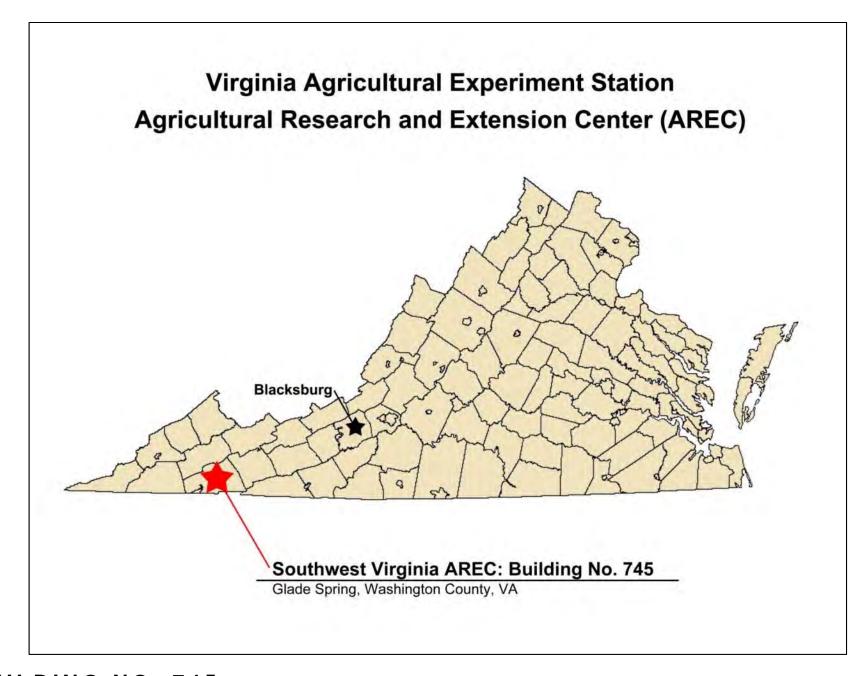
RECOMMENDATION:

That the above resolution authorizing the demolition of building number 745 be approved.

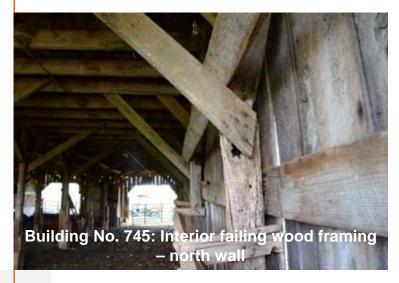
November 18, 2013

Proposed Demolition of:

BUILDING NO. 745









Photos of Existing Building

RESOLUTION ON DEMOLITION OF BUILDING NO. 745:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the demolition of building number 745, located at the Southwest Virginia Agriculture Extension Center near Glade Spring in Washington County, in accordance with the applicable statues of the <u>Code of Virginia</u> (1950), as amended.

RECOMMENDATION:

That the above resolution authorizing the demolition of building number 745 be approved.

Thank You

10 10 16 H

RESOLUTION ON THE SALE OF TIMBER AT THE SOUTHERN PIEDMONT AGRICULTURAL RESEARCH AND EXTENSION CENTER

WHEREAS, by deed dated September 3, 2002, Virginia Polytechnic Institute and State University acquired from the U.S. Department of Education, through a public benefit conveyance, approximately 1,181.98 acres of land located on the Fort Pickett Military Reservation of Nottoway County, Virginia (hereinafter "Property"); and

WHEREAS, this Property is the site of the Southern Piedmont Agricultural Research and Extension Center; and

WHEREAS, Virginia Polytechnic Institute and State University agreed to use the Property for certain educational purposes as detailed in its Application for Public Allowance Acquisition (hereafter "Application") dated November 2, 1998; and

WHEREAS, Section IV.F. of the Application provides for the harvesting of timber on the Property and the use of the timber proceeds; and

WHEREAS, the university is desirous of selling timber on approximately 167 acres within Lot 3 of the Property designated on a plat prepared by Maxey-Hines & Associates, P.C. dated December 7, 1999, entitled "Boundary Survey for Virginia Polytechnic Institute and State University"; and

WHEREAS, the timber proceeds will be expended on-site at the Southern Piedmont Agricultural Research and Extension Center to fund the program;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the sale of timber in accordance with the applicable statutes of the <u>Code of Virginia</u> (1950), as amended:

AND, BE IT FURTHER RESOLVED, that the proceeds from the sale of timber be expended on-site at the Southern Piedmont Agricultural Research and Extension Center in accordance with the provision in the Application for Public Allowance Acquisition dated November 2, 1998.

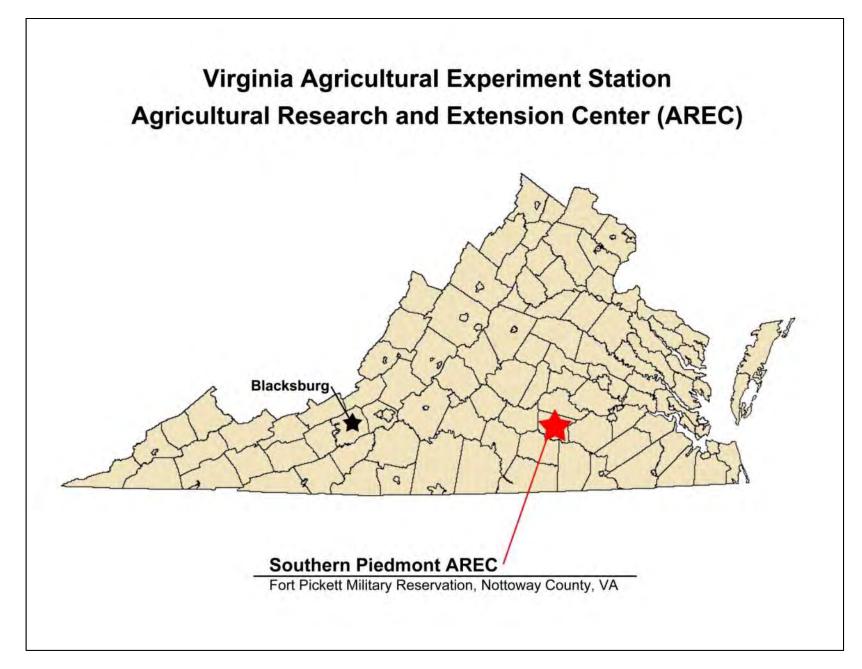
RECOMMENDATION:

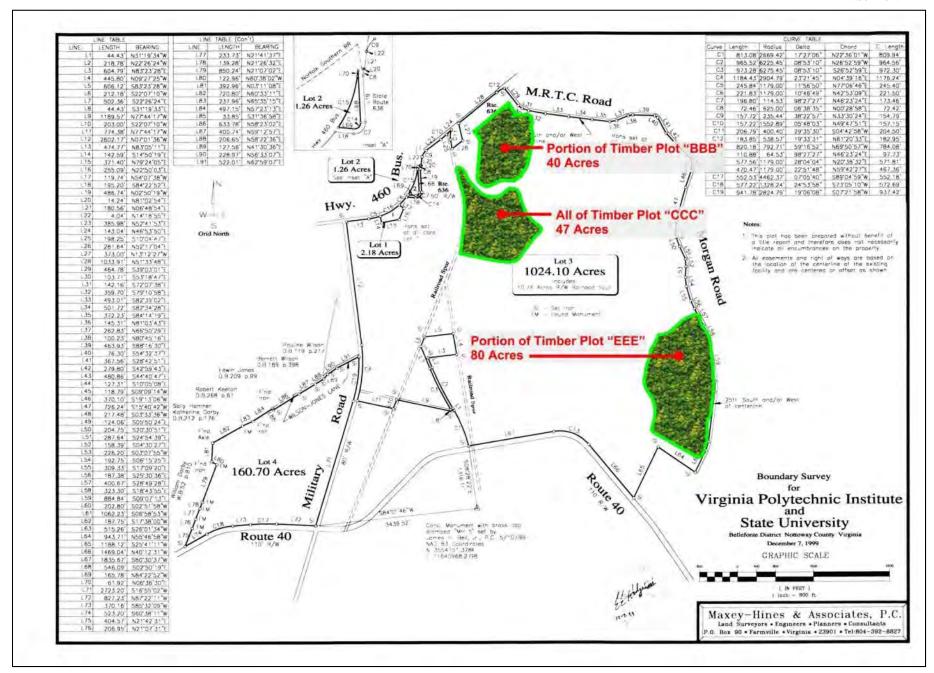
That the above resolution authorizing the sale of the timber at market rate and the expenditure of the timber proceeds on-site at the Southern Piedmont Agricultural Research and Extension Center be approved.

November 18, 2013

Proposed Timber Sale at:

SOUTHERN PIEDMONT AREC





SOUTHERN PIEDMONT AREC - TIMBER SALE

RESOLUTION ON PROPOSED TIMBER SALE:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the sale of timber in accordance with the applicable statues of the <u>Code of Virginia</u> (1950), as amended. The proceeds from the sale of timber shall be expended on-site at the Southern Piedmont Agricultural Research and Extension center in accordance with the provision in the Application for Public Allowance Acquisition dated November 2, 1998.

RECOMMENDATION:

That the above resolution authorizing the sale of the timber at market rate and that the timber proceeds be expended on-site at the Southern Piedmont Agricultural Research and Extension Center be approved.

RESOLUTION ON TRANSFER OF PROPERTY TO VIRGINIA TECH/MONTGOMERY REGIONAL AIRPORT AUTHORITY

WHEREAS, the Virginia Tech/Montgomery Regional Airport Authority (Airport Authority) is planning an airport expansion to better accommodate future growth of the university and the surrounding region, including approximately 1,000 feet of linear expansion to the runway, additional taxiways, and a larger hanger; and

WHEREAS, Virginia Polytechnic Institute and State University ("Virginia Tech") desires to transfer approximately 26.361 acres in fee simple, 17.920 acres in a permanent easement for the Runway Protection Zone (RPZ), and 3.549 acres for a storm water easement (collectively known as the "Property"), to the Airport Authority in order to allow the expansion of the airport facility; and

WHEREAS, the Property is more particularly shown on a drawing entitled Virginia Tech-Montgomery Regional Airport Authority, dated July 17, 2013, and prepared by Anderson & Associates, Inc.; and

WHEREAS, the Property has been appraised independently by both the Airport Authority and Virginia Tech; and

WHEREAS, the mutually agreed upon price of the conveyance of the Property is \$9,400,000.00; and

WHEREAS, the Federal Aviation Authority (FAA), through grant anticipation notes between the Airport Authority and the university, will provide funding to the Airport Authority for the purchase of the Property from the university, with proceeds from the sale being paid incrementally, anticipated to begin in 2018; and

WHEREAS, the proceeds from the conveyance can be used to partially fund the relocation of the current Dairy Science facilities, which are located in the footprint of the proposed airport expansion, to Kentland Farms; and

WHEREAS, the sales contract and subsequent conveyance instrument for any Property currently owned by the university to be conveyed for the project will have an explicit reversionary clause stating that failure of full payment to the university from the grant anticipation notes by July 1, 2044, will cause the Property to revert back to the university with no further financial obligation from the university;

NOW, THEREFORE, BE IT RESOLVED, that the Vice President for Administration, upon receipt of required Commonwealth approvals, be authorized to execute the sales contract and the deed to the political subdivision known as the Airport Authority, and any other documents necessary to transfer the property to the Airport Authority, in accordance with the applicable sections of the <u>Code of Virginia</u> (1950), as amended.

RECOMMENDATION:

That the above resolution authorizing the transfer of the Property to the Airport Authority and authorizing the Vice President for Administration to execute the sales contract, the deed, and any other documents necessary be approved.

November 18, 2013

WASHINGTON AIRPORTS DISTRICT OFFICE

23723 Air Freight Lane, Suite 210

Dulles, Virginia 20161 Telephone: 703/661-1354

Fax: 703/661-1370



Federal Aviation Administration November 1, 2013

Mr. Michael St. Jean Executive Director Virginia Tech/Montgomery Executive Airport 1601 Tech Center Drive Blacksburg, Virginia 24060

Re: Administrative Settlement

Dairy Farm Land Acquisition

Dear Mr. St. Jean:

After reviewing the proposed administrative settlement and supporting information submitted by Campbell & Paris, we hereby approve the proposed administrative settlement for the acquisition of the following property owned by Virginia Polytechnic Institute and State University:

Area Type 26.631 Acres Fee

17.920 Acres Easement (RPZ)

3.549 Acres Easement (Stormwater)

The proposed amount of \$9,400,000 is the maximum we will approve for the acquisition. If it is not acceptable, the Airport will need to pursue other options for the acquisition of the parcel.

While we concur and authorize you to negotiate for this land acquisition, reimbursement will not be eligible until we have received acceptable Sponsor Certification for Real Property Acquisition and Title Certificate.

Please keep us informed of the status of the offer. If you should have any questions, please contact me at (703) 661-1362 or via e-mail at john.m.robinson@faa.gov.

Sincerely,

Original signed by John Robinson

John M. Robinson, II, P.E. Airport Engineer

cc: Susan Simmers, DOAV (via e-mail)

Dan McKinney, C&P-RIC (via e-mail)

WASHINGTON AIRPORTS DISTRICT OFFICE

23723 Air Freight Lane, Suite 210

Dulles, Virginia 20161 Telephone: 703/661-1354

Fax: 703/661-1370



Federal Aviation Administration November 1, 2013

Mr. Michael St. Jean Executive Director Virginia Tech/Montgomery Executive Airport 1601 Tech Center Drive Blacksburg, Virginia 24060

Re: Purchase Agreement

Dairy Farm Land Acquisition

Dear Mr. St. Jean:

We have reviewed the proposed Agreement for Purchase and Sale of Real Estate and the included Grant Anticipation Note for the purchase of property needed for the extension of Runway 12-30 and are satisfied that the terms provide the Authority with appropriate interest and control of the property to allow the issuance of future design and construction grants. We concur with the execution of the documents by the Authority

Please keep us informed of the status of the purchase. If you should have any questions, please contact me at (703) 661-1362 or via e-mail at john.m.robinson@faa.gov.

Sincerely,

Original signed by John Robinson

John M. Robinson, II, P.E. Airport Engineer

cc: Susan Simmers, DOAV (via e-mail)
Dan McKinney, C&P-RIC (via e-mail)

AGREEMENT FOR PURCHASE AND SALE OF REAL ESTATE

THIS AGREEMENT, dated as of this ___ day of November, 2013, by and between VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY, an agency of the Commonwealth of Virginia and an institution of higher education, (the "Seller") and VIRGINIA TECH/MONTGOMERY REGIONAL AIRPORT AUTHORITY, a political subdivision of the Commonwealth of Virginia, (the "Purchaser") provides:

ARTICLE I PURCHASE AND SALE: PAYMENT OF PURCHASE PRICE

For and in consideration of the mutual promises contained herein, the parties agree as follows:

- 1. **Purchase and Sale**. The Seller agrees to sell and the Purchaser agrees to purchase for the sum of NINE MILLION FOUR HUNDRED THOUSAND and $^{00}/_{100}$ DOLLARS (\$9,400,000.00) (the "Purchase Price"), and in accordance with the other terms and conditions set forth herein three separate real estate parcels, each of which are included as a portion of Tax Map Parcel 256-A-1, comprised as follows:
- Parcel 1 26.361 acres to be acquired in fee simple for runway extension;
- Parcel 2 17.920 acres to be acquired as an easement for the runway protection zone for the runway extension with the easement provisions reflected on the attached Schedule, which is incorporated herein by this reference;
- Parcel 3 3.549 acres to be acquired as an easement for stormwater management for the runway extension area;

together with all appurtenances thereunto belonging, being all of the property, located in Montgomery County, Virginia (the "Property"), said property to be acquired as shown on the plat by Anderson & Associates, dated October 10, 2013, Document Number 29890-001 labeled "Western Land Acquisition" a copy of which plat is attached and incorporated herein. Seller retains, however, and reserves the right to remove from the Property, prior to Closing (as defined below), such of the improvements including buildings and equipment and other personal property now located on the Property as it may desire to remove. Any such property or improvements that are not so removed and remain on the Property on the date of Closing shall be deemed to be included in the Property and to be sold and conveyed to Purchaser by Seller for the Purchase Price.

2. **Payment of Purchase Price**. The Purchase Price shall be paid to the Seller in the following manner:

- a. The Purchase shall receive a credit against the Purchase Price in an amount equal to the Deposit (as defined below). Upon the execution hereof, the Purchaser shall pay to the Seller the amount of One Thousand Dollars (\$1,000.00), (the "Deposit"), to be held by Sands Anderson PC as Escrow Agent. Upon default or upon any cancellation of this Agreement, the Deposit shall be paid to the Purchaser as expressly provided in this Agreement.
- b. The Purchaser shall pay the balance of the Purchase Price, less the Deposit and as adjusted by the prorations and expenses required hereunder, to the Seller at Closing by the delivery of Purchaser's Grant Anticipation Note ("GAN"), payable from grant funds to be received from the Federal Aviation Administration ("FAA") and/or the Virginia Department of Aviation ("DOAV") and the associate Sponsor grant match or from other federal or Virginia agencies but from no other source, in the amount of the Purchase Price less the amounts referred to above, without interest, maturing on or about July 1, 2024, Purchaser expects funding from the FAA in fiscal years 2018, 2019 and 2020, and Purchaser has agreed to use its best efforts to obtain such grant funding. As funding occurs, Purchaser will pay all grant monies received to Seller.

ARTICLE II SELLER REPRESENTATIONS, WARRANTIES AND COVENANTS

The Seller hereby makes the following representations, warranties and covenants with respect to the Property. If any of such representations are not true when made or at Closing, Purchaser may elect to terminate this Agreement and receive back the Deposit.

1. Environmental Matters.

- (a) To the best of Seller's knowledge, other than the matters identified in the Phase I Environmental Site Assessment Report and Environmental Due Diligence Audit (EDDA) dated July 30, 2013 from ECS Mid-Atlantic LLC and the Asbestos Survey and Lead-Based Paint Screening dated July 30, 2013 from ECS Mid-Atlantic LLC (together, the "Environmental Reports") (i) no other hazardous or toxic waste is or has been used, generated, stored or disposed of on the Property; (ii) the Property and the Seller each will comply fully with all environmental laws; and (iii) the Seller knows of no claim or proceeding against the Seller or the Property with respect to environmental matters.
- (b) Seller represents and warrants that, other than as identified in the Environmental Reports as to asbestos and lead-based paint that will be removed under the funding by the Grants, there has been no generation, accumulation, storage, release or threat of release of hazardous substances, pollutants, hazardous waste or toxic materials [as those terms are used in the Comprehensive Environmental Response, Compensation and Liability Act of 1980 .42 U.S.C. §9601 et seq., as amended, Toxic Substances Controls Act of 1976, Resource Conservation and Recovery Act of 1976 or in any other federal, state or local law (and all regulations promulgated under any of the same) as such laws are amended from time to time) on

the Property, including, but not limited to, polychlorinated biphenyls (PCBs) and asbestos other than identified in the Environmental Reports, but not including hazardous substances which are present on the Property for purposes of pest control or necessary for normal maintenance of the Property which are properly stored in a safe and lawful manner; (iii) the spilling or leaking of petroleum products on or from the Property (other than immaterial quantities in connection with the operation of motor vehicles) on the Property; or (iv) any other environmental condition with regard to the Property which could result in liability for an owner or operator of the Property, including, but not limited to, a release, discharge or disposal of any hazardous substance or petroleum product on any property within or near the Property such that contamination of the Property is possible; (iii) radon gas or urea formaldehyde has been detected on or in the Property; or (iv) the Property or the seller are the subject of any third party claim or action, or threat thereof, because of any environmental condition on or originating from the Property or arising in connection with the operation of the Property. Seller shall promptly provide Purchaser with copies of all correspondence to or from third parties regarding environmental conditions on or originating from the Property or arising in connection with the operation of the Property. Seller agrees to correct and or remediate any breach or violation of this representation, including any penalties, demands, actions, costs and expenses (including, without limitation, attorneys' fees, remedial and response costs and any continuing monitoring or closure costs) incurred or suffered by the Purchaser, or asserted by any third party against the Purchaser, due to the breach of Seller's duties and obligations set forth herein. The warranties, representations and obligations of Seller relating to such environmental matters shall survive the expiration or earlier termination of this Agreement. Seller recognizes that it may in any event be responsible for such remediation or correction if such environmental condition occurred during its ownership of the Property.

- 2. Removal of Property. Any and all removal of property by the Seller as set forth in Article I, paragraph 1 of this Agreement shall be done in compliance with any and all applicable local, state and federal laws, rules and regulations, including, but not limited to, laws, rules and regulations regarding zoning, demolition, and environmental. In addition to the remedy set forth in Article II, paragraph 1 of this Agreement, the Purchaser shall have the right to proceed with Closing and deduct the estimated cost from the Purchase Price to bring the Property into compliance with the applicable local, state and federal laws, rules and regulations.
- 3. **Authority.** Subject to Section 3(b) below, Seller has the power and authority to sell the Property; the Seller has no liability or obligations of any nature that would preclude or impair to any extent the sale, transfer or conveyance contemplated in this Agreement; Seller has no presently existing contracts, commitments or obligations which would prevent the consumption of the transaction contemplated hereunder (including without limitation the delivery of the deed to and possession of, the Property at settlement), and the Seller has not made or entered into any oral or written agreement or contract to lease, sell or grant any option to sell the Property to any person or entity other than the Purchaser.
 - a. Purchaser has the power and authority to acquire the Property; the Purchaser has no liability or obligations of any nature that would preclude or impair to any extent, the purchase contemplated in this Agreement; Purchaser has no presently existing contracts, commitments or obligations

which would prevent the consummation of the transaction contemplated hereunder.

- b. Notwithstanding the foregoing, this Agreement shall be effective and binding only upon approval by the Board of Visitors of the Seller and the final written approval of the Governor of Virginia or his designee, as required by Virginia Code Section 2.2-1150, which shall be appended to and recorded with the Deed from Seller. In the event this Agreement shall not be approved, neither party shall have any further obligation hereunder and the Deposit shall be refunded to Purchaser.
- 4. Waiver of Relocation Costs. Seller has waived any rights to receive reimbursement or costs relating to relocation.

ARTICLE III TITLE MATTERS

At Closing, title to the Property shall be good and marketable of record and in fact (to be conveyed as to Parcel 1 in fee simple and in Parcels 2 and 3 as easements). Subject to Article II, paragraph 3(b), reasonable time shall be allowed the Seller to correct any defects reported by the title examiner. It is expected that a portion of the Property to be conveyed will be owned by Seller prior to Closing in a conveyance from the Commonwealth of Virginia, Department of Transportation in relation to the relocation of Southgate Drive, and to the extent such conveyance has not occurred prior to the Closing, then such portion shall be excluded hereunder and the Purchase Price shall be accordingly reduced by the appraised value of such portion.

ARTICLE IV CLOSING

- 1. Closing ("Closing") shall be held at the offices of Sands Anderson PC, 150 Peppers Ferry Road NE, Christiansburg VA 24073-6548 or at such other location agreeable to the parties, on July 1, 2014 or as soon thereafter as the approvals set forth in Article II, Section 3(b) hereof can be reasonably obtained, as to which Closing Date TIME IS OF THE ESSENCE.
- 2. **Seller Deliveries**. At or prior to Closing, the Seller shall execute in favor of the Purchaser all of the following instruments, in form and substance satisfactory to the Purchaser, each of which shall have been duly executed and, where applicable, acknowledged on behalf of the Seller:
 - a. A deed, with general warranty and English covenants of title (subject only to any easements or restrictions of record) for Parcel 1 and an easement or easements for use of Parcels 2 and 3 for the Purchaser's use as a runway protection zone area and stormwater management, respectively, relating to Purchaser's runway extension project), with a metes and bounds legal description and a survey of the Property, (together, the "Deed");

- b. Such agreements, affidavits or other documents as may be required by Purchaser's title insurance company to issue an owner's title insurance policy for the Property with no exception for mechanics liens and/or rights of third parties to possession,
- c. An affidavit, stating that the Seller is not a foreign entity under the Foreign Investment in Real Property Tax Act,
- d. An affidavit, stating the information necessary for the Purchaser to comply with Section 6045 of the Internal Revenue Code,
- e. A resolution of or other evidence reasonably satisfactory to Purchaser, from the Board of Visitors authorizing sale of the Property in proper form and executed by an officer of the Seller authorized to execute such resolution or other evidence,
- f. Written approval from the Governor of Virginia,
- g. A Clerk/Secretary's Certificate as is customary in acquisitions from a state university that must include, but is not limited to, a Certificate of Incumbency, and
- h. Any other documents reasonably required by the Purchaser or the Purchaser's title company.
- 3. Closing Costs. The Purchaser shall pay the cost of examining title, the title insurance premium, the Grantee's Tax, if any, and all cost of recording the deed, except Grantor's tax. The Seller shall pay Grantor's Tax, if any, all property taxes up to and including the date of Closing, if any, the cost of preparing the Deed and any and all releases of any deed of trust or other liens on the Property, the cost of recording such releases, and any other amounts necessary to release the Property from the lien of any deed of trust, judgments or other liens. Except as is otherwise provided in this Agreement, each party hereto shall pay its own legal fees and expenses.
- 4. **Tax Allocations**. All taxes, if any, are to be adjusted to date of Closing and prorate as of that date.

ARTICLE V TERMINATION RIGHTS

1. **Termination by Purchaser**. If any conditions for Purchaser's benefit set forth herein will not be satisfied prior to Closing, or upon the occurrence of any other event that would entitle the Purchaser to terminate this Agreement, the Purchaser at its option, may elect either (a) to terminate this Agreement, in which event the Deposit forthwith shall be returned to the Purchaser and all other rights and obligations of the Seller and the Purchaser hereunder shall terminate immediately, or (b) to waive its right to terminate and, instead, to proceed to Closing. If the Purchaser terminates this Agreement as a consequence of the Seller's misrepresentation, breach of a warranty or covenant by the Seller or failure of the Seller to perform its obligations

hereunder, the Purchaser shall retain all remedies accruing as a result thereof including, but not limited to, the right to specific performance of this Agreement.

ARTICLE VI REVERSION CLAUSE

The Deed shall contain a reversion clause that provides:

- 1. If the Purchaser is dissolved as an entity, the Seller shall have the right to require the Property to revert back to the Seller in accordance with the following terms:
 - a. So long as the Seller is at the time of reversion operating an airport on the Property and the premises subject to a Master Lease between the Seller and the Purchaser, dated as of July 1, 2002, then the reversion shall occur only upon the Seller paying a purchase price to the Purchaser in an amount equal to 2% of the Purchase Price of the Property so that the members of the Purchaser will be able to receive their pro rata portion of such purchase price.
 - b. If the Seller is not operating an airport on the Property and the premises, then the reversion shall occur only upon the Seller meeting grant assurances to applicable federal and state agencies.
- 2. If the GAN has not been fully paid by the Purchaser by July 1, 2044, then the Property shall revert back to the Seller for a purchase price equal to the total amount of payments made to the Seller pursuant to the GAN from grant monies.

ARTICLE VII MISCELLANEOUS PROVISIONS

- 1. **Completeness; Modification**. This Agreement constitutes the entire agreement between the parties hereto with respect to the transaction contemplated hereby and supersedes all prior understandings and negotiations. This Agreement may be modified only by a written instrument duly executed by the parties hereto.
- 2. Successors and Assigns. This Agreement shall bind and inure to the benefit of the parties hereto and their respective successors and assigns.
- 3. **Governing Law**. This Agreement and all documents referred to herein shall be governed by and construed and interpreted in accordance with the laws of the Commonwealth of Virginia.
- 4. **Notices**. All communications hereunder shall be in writing and shall be delivered by hand, or sent by the United States mail, certified, postage prepaid, return receipt requested, to the addresses designated below.

Sellers Address for Notices:

Virginia Polytechnic Institute and State University University Legal Counsel and Special Assistant Attorney General Associate236 Burruss Hall (0121) Blacksburg, Virginia 24061

Purchaser's Address for Notices:

Virginia Tech/Montgomery Regional Airport Authority Michael St. Jean, Executive Director 1601 Research Center Drive Blacksburg, VA 24060

With a copy to:

Daniel M. Siegel, Esquire Sands Anderson PC P. O. Box 1998 Richmond, VA 23218-1998

- 5. **Survival**. All of the representations, warranties, covenants and agreements of the Seller and the Purchaser under this Agreement shall survive Closing.
- 6. **Ratification**. This Agreement is subject to ratification by the Purchaser's Board, and the failure of such Board to ratify this Agreement within ninety (90) days after the date hereof shall render this Agreement null and void, in which event, the Deposit shall be returned to the Purchaser and the parties hereto shall be relieved of any further liability hereunder.
- 7. Concurrence by Federal Aviation Administration. This Agreement and transaction contemplated herein is subject to concurrence by FAA. Should the FAA fail to provide concurrence to this Agreement or the contemplated transaction, this Agreement shall be null and void, in which event, the Deposit shall be returned to the Purchaser and the parties hereto shall be relieved of any further liability hereunder.

8. Escrow Agent.

a. In the event that any application, delivery or other payment of all or any portion of any Deposit hereunder be disputed by a party of this Agreement, the party hereto who receives the Deposit or payment from the Escrow Agent shall, by its acceptance thereof, agrees to hold harmless the Escrow Agent from any and all loss, expense, claim or other cost arising in connection with the Escrow Agent's performance of his duties, excepting only losses, expenses, costs or other damage arising solely as a result of the gross negligence, willful misconduct or fraud of the Escrow Agent.

- b. Under no circumstances shall the Escrow Agent be liable for any costs, expenses, losses or other claims incurred in connection with its activities as Escrow Agent, excepting solely any such costs, expenses, losses or other damage as may have resulted from the Escrow Agent's gross negligence, willful misconduct, or fraud.
- 9. Access, Use and Construction Prior to Closing. The Seller and the Purchaser understand and acknowledge that Closing is not expected to be completed until July 1, 2014 at the earliest, and that access to the Property will occur prior to Closing. The Seller and Purchaser agree that the Purchaser may have access to the Property relating to runway extension and stormwater management prior to Closing.
- 10. **Assignment.** Purchaser may only assign this Agreement with the written consent from the Seller, which may be withheld in the Seller's sole discretion.
- 11. Easements and Access following Closing. Seller reserves the right to access. inspect, maintain, operate, alter, remove, abandon, and repair any and all existing utilities corridors, duct banks, or related fiber optic, water, sewer or related appurtenances on, under or within the Property, subject to such access and actions being reasonably approved by Purchaser in order for such access and actions to not unreasonably obstruct the operation of the airport or violate rules or regulations of the FAA or DOAV. The Purchaser will not unreasonably withhold its approval of such access or actions, and the intent of this provision is for the Seller and Purchaser to coordinate any such access or actions relating to such easement. Furthermore, the Seller reserves the right and Purchaser heretofore acknowledges that Seller reserves the right to relocate or reconstruct any and all aforementioned utilities appurtenances. Seller acknowledges and Purchaser agrees that any such work will be done suitable to Purchaser and said work, if applicable, will not unduly intefere with the use of the Property. Purchaser agrees not to unreasonably withhold consent for such work from Seller and Purchaser hereby agrees that no fees or expenses will be incurred by Seller to Purchaser for any work deemed necessary. The provisions of this section shall be included within the Deed of the Property or an easement for recordation therewith.

[Signature Pages to Follow]

WITNESS the following signatures.

	8
SEL	LER:
	GINIA POLYTECHNIC INSTITUTE AND ATE UNIVERSITY
By: Title	E
[SEAL]	
Attest:	
By:Clerk/Secretary	
COMMONWEALTH OF VIRGINIA) AT LARGE)	
, Virginia, this day of	vledged before me in the City/County of, 2013, by, te and State University, an institute of higher
education of the Commonwealth of Virginia.	•
My Commission Expires: My Notary Registration number is:	·
Notary Publi	<u>c</u>

PURCHASER:

VIRGINIA TECH/MONTGOMERY REGIONAL AIRPORT AUTHORITY,

a Political Subdivision of the Commonwealth of Virginia

By:

Chairman

(SEAL)

[SEAL]

Attest:

By:

Secretary-Treasurer

COMMONWEALTH OF VIRGINIA) AT LARGE)

The foregoing instrument was acknowledged before me in the City/County of Montgomery, Virginia, this 22 day of Ctober, 2013, by L.A. Bouman, Chairman of the Board of Virginia Tech/Montgomery Regional Airport Authority, a political subdivision of the Commonwealth of Virginia.

My Commission Expires: September 30, 2016.

My Notary Registration number is:

Nøtary Public

Notary Public Commonwealth of Virginia My Comm<u>ission Expires September 3</u>0, 2016

SCHEDULE WITH EASEMENT PROVISIONS FOR RPZ

FURTHER WITNESSETH, that for and in consideration of the sum of three million three hundred and forty six thousand four hundred Dollars (\$3,346,400), cash in hand paid, and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged by the parties of the first part, the said Grantor does hereby grant, bargain, sell and convey a permanent avigation easement containing 17.920 acres to the Grantee over the portion of the property of the Grantor shown on the attached plat for the purposes of the Virginia Tech-Montgomery Executive Airport. The minimum elevation of the easement, hereinafter referred to as the Approach surface shall be a slope extending outward from the extended runway 12 end per the 2010 ALP along the extended centerline of the runway of the Virginia Tech-Montgomery Executive Airport beginning at an elevation of 2119-feet, and extending at a slope of one (1) foot rise for every thirty four (34) horizontal distance along the extended centerline for the approach surface. The minimum elevation of the easement shall be 2143- feet at the eastern boundary of the easement in the line of the property conveyed above to Grantee, 2,168 feet at the western boundary of the easement.

The purpose of this easement shall be for the benefit of the Grantee and the public in its use of the Virginia Tech-Montgomery Executive Airport. To that end, the Grantor shall not hereafter erect or permit the erection of growth of any structures, trees or other objects within or upon said 17.920 acre area within the vertical area included in the easement. The Grantee shall have the right to take any action necessary to prevent the erection of growth of any structure, tree of other object into the airspace included in the vertical space of the easement and to remove from such airspace or mark or light as obstructions to air navigation, in its sole discretion, any and all structures, trees or other objects. The Grantee shall have a permanent right of ingress to, egress from and passage over the land to which the easement applies for any purposes in connection with this easement as stated herein.

Further, for the consideration as set out above, Grantor does hereby grant unto the Grantee a right to fell all trees which are located within the limits of the easement area as of the execution date of this Deed of Easement or at any later time. Grantee shall have the additional right to cut any trees to a height ten (10) feet below the minimum elevation of the easement, so as to keep the trees below the described surface area.

Further, for the consideration as set out above, Grantor does hereby grant unto the Grantee for the use and benefit of the public a right of flight for passage of aircraft in the airspace at or above the minimum elevation of the avigation easement together with the right to cause in said airspace such noise, vibrations and fumes as may be inherent in or useful for the operation of aircraft used in the airspace for landing at, taking off from, or operation at or near the airport.

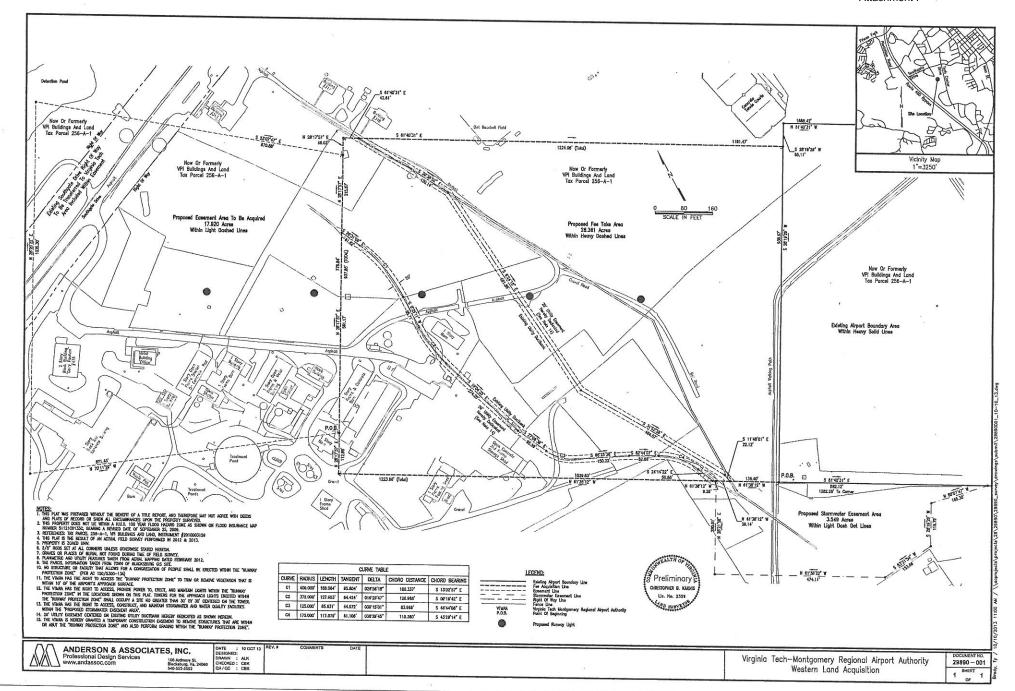
Further, for the consideration as set out above, Grantor does hereby agree to preclude and prevent the construction or development of facilities that will create electronic interference with

airport or aircraft navigational aids, and to preclude and prevent construction or development of facilities that will result in directed lighting or glare from the property onto the airport.

Further, for the consideration as set out above, Grantor does hereby agree to preclude and prevent current and future uses of the land that are incompatible within the Runway Protection Zone (RPZ) area. These incompatible uses within the RPZ include:

- 1. land use for residences and places of public assembly (churches, schools, hospitals, office buildings, shopping enters, and other uses with a similar concentration of persons);
- 2. land use that attracts wildlife;
- 3. other uses inconsistent with airport operations (such as smoke generating and fuel storage facilities).

Further, the FAA has reviewed the proposed relocation of Southgate Drive, Research Center Drive, and the Huckleberry Trail, and agrees the planned relocation of these facilities does not constitute incompatible land uses with respect to the Runway Protection Zone.



BOUNDARY DESCRIPTION FOR PROPOSED FEE TAKE AREA FOR VIRGINIA TECH - MONTGOMERY REGIONAL AIRPORT AUTHORITY WESTERN LAND ACQUISITION:

BEGINNING AT AN IRON ROD ON THE EXTREME WESTERN CORNER OF EXISTING AIRPORT BOUNDARY AREA, A POINT SOUTH-WEST OF THE WESTERN END OF EXISTING AIRPORT LANDING STRIP; THENCE N61°38'12"W, 1223.66 FEET TO AN IRON ROD SET; THENCE N28°17'57"E, 112.99' FEET TO AN IRON ROD SET, THE "POINT OF BEGINNING" AND CORNER FOR THE SOUTH-EASTERN END OF PROPOSED EASEMENT AREA, N28°17'57"E 776.84 FEET TO AN IRON ROD SET, THE NORTH-EASTERN END OF PROPOSED EASEMENT AREA; THENCE LEAVING PROPOSED EASEMENT AREA, N28°17'57"E, 48.02 FEET TO AN IRON ROD SET; THENCE S61°40'31"E 1224.08 FEET TO AN IRON ROD SET, A POINT ON LINE OF EXISTING AIRPORT BOUNDARY AREA; THENCE WITH EXISTING AIRPORT BOUNDARY AREA S28°19'29"W 938.67 FEET TO THE POINT OF BEGINNING FOR THE PROPOSED FEE TAKE AREA; CONTAINING AN AREA OF 26.361 ACRES, AS SHOWN ON PLAT BY ANDERSON & ASSOCIATES, DOCUMENT NUMBER 29890-001.

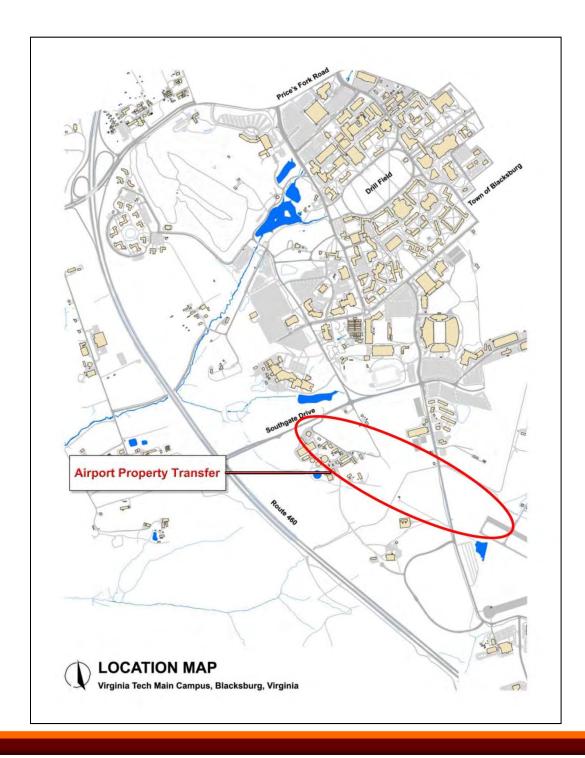
AREA DESCRIPTION FOR PROPOSED EASEMENT AREA:

FROM POINT OF BEGINNING FOR PROPOSED EASEMENT AREA, AS DESCRIBED ABOVE, AN IRON ROD SET, A POINT ON PORPOSED FEE TAKE AREA; THENCE N70°11'29"W, 871.43 FEET TO AN IRON ROD SET; THENCE N28°20'22"E, 1035.30 FEET TO AN IRON ROD SET; THENCE S53°07'47"E, 870.88 FEET TO AN IRON ROD SET, A POINT ON THE PROPOSED FEE TAKE AREA; THENCE WITH THE FEE TAKE AREA, S28°17'57"W, 776.84 FEET TO THE POINT OF BEGINNING FOR THE PROPOSED EASEMENT AREA; CONTAINING AN AREA OF 17.920 ACRES AS SHOWN ON PLAT BY ANDERSON & ASSOCIATES, DOCUMENT NUMBER 29890-001.

Proposed Land Transfer to:

VIRGINIA TECH/ MONTGOMERY REGIONAL AIRPORT

(VTMRA)

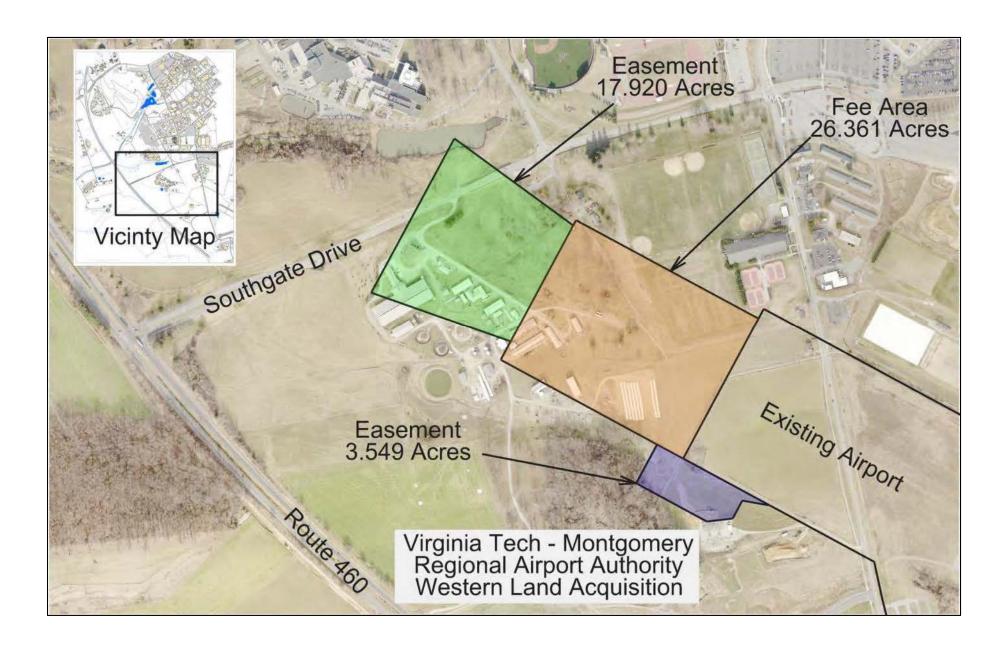


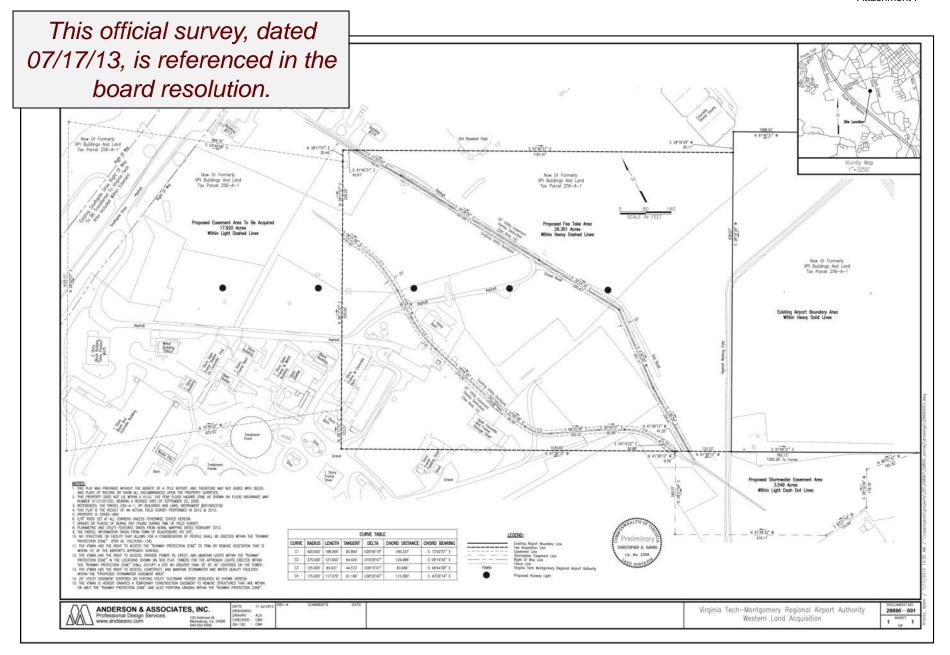
VTMRA LAND TRANSFER

LAND TRANSFER OVERVIEW:

- The Virginia Tech/ Montgomery Regional **Airport Authority is planning an airport expansion** to better accommodate future growth of the university and the surrounding region.
- Virginia Tech desires to transfer property to the Airport Authority in order to allow the expansion of the airport facility.
 - 26.361 acres in fee
 - 17.920 acres in easement (RPZ)
 - 3.549 acres in easement (stormwater management)
- The property has been appraised independently by both the Airport Authority and Virginia Tech, and the mutually agreed upon price of the conveyance of the property is \$9,400,000.
- The FAA, through grant anticipation notes, will provide funding to the Airport Authority for the purchase of the property from the university.
- Proceeds from the sale will be paid incrementally, anticipated to begin in 2018; Proceeds can be partially used to fund
 the relocation of the current Dairy Science Facilities to Kentland Farms.
- The sales contract will have an explicit reversionary clause stating that failure of full payment to the university from the grant anticipation notes by July 1, 2044 will cause the property to revert back to the university with no further financial obligation from the university.

VTMRA - LAND TRANSFER





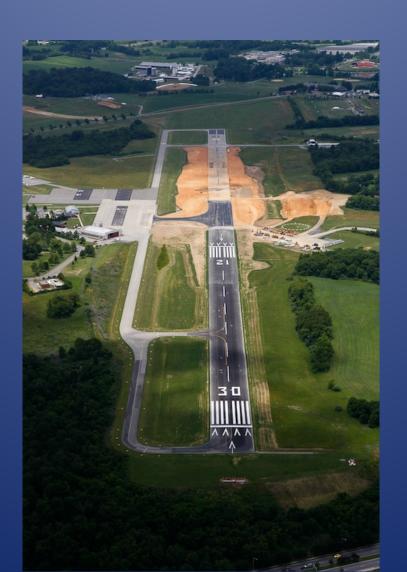


Virginia Tech: Office of University Planning



FAA-DOAV-Airport Land Acquisition Process

Board of Visitors November 2013



Who Is Involved?



Virginia Tech – Montgomery Regional Airport Authority



Federal Aviation Administration



Virginia Department of Aviation



Virginia Department of Transportation

Payment Process

- Purchase Contract Stipulates a \$9.4 million
 Payment.
- Payment will be funded through Federal funds (FAA AIP program), State funds (DOAV Capital Program), and local funds (Airport Authority).
- Payment scheduled to be completed no later than July 1, 2024.

Grant Process

FAA Airport Improvement Program (AIP)

- AIP established in 1982 (predated by similar PGP and ADAP programs from 1970-1981)
- AIP funds are drawn from the Airport and Airway Trust Fund, which is supported by user fees, fuel taxes, and other similar revenue
- Congress provides an Appropriation for funds, either in a multi-year or annual program
- Congress provides annual Authorization to spend funds (typically occurs November-January)
- Program Congress has approved provides for 90% grants for AIP

Grant Process Cont.

- FAA accepts grant applications for eligible projects (typically April-August)
- Grant applications reviewed by FAA and OMB. OMB provides release of the grant funds, typically 30-60 days after application
- FAA extends formal grant offer to Airport. **Grant number assigned**.
- Airport Authority signs and returns grant offer
- Airport can now submit request for grant funds
- Grant funds are available for use for up to five years
- For Construction: Grant must be in place prior to construction start
- For Land Acquisition: Grant funds may be used after-the-fact as long as federal guidelines were followed and FAA coordinated with
- Construction grant funds must be used on property with at least 30 years of control by an Airport
- Construction funds have grant obligations that last 20-years requiring the improvement to be used for aviation purposes

Grant Process Cont.

How Projects are Identified

- The Airport owner/operator is responsible for implementing its Master Plan and coordinating its Airport Capital Improvement Plan (ACIP) with the FAA and DOAV
- Airport Projects are eligible because:
- 1. Airport is part of the National Plan of Integrated Airport Systems (NPIAS)
- 2. Airport has an Approved Airport Layout Plan (ALP)
- Airport coordinates annually with FAA and DOAV on project needs and cost based on preliminary estimates
- 4. FAA inserts the coordinated ACIP into its **SOAR** database (SOAR tracks Airport needs across the nation)

Grant Process Cont.

DOAV Process:

- DOAV capital funds are allocated from the Commonwealth Airport Fund (part of the Transportation Trust Fund)
- DOAV coordinates their Airport IQ database with FAA's SOAR database
- The Virginia Aviation Board (VAB) allocates DOAV funds during four quarterly work sessions
- DOAV grant request with FAA funds attached are historically approved
- DOAV funds 8% of the non-federal share of projects

Virginia Tech-Montgomery Executive Airport Specifics

Historic Information:

- Airport's Layout Plan approved by FAA in 2008 and updated and approved in 2011 to reflect 5,500-ft runway.
- Airport has <u>already received more than \$14 million</u> in grants over last 9 years to implement ALP to include:
- 1. Land Acquisition along South Main Street
- 2. Terminal Ramp Improvement and Expansion
- 3. Rehabilitation of Runway 12-30 to include addressing runways vertical curve
- 4. Environmental Assessment

Virginia Tech-Montgomery Executive Airport Specifics

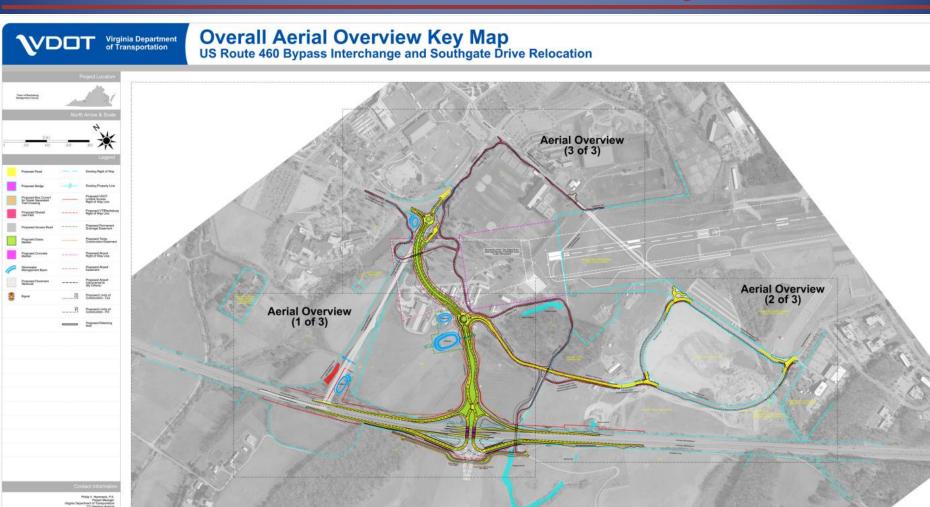
- Airport has coordinated with FAA annually on implementing its Master Plan, programing projects to match availability of federal funds
- FAA has updated their SOAR program with this coordinated ACIP schedule annually
- The DOAV Airport IQ system is updated
- Airport has followed the Federal Land Acquisition requirements and received appropriate concurrence

Virginia Tech-Montgomery Executive Airport Specifics

AIRPORT IMPROVEMENT PROGRAM

FY 2014	AIP Funds	Other funds	Total
Runway Extension Design	\$730,000	\$81,111	\$811,111
FY 2015			
Construction (Research Center Drive)	\$2,200,000	\$244,444	\$2,444,444
FY 2016			
Construction (Runway Phase I)	\$4,745,000	\$527,222	\$5,272,222
FY 2017			
Construction (Runway Phase II)	\$2,012,500	\$223,611	\$2,236,111
FY 2018			
Land Acquisition(Payment Part I)	\$2,820,000	\$313,333	\$3,133,333
FY 2019			
Land Acquisition(Payment Part II)	\$2,820,000	\$313,333	\$3,133,333
FY 2020			
Land Acquisition(Payment Part III)	\$2,820,000	\$313,334	\$3,133,334

Interface Between Projects



Interface Between Projects Cont.



Benefits

- Accelerates construction schedule of runway extension and realignment of Research Center Drive by three years
- Accelerated schedule allows for efficiencies to be gained to cost, coordination, construction, and reduced duration of construction nuisances
- Specifically allows for VDOT coordination during design and construction

Schedule

- Several of the road projects require FAA grant participation
- Airport work requires several road items to be completed

		20	14	•		20	15			20	16			20	17			20	18			2	019		2020			
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ROUTE 460 INTERCHANGE																												$\overline{}$
ADVERTISE				•																								
NOTICE TO PROCEED					•																							
DEMOLITION OF DAIRY STRUCTURES							•																					-
UTILITY WORK					1																							
STORMWATER / E&S WORK						_																						
BRIDGE WORK																												
SOUTHGATE WORK						1																						
RESEARCH CENTER DRIVE WORK																												
PROJECT COMPLETION							1																					
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RESEARCH CENTER DRIVE WORK																												
TRAIL RELOCATION																												
RUNWAY EXTENSION																												
CONSTRUCTION COMPLETION																				•								

QUESTIONS?







Committee Minutes

FINANCE AND AUDIT COMMITTEE

Duck Pond Room, The Inn at Virginia Tech

November 18, 2013

Audit Closed Session

Board Members Present: Mr. Jim Chapman, Mr. B. K. Fulton, Ms. Deborah Petrine, Mr. Michael Quillen

VPI & SU Staff: Ms. Kay Heidbreder, Mr. Brian Daniels, Ms. Savita Sharma, Mr. M. Dwight Shelton Jr., Dr. Charles W. Steger

- 1. Update on Fraud, Waste, and Abuse Cases: The Committee met in Closed Session to receive an update on the outstanding fraud, waste, and abuse cases.
- 2. Discussion with the Director of Internal Audit: The Committee met in Closed Session with the Associate Director of Internal Audit to discuss audits of specific departments and units where individual employees were identified.

Audit Open Session

Board Members Present: Mr. Jim Chapman, Mr. B. K. Fulton, Ms. Deborah Petrine

VPI & SU Staff: Mr. Allen Campbell, Mr. Al Cooper, Mr. John Cusimano, Mr. Brian Daniels, Dr. John Dooley, Ms. Deborah Fulton, Ms. Annabelle Fuselier, Ms. Natalie Hart, Mr. Tim Hodge, Ms. Elizabeth Hooper, Dr. Scott Midkiff, Mr. Ken Miller, Ms. Laura Neff-Henderson, Ms. Lisa Royal, Ms. Savita Sharma, Mr. M. Dwight Shelton Jr., Mr. Ken Smith, Mr. Jeb Stewart, Mr. Brad Sumpter

Guests: Mr. Mike Reinholtz – Auditor of Public Accounts

- 1. Motion to Reconvene in Open Session
- 2. Approval of Items Discussed in Closed Session: The Committee reviewed and ratified the quarterly personnel changes report.
- 3. Opening Remarks and Approval of Minutes of the September 9, 2013 Meeting: The Committee reviewed and approved the minutes of the September 9, 2013 meeting.
- 4. Review and Acceptance of the Auditor of Public Accounts Financial Statement Audit and Management Letter for the June 30, 2013 Audit: The Committee received a report from Mr. Reinholtz, Audit Director, Auditor of Public Accounts (APA), reporting the substantial completion of the university's financial statement audit for

the fiscal year ended June 30, 2013. The university has prepared its financial statements in accordance with generally accepted accounting principles and will carry an unmodified (clean) audit opinion. The auditors reported that there will be no written management letter comments. APA informed the Board about the upcoming changes resulting from new GASB rules related to Pension liability. The impact of the new GASB rule will be reflected in the university financial statements in fiscal year 2015.

The Committee accepted the report.

5. Review and Acceptance of University's Update of Responses to all Previously Issued Internal Audit Reports: The Committee reviewed the university's update of responses to all previously issued internal audit reports. At the September meeting, the university reported that as of June 30, 2013, 20 audit recommendations were outstanding. Eighteen audit comments have been issued since then for a total of 38 comments. As of September 30, 2013, the university has addressed 10 comments, leaving 28 comments still in progress. Since the end of the quarter, the university has closed four additional comments. One comment was given an extended completion deadline leaving 24 open recommendations in progress.

The Committee accepted the report.

6. Review of Internal Audit Department's Status Report as of September 30, 2013: The Committee reviewed the Internal Audit Department's Status Report as of September 30, 2013. Internal Audit has completed 18 percent of its audit plan in accordance with the fiscal year 2013-14 annual audit plan and previously reported modifications.

The Committee accepted the report.

- 7. Review and Acceptance of the following Internal Audit Reports/Memos Issued: The Committee reviewed and accepted the following Internal Audit reports:
 - a. External Data Interfaces and Wires Transfer: The audit received a rating of improvements are recommended. Audit recommendations were issued to management in the areas of integrity of data submission, use of shared account credentials, outdated procedural documentation, and secure deletion or encryption of Social Security Numbers.
 - b. Research: Biosafety: The audit received a rating of improvements are recommended. Audit recommendations were issued to management in the areas of development of university policy for biosafety related research, postapproval monitoring, and education and communications about research biosafety to the university community.
 - c. Student Residency Status: The audit received a rating of improvements are recommended. Audit recommendations were issued to management in the

areas of records retention and monitoring residency status for returning students.

- d. Housing and Residence Life: The audit received a rating of improvements are recommended. Audit recommendations were issued to management in the areas of summer conferences and camps documentation and conviction checks for employees with access to residence halls.
- e. College of Natural Resources and Environment: The compliance review received a rating of significant improvements are recommended. Audit recommendations were issued to management in the areas of fiscal responsibility, overtime compensation, leave reporting, P14 appointments, expenditures, fixed assets managements, funds handling, and emergency preparedness.
- 8. Update on the Federal Audit of National Science Foundation Research Funds: The Committee received an update on the status of the ongoing federal audit of National Science Foundation funds. In the spring of 2013 the Office of the Inspector General (OIG) for the National Science Foundation (NSF) announced it would perform "cost incurred performance audits" of eleven institutes of higher education that have received significant funding from NSF. This report provides an update on the status of this audit. The university has received limited feedback from the auditors. Few issues were brought to the university's attention but the university does not have sufficient information to determine the impact of the issues. Based on the current status of their work, final results of this audit are not expected until early in 2014.

Finance Closed Session

Board Members Present: Mr. Jim Chapman, Mr. B.K. Fulton, Ms. Deborah Petrine, Mr. Michael Quillen

VPI & SU Staff: Ms. Kay Heidbreder, Mr. Brian Daniels, Ms. Savita Sharma, Mr. M. Dwight Shelton Jr., Dr. Charles W. Steger

- 1. Motion for Closed Session
- * 2. Ratification of Personnel Changes Report: The Committee met in Closed Session to review and take action on the quarterly personnel changes report.

The Committee recommended the personnel changes report to the full Board for approval.

The Committee also met separately with the President and the Legal Counsel to discuss personnel related matters.

Finance Open Session

Board Members Present: Mr. Jim Chapman, Mr. B. K. Fulton, Ms. Deborah Petrine

VPI & SU Staff: Ms. Beth Armstrong, Mr. Allen Campbell, Mr. Al Cooper, Mr. John Cusimano, Mr. Brian Daniels, Mr. Lefter Daku, Ms. Wanda Dean, Dr. John Dooley, Ms. Deborah Fulton, Ms. Annabelle Fuselier, Ms. Natalie Hart, Mr. Tim Hodge, Ms. Elizabeth Hooper, Dr. Scott Midkiff, Mr. Ken Miller, Ms. Laura Neff-Henderson, Ms. Lisa Royal, Ms. Savita Sharma, Mr. M. Dwight Shelton Jr., Mr. Ken Smith, Mr. Jeb Stewart, Mr. Brad Sumpter

- 1. Opening Remarks and Approval of Minutes of the September 9, 2013 Meeting: The Committee reviewed and approved the minutes of the September 9, 2013 meeting.
- 2. Annual Report on University Support for Student Financial Aid: The Committee received a comprehensive report on the university's scholarship and financial aid program. Financial aid programs are critical to support access and affordability of higher education and to ensure the effective recruitment, retention, and graduation of students. In its Management Agreement with the Commonwealth, the university affirmed its commitment to increase the support for student financial aid and proactively works to ensure access and affordability. Financial Aid is provided to students as scholarships and grants, employment, loans, and payment options. From 2010-2013, the amount of aid awarded grew from \$390.7 million to \$423.2 million. Fifty-four percent of the university's class of 2012 borrowed an average of \$25,579 in student loan debt. National data for 2012 is not yet available; however the data for 2011 shows that 66 percent of class of 2011 borrowed an average of \$26,600 in student loans. The Committee requested that information on the default rates on loans be included in the report for the next presentation of the report.
- 3. Annual Report on Virginia Tech Foundation Endowment Scholarship Funds Utilization and Expenditure Plans: The Committee received an annual report on the Endowment scholarship funds utilization and expenditure plans. In fiscal year 2013, Financial Aid management conducted a thorough review of the policy and procedures related to the administration of privately-funded scholarships. Management implemented action plans to enable full utilization of scholarship funds. These action plans resulted in a significant improvement in scholarship utilization for fiscal year 2012-13. This report displays revised reporting format for both actual and projected spending performance. The report demonstrates the performance of each college in awarding available scholarships against established

budgets for fiscal year 2012-13. The report also provides information regarding the endowed scholarship projected revenue and the spending plan for fiscal year 2013-2014. University plans to make further progress in its goal for full scholarship utilization in the current fiscal year. At the end of September of current fiscal year, the university is at 87 percent utilization rate. The Committee recognized the progress made in the utilization and commended the university's performance.

- 4. Annual Report on University Debt Ratio and Debt Capacity: The Committee received a report on the university's debt ratio and debt capacity. At the conclusion of fiscal year 2012-13, outstanding long-term debt of the university totaled \$528 million with a debt ratio of 3.82 percent. It is projected that the university's debt ratio will reach 4.21 percent in 2013-14 and then remains slightly below 5 percent through 2018-19. Both the Restructured Higher Education Financial and Administrative Operations Act and the university's debt policy require the university to maintain a debt service to operations ratio of not greater than 7 percent. Further, based upon long-standing guidelines by the Finance and Audit Committee, university management internally targets a 5 percent benchmark for planning purposes and subsequent recommendations to the Board. The Committee approved a motion to reaffirm its support for continued maintenance of the 5 percent debt ratio target. The university is in full compliance with the Restructuring Act benchmark, as well as the university's internal benchmark.
- 5. Annual Report on Write-off of Delinquent Accounts: The Committee received a report on delinquent accounts of the university that were written off as of June 30, 2013. The amount of write-offs totaled \$651,228 which represents less than one tenth of one percent of the fiscal year 2012 annual operating revenues, excluding federal appropriations. This current year write-offs are consistent with the amount of the total write-offs in recent years. The university is in full compliance with the accounts receivable management standards established by the state.
- 6. Annual Report on Implementation of Increased Administrative Efficiencies through Expansion of Automated Systems: The Committee received an annual progress report highlighting some of the efficiencies and process improvements that have been achieved since the November 2012 report. The report provides a synopsis of the top achievements from the previous year and highlights the key initiatives planned in the current year. Some of the significant achievements include implementation of the wage timekeeping system, an enhanced 911 response and GPS navigation system, and a number of system initiatives to improve research administration.

- 7. Update on JLARC Study on Higher Education Cost Efficiency: The Committee received an update on the status of ongoing two-year Joint Legislative Audit and Review Commissions' (JLARC) study on higher education cost efficiency. The third report on faculty workload, research, and academic spending is due out on December 9, 2013. The JLARC process provides for review and feedback of the exposure draft of the report by the higher education institutions in the state. The university is currently in the review process of the third report and will provide a report back to the Committee at the next meeting.
- * 8. Approval of Year-to-Date Financial Performance Report (July 1, 2013 September 30, 2013): The Committee reviewed the Year-to-Date Financial Performance Report for July 1, 2013 September 30, 2013. For the first quarter, budget adjustments were made to reflect revisions to projected revenues and expenditures. Tuition and fee revenues are exceeding historical projections due to a slightly higher than anticipated fall enrollment and earlier than expected tuition collections. Other income is also ahead of projections due to higher than anticipated program activity in Continuing Education and increased caseloads within the Veterinary Medicine Teaching Hospital. Federal revenue in the Cooperative Extension and Agricultural Experiment Station division is less than the projected budget due to the timing of receipt of federal drawdowns.

The budget for House 1 of the Phase IV the Oak Lane Community project was increased by \$1.06 million to reflect the addition of private funds to the budget. For the quarter ending September 30, 2013, \$30.6 million had been expended for Educational and General capital projects, and \$6.7 million had been expended for Auxiliary Enterprises capital projects. Total Capital outlay expenditures for the quarter ending September 30, 2012 totaled \$37.3 million.

The Committee recommended the Year-to-Date Financial Performance Report to the full Board for approval.

* 9. Review and Acceptance of Pratt Fund Program and Expenditures Report: The Committee received a report on the Pratt Fund program and expenditures. Pratt bequest expenditures of \$818,576 for Engineering and \$1.18 million for Animal Nutrition were made during 2012-13.

The Pratt Funds for Engineering provided funding for scholarships and fellowships, graduate studies, and international programs. Additionally, the College of Engineering invested Pratt Funds in several research initiatives including: biomedical engineering, microelectronics, and energy and advanced vehicles.

The Pratt Funds for Animal Nutrition provided scholarships, assistantships, and research funding for students. The Funds also supported state-of-the-art scientific equipment purchases and enhancement of research programs.

The Committee recommended the Pratt Fund Program and Expenditures Report to the full Board for approval.

* 10. Approval of VTARC Loan Resolution: The Committee received for approval a loan resolution to support the ongoing research activities of the Virginia Tech Applied Research Corporation (VT-ARC). The university established VT-ARC as a university related corporation to access research opportunities not easily accomplished within the university structure and to leverage the basic and scholarly research performed within the university. Initial capital for VT-ARC operations and for establishing the IT infrastructure was provided by the Virginia Tech Foundation (VTF). VT-ARC has successfully begun obtaining externally funded research grants and contracts. The corporation is still in the latter phases of its start-up activities, is impacted by the slowdown in government contracting, and is in need of additional capital for ongoing operations. The university desires to partner with the VTF to support VT-ARC through the provision of a loan of up to \$2 million to finance the ongoing operations of VT-ARC until they reach a sustainable level of external grants and contracts funding. The funding for the loan will be provided from nongeneral fund sources of the university. The university loan repayment terms and schedule will be consistent with the terms of the VTF line of credit. The loan is being made based on the understanding that VT-ARC will establish and achieve performance milestones, which will be monitored by the VT-ARC board of directors. The Committee requested that the university provide regular updates on the performance of VT-ARC to the committee.

The Committee recommended the VT-ARC loan resolution to the full Board for approval.

* 11. Resolution on Revisions to Athletics Sporting Events Bonus Policy: The Committee received for approval a resolution on revisions to the Athletic Sporting Event Bonus Policy and Procedure Statement. The Virginia Tech Athletic Department's sports programs often become eligible to participate in post-season bowls, tournaments, and other athletic sporting events. Awarding bonuses for tournament, bowl, or other competitions held outside of the regularly scheduled season of play to coaching and administrative staff is an integral part of some employment contracts written for Athletic Department personnel, and is used as a retention mechanism for those who function without an employment contract. This resolution requests authorization of revisions to the Athletics Bonus policy previously approved by the Board in 2009. In Fall 2013, the Athletic department conducted a study of the bonus practices at

certain Atlantic Coast Conference (ACC) and similar institutions. Based on the results of the study, the Athletic department desires to update the current policy to provide a compensation structure that is competitive with other ACC and similar institutions. The funding for the additional bonuses can be accommodated within existing Athletics budget. The Board has delegated the approval of all bonus payments to athletic personnel to the President. In addition, the Board of Visitors ratifies the bonus payments to athletic personnel in the quarterly personnel changes report.

The Committee recommended the revisions to Athletics Sporting Events Bonus policy to the full Board for approval.

Joint Open Session

Board Members Present: Mr. Jim Chapman, Mr. William Fairchild, Mr. B. K. Fulton, Mr. William Holtzman, Ms. Deborah Petrine, Mr. Michael Quillen, Mr. John Rocovich

VPI & SU Staff: Mr. Bob Broyden, Mr. Allen Campbell, Mr. Al Cooper, Mr. John Cusimano, Mr. Brian Daniels, Dr. John Dooley, Dr. Elizabeth Flanagan, Ms. Annabelle Fuselier, Ms. Natalie Hart, Mr. Larry Hincker, Mr. Tim Hodge, Ms. Elizabeth Hooper, Ms. Leigh LaClair, Ms. Heidi McCoy, Mr. David McKee, Dr. Scott Midkiff, Mr. Ken Miller, Ms. Laura Neff-Henderson, Ms. Kim O'Rourke, Ms. Sue Ott Rowlands, Mr. Mark Owczarski, Ms. Lisa Royal, Ms. Savita Sharma, Mr. M. Dwight Shelton Jr., Mr. Jason Soileau, Mr. Bob Spieldenner, Mr. Ken Smith, Dr. Charles Steger, Mr. Jeb Stewart, Mr. Brad Sumpter, Dr. Sherwood Wilson, Mr. Chris Yianilos

* 1. Approval of Resolution on Capital Lease for 601 Prince Street: The College of Architecture and Urban Studies operates a program in Alexandria, Virginia known as the Washington-Alexandria Architecture Center. Currently the Center leases space at 901 Prince Street, Alexandria, Virginia. The landscape program desires to grow enrollments and is constrained by the lack of available and suitable space. The program has worked with the university and the Virginia Tech Foundation to explore alternatives to support program growth in a permanent space. After review and consideration of available options, the most effective solution for the program is the purchase and renovation of the 601 Prince Street location. Under the acquisition plan, the Foundation will hold ownership of the 601 Prince Street property and the university will enter into a long-term lease with the Foundation for use of the property. The university has developed a funding plan that includes resources sufficient to support the lease. This request is for the authorization to enter into a capital lease with the

Foundation for 601 Prince Street at an acquisition cost not to exceed \$2.95 million including purchase, repairs, and code compliance costs.

The Committees recommended the resolution on capital lease for 601 Prince Street to the full Board for approval.

*2. Approval of Resolution on Capital Project for Sitework for the Marching Virginians Practice Facility: In September 2013, the Board of Visitors approved a \$400,000 planning project for the Marching Virginians Practice Facility. Planning work is underway and construction is slated to begin in March 2014 for the main building and pavilion, pending Board of Visitors approval in March 2014. The desired practice field completion date is ahead of the building construction to accommodate use by the opening of the fall semester of 2014. To ensure that the practice field is ready, grading and sitework must begin before March 2014. The university has developed a 100 percent nongeneral fund resource plan to cover the costs. This request is for an \$800,000 sitework authorization to supplement the existing \$400,000 planning authorization for the project.

The Committees recommended the resolution on capital project for Sitework for the Marching Virginians Practice facility to the full Board for approval.

*Requires full Board approval.

There being no further business, the meeting adjourned at 11:25 a.m.

Update to Responses to Open Internal Audit Comments

FINANCE AND AUDIT COMMITTEE

September 30, 2013

As part of the internal audit process, university management participates in the opening and closing conferences and receives copies of all Internal Audit final reports. The audited units are responsible for implementing action plans by the agreed upon implementation dates, and management is responsible for ongoing oversight and monitoring of progress to ensure solutions are implemented without unnecessary delays. Management supports units as necessary when assistance is needed to complete an action plan. As units progress toward completion of an action plan, Internal Audit performs a follow up visit within two weeks after the target implementation date. Internal Audit is responsible for conducting independent follow up testing to verify mitigation of the risks identified in the recommendation and formally close the recommendation. As part of management's oversight and monitoring responsibility, this report is provided to update the Finance and Audit Committee on the status of outstanding recommendations. Management reviews and assesses recommendations with university-wide implications and shares the recommendations with responsible administrative departments for process improvements, additions or clarification of university policy, and inclusion in training programs and campus communications. Management continues to emphasize the prompt completion of action plans.

The report includes outstanding recommendations from Compliance Reviews and Audit Reports. Consistent with the report presented at the September Board meeting, the report of open recommendations includes three attachments. Attachment A summarizes each audit in order of final report date with extended and on-schedule open recommendations. Attachment B details all open high or medium priority recommendations for each audit in order of the original target completion date, and with an explanation for those having revised target dates or revised priority levels. Attachment C charts performance in implementing recommendations on schedule over the last seven years. The 91 percent on-schedule rate for FY2014 reflects closing 10 of 11 recommendations by the original due date.

The report presented at the September 9, 2013 meeting covered Internal Audit reports reviewed and accepted through June 30, 2013 and included twenty open medium and high priority recommendations. Activity for the quarter ended September 30, 2013 resulted in the following:

Open recommendations as of June 30, 2013	20
Add: Medium & High priority recommendations accepted September 9, 2013	18
Subtract: recommendations addressed since June 30, 2013	10
Remaining open recommendations as of September 30, 2013	28

While this report is prepared as of the end of the quarter, management continues to receive updates from Internal Audit regarding auditee progress on action plans. Through October 22, 2013, Internal Audit has closed four of the twenty-eight outstanding medium and high priority recommendations and extended the due date and revised the priority level of another high priority recommendation. The remaining twenty-three open recommendations are progressing as expected and are on track to meet their respective target due dates. Management is working jointly with the units and providing assistance as needed to ensure the action plans are completed timely.

ATTACHMENT A

Open Recommendations by Priority Level

FINANCE AND AUDIT COMMITTEE

				То	tal Recomm	endations								
Report Date	Audit Name	Audit Number	ISSUED	COMPLETED		OPEN								
Report Date	Audit Name	Addit Number			Exte	ended	On-se	chedule	Total					
					High	Medium	High	Medium	Open					
22-Aug-12	Equine Medical Center	12-1061	7	4			2	1	3					
07-Mar-13	IT Disaster Recovery	13-1097	3				2	1	3					
07-Mar-13	University Scholarships and Financial Aid	13-1099	3				3		3					
03-May-13	Athletics Department	13-1100	2	1			1		1					
14-May-13	Records Management Services	13-1118	4	2			2		2					
15-May-13	Graduate Education	13-1091	3	2	1				1					
30-Jul-13	VCE Southwest District	13-1107	3	1			1	1	2					
08-Aug-13	International Affairs	13-1109	3					3	3					
09-Aug-13	Human Resources: Compensation and Performance Management	13-1119	1					1	1					
13-Aug-13	Athletics: NCAA Compliance	13-1124	2	1				1	1					
14-Aug-13	College of Liberal Arts and Human Services	13-1122	4	1				3	3					
14-Aug-13	Outsourced Cloud Services	13-1110	1					1	1					
16-Aug-13	Virginia Tech Transportation Institute	13-1116	3				1	2	3					
16-Aug-13	College of Engineering	13-1079	1					1	1					
	Totals:	•	40	12	1	0	12	15	28					

ATTACHMENT B

Internal Audit Open Recommendations

FINANCE AND AUDIT COMMITTEE

					Pric	ority	Targe	t Date	Follow	
Report Date	Item	Audit Number	Audit Name	Recommendation Name	Original	Revised	Original	Revised	Up Status	Status of Recommendations with Revised Priority / Target Dates
15-May-13	1		Graduate Education	CollegeNET Funds Handling	High	Low	31-Aug-13	30-Nov-13	1	The unit made progress on the revision of funds handling guidelines, use of a mail log, and an enhanced reconciliation process of CollegeNet and Banner data. The implementation of a new system to capture applicant data is in final testing.
14-May-13	2	13-1118	Records Management Services	Records Security	High		1-Oct-13		2	
30-Jul-13	3	13-1107	VCE Southwest District	Conflict of Interest	Medium		1-Oct-13		2	
07-Mar-13	4	13-1099	University Scholarships and Financial Aid	Federal Work Study	High		31-Oct-13		2	
07-Mar-13	5	13-1099	University Scholarships and Financial Aid	Overawards	High		30-Nov-13		2	
03-May-13	6	13-1100	Athletics Department	Vehicle Management	High		1-Dec-13		2	
09-Aug-13	7	13-1119	Human Resources: Compensation and Performance Management	Exempt Employee Overtime Monitoring	Medium		1-Dec-13		2	
14-May-13	8	13-1118	Records Management Services	Records Center Operations	High		15-Dec-13		2	
13-Aug-13	9	13-1124	Athletics: NCAA Compliance	Extra Benefits Awareness	Medium		15-Dec-13		2	
07-Mar-13	10	13-1099	University Scholarships and Financial Aid	General Scholarships	High		31-Dec-13		2	
16-Aug-13	11	13-1116	Virginia Tech Transportation Institute	Safety Training	High		31-Dec-13		2	
16-Aug-13	12	13-1116	Virginia Tech Transportation Institute	Federally Owned Computers	Medium		31-Dec-13		2	
16-Aug-13	13	13-1116	Virginia Tech Transportation Institute	Petty Cash	Medium		31-Dec-13		2	
07-Mar-13	14	13-1097	IT Disaster Recovery	Inadequate Backup and Recovery Procedures	High		2-Jan-14		3	
07-Mar-13	15	13-1097	IT Disaster Recovery	Incomplete Division of Information Technology DRP Documentation	Medium		2-Jan-14		3	

ATTACHMENT B

Internal Audit Open Recommendations

FINANCE AND AUDIT COMMITTEE

					Pric	ority	Targe	t Date	Follow	
Report Date	Item	Audit Number	Audit Name	Recommendation Name	Original	Revised	Original	Revised	Up Status	Status of Recommendations with Revised Priority / Target Dates
16-Aug-13	16	13-1079	College of Engineering	Leave Reporting	Medium		31-Jan-14		3	
14-Aug-13	17	13-1122	College of Liberal Arts and Human Services	Fiscal Responsibility	Medium		1-Feb-14		3	
14-Aug-13	18	13-1122	College of Liberal Arts and Human Services	Expenditures M			1-Feb-14		3	
14-Aug-13	19	13-1122	College of Liberal Arts and Human Services	State Vehicle Management	Medium		1-Feb-14		3	
22-Aug-12	20	12-1061	Equine Medical Center	Perpetual Inventory	High		15-Feb-14		3	
22-Aug-12	21	12-1061	Equine Medical Center	Separate Accounting System			15-Feb-14		3	
22-Aug-12	22	12-1061	Equine Medical Center	Past Due Notifications			15-Feb-14		3	
07-Mar-13	23	13-1097	IT Disaster Recovery	Undefined University Policy and Procedures for Disaster Recovery Planning	High		1-Mar-14		3	
30-Jul-13	24	13-1107	VCE Southwest District	Funds Handling	High		01-Mar-14		3	
14-Aug-13	25	13-1110	Outsourced Cloud Services	Incomplete Planning for Outsourced Cloud Services	Medium		08-Apr-14		3	
08-Aug-13	26	13-1109	International Affairs	Personnel Activity Reports			31-Aug-14		3	
08-Aug-13	27	13-1109	International Affairs	Cost Transfers	Medium		31-Aug-14		3	
08-Aug-13	28	13-1109	International Affairs	Education Abroad	Medium		01-Oct-14		3	

⁽¹⁾ A revised target date and priority level has been established based on Internal Audit's follow up with the unit.

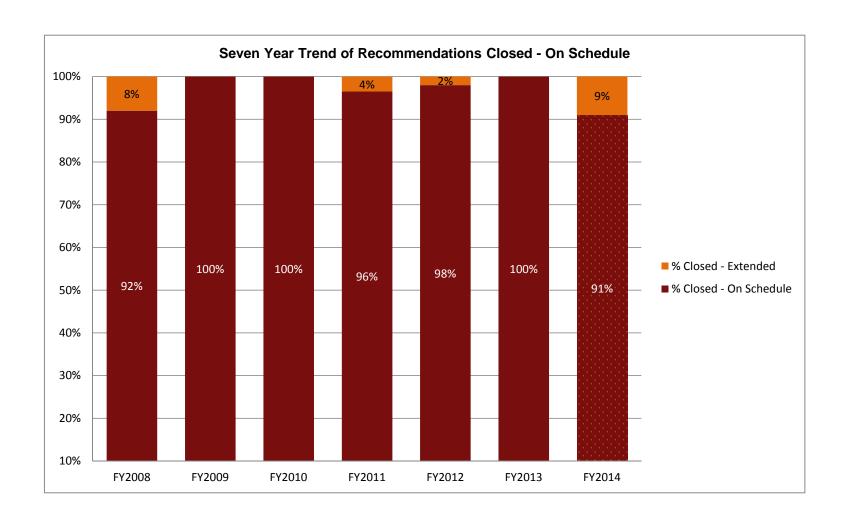
⁽²⁾ As of September 30, 2013, management confirmed during follow up discussions with Internal Audit that actions are occurring and the target date will be met. The Internal Audit department will conduct testing after the due date to confirm that the Management Action Plan is implemented in accordance with the recommendations.

⁽³⁾ Target date is beyond current calendar quarter. Management has follow-up discussions with the auditor to monitor progress, to assist with actions that may be needed to meet target dates, and to assess the feasibility of the target date.

ATTACHMENT C

Management Performance and Trends Regarding Internal Audit Recommendations

FINANCE AND AUDIT COMMITTEE



Internal Audit Status Report

FINANCE AND AUDIT COMMITTEE

October 22, 2013

Audit Plan Update

Audits were performed in accordance with the fiscal year 2013-14 annual audit plan at a level consistent with the resources of the Department of Internal Audit. Five audit projects have been completed since the September board meeting.

The following seven audit projects are underway: Aerospace and Ocean Engineering; Computer Science; IT: PCI Compliance; Alson H. Smith Jr. and Middleburg ARECs; Fleet Services, Parking, and Transportation; College of Agriculture and Life Sciences; and Vice President for Diversity and Inclusion. Additionally, a supplemental review of the Hume Center is being conducted at management request. So far in fiscal year 2013-14, Internal Audit has completed 18 percent of its audit plan as depicted in Exhibit 1.

Exhibit 1
FY 2013-14 Completion of Audit Plan

1 1 2010-14 Completion of Addit I lan							
Audits							
Total # of Audits Planned	26						
Total # of Supplemental Audits	1						
Total # of Carry Forwards	1						
Total # of Planned Audits Canceled and/or Deferred	0						
Total Audits in Plan as Amended	28						
Total Audits Completed	5						
Audits - Percentage Complete	18%						
Note: Includes Compliance Reviews and Advisory Services							

1

Review and Acceptance of Internal Audit Reports Issued

FINANCE AND AUDIT COMMITTEE

October 30, 2013

Background

In concurrence with the fiscal year 2013-14 Internal Audit Plan approved by the Finance and Audit Committee at the September 9, 2013 Board of Visitors meeting, the department has completed four risk-based audits and one compliance review during this reporting period. This report provides a summary of the ratings issued during the period and the rating system definitions. Internal Audit continues to make progress on the annual audit plan.

Ratings Issued This Period

External Data Interfaces and Wire Transfers	Improvements are Recommended
Research: Biosafety	Improvements are Recommended
Student Residency Status	Improvements are Recommended
Housing and Residence Life	Improvements are Recommended
College of Natural Resources and Environment	Significant Improvements are Needed

1

Presentation Date: November 18, 2013

Summary of Audit Ratings

Internal Audit's rating system has four tiers from which to assess the controls designed by management to reduce exposures to risk in the area being audited. The auditor can use professional judgment in constructing the exact wording of the assessment in order to capture varying degrees of deficiency or significance.

Definitions of each assessment option

Effective – The audit identified opportunities for improvement in the internal control structure, but business risks are adequately controlled in most cases.

Improvements are Recommended – The audit identified occasional or isolated business risks that were not adequately or consistently controlled.

Significant or Immediate Improvements are Needed – The audit identified several control weaknesses that have caused, or are likely to cause, material errors, omissions, or irregularities to go undetected. The weaknesses are of such magnitude that senior management should undertake immediate corrective actions to mitigate the associated business risk and possible damages to the organization.

Unreliable – The audit identified numerous significant business risks for which management has not designed or consistently applied controls prior to the audit. Persistent and pervasive control weaknesses have caused or could cause significant errors, omissions, or irregularities to go undetected. The weaknesses are of such magnitude that senior management must undertake immediate corrective actions to bring the situation under control and avoid (additional) damages to the organization.

RECOMMENDATION:

That the internal audit reports reviewed above be accepted by the Finance and Audit Committee.

University Support for Student Financial Aid

FINANCE AND AUDIT COMMITTEE

October 11, 2013

Consistent with prior years, the university is providing the Finance and Audit Committee of the Board of Visitors with an update on the university's Student Financial Aid program. This annual report provides an overview of the types of student financial assistance programs available at the university, sources of funding for programs, and a review of the institutional undergraduate aid programs that can be controlled or influenced by the university.

Funding Environment

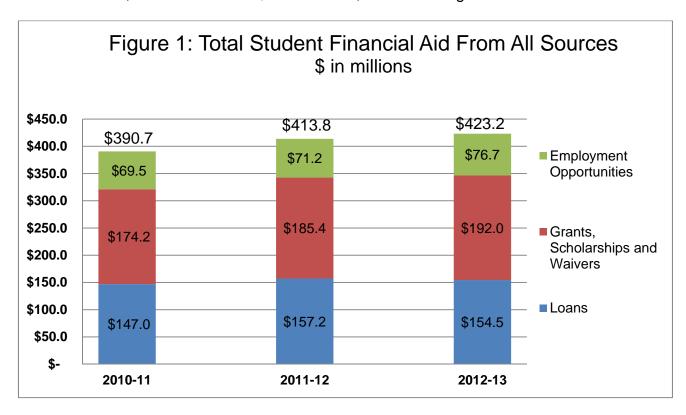
Virginia Tech is experiencing an ongoing shift in the types of resources available to support its instructional programs. These changes include periodic increases in tuition and required fees as driven by a combination of increasing costs, the requirement to maintain the quality and integrity of the instructional programs, enrollment growth to support additional Virginia students, and the inability of the state to maintain its historic level of financial support.

The state-funded share of support per student is impacted by limited General Fund resources, enrollment growth, and inflation; as a result, increases in tuition and fees are increasingly relied upon to support the university's instructional activities. In this environment, the role of student financial assistance of all types has become a more critical element of financial planning in the university's efforts to ensure access and affordability. Financial aid programs are critical to support those goals, as well as promoting the recruitment, retention, and graduation of students. The university's financial aid efforts seek to ensure that qualified students can access a Virginia Tech education and help to promote a diverse and inclusive community in support of the university's goals and objectives.

Historically, the university has strived to manage increases in tuition and fees at a reasonable level to enhance access and affordability; this strategy was predicated on a certain level of state support. However, the funding mix of higher education continues to evolve. As state support reflects, at best, modest growth, the state share of the cost of education continues to decrease while the student share grows. Understanding this shift, the university has proactively focused its efforts to increase support for student financial aid. These efforts are specifically designed to ensure access and affordability and meet the goals of the university as described in its Management Agreement with the Commonwealth. The university continues to proactively work towards these goals.

Types of Student Financial Aid

The university facilitates a multifaceted scholarship and financial aid program that provides assistance to graduate and undergraduate students through grants and scholarships, employment opportunities, loans, and payment strategies. Fund sources for this assistance are varied as are their accompanying eligibility protocols. For the fiscal year ended 2012-13, total aid reached \$423.2 million, as seen in Figure 1 below.



Financial assistance to students is provided in the four main categories of grants and scholarships, employment, loans, and payment options:

1. <u>Grants and Scholarships</u> provide aid based on academic or extracurricular achievement, or financial need, and require no exchange of service. Some of these are need-based, while others are merit-based. No repayment is expected.

Need-based awards are offered to students who demonstrate financial need as determined by federal and institutional standards. Such standards involve the computation of the cost of attendance including estimated books and supplies, transportation, personal expenses, and room and board whether on or off campus, in addition to tuition and required fees. From this total cost of attendance the university subtracts the Expected Family Contribution (standardized through the Free Application for Federal Student Aid, the FAFSA), and any outside aid the student has obtained from sources other than the university to determine the student's financial need.

Merit-based awards are offered to students who demonstrate exceptional aptitude and achievement, both academic and/or extracurricular.

2. <u>Employment</u> includes the student work-study opportunities at the undergraduate level and graduate assistantships at the graduate level.

Federal work-study opportunities - provide a one-time award (currently \$1,500) and a wage employment position. This program is subsidized by the federal government and is supported in part by the university. Work-study participants are employed throughout the university, as well as off-campus through a community service component or through the Literacy Corps, gaining valuable work experience along with financial assistance.

Wage employment opportunities - provide university employment to students based upon individual qualifications subject to departmental needs and resources.

Assistantships - offer tuition remission and a stipend in return for the student's (typically graduate-level) effort through research, service, or teaching. This funding supports both the graduate student and the university's programs.

3. <u>Loans</u> are offered through institutional, federal, and private lenders and provide financial assistance. These loans have repayment requirements. Loans may be subsidized or unsubsidized.

Subsidized loans are generally from the federal government, carry a lower interest rate, and do not accrue interest or require payment during qualifying enrollment and deferment periods.

Unsubsidized loans generally accrue higher, market-based interest rates from the date the loan is disbursed, and may not require repayment during qualifying enrollment and deferment periods.

4. <u>Payment Options</u> include prepaid tuition plans offered by the Commonwealth of Virginia (such as tax sheltered savings plans) and the Budget Tuition Plan operated by the university. The Budget Tuition Plan is an installment payment plan which provides students and families the opportunity to spread the cost of tuition and fees over the course of the semester.

The university is involved in the administration and distribution of each of these types of financial aid. Many programs are administered outside of the university, and students arrive with financial aid arrangements (which are in general termed "outside aid" in this report) that the university facilitates on their behalf. Other programs are developed within the institution.

Sources of Funding for Grants and Scholarships

A diverse array of resources supports grants and scholarships, including federal, state, institutional, and outside aid, as seen below in Table 1.

Table 1: Grants, Scholarships, & Waivers (\$ in millions)

	<u>2010-11</u>	2011-2012	2012-2013
<u>Undergraduate</u>			
Federal	\$ 22.4	\$ 17.5	\$ 17.6
State	13.6	14.1	14.7
Institutional			
Unfunded Scholarships (1)	11.7	12.8	13.4
Internal Resources	1.0	1.1	0.9
Other Undergraduate (2)	3.4	4.5	5.2
Private (Foundation)	<u>17.1</u>	<u>18.3</u>	<u>19.3</u>
Subtotal Institutional	33.2	36.7	38.8
Outside	<u>45.2</u>	<u>50.1</u>	<u>48.5</u>
Subtotal Undergraduate	114.4	118.4	119.6
<u>Graduate</u>			
Federal	0.1	0.1	0.1
State	4.2	4.2	4.2
Institutional			
Graduate Tuition Remission	46.3	51.5	57.0
Other Graduate (3)	2.2	2.4	2.7
Private (Foundation)	<u>2.2</u>	<u>2.3</u>	<u>2.7</u>
Subtotal Institutional	50.7	56.2	62.4
Outside	<u>4.8</u>	<u>6.5</u>	<u>5.7</u>
Subtotal Graduate	59.8	67.0	72.4
	<u>\$174.2</u>	<u>\$185.4</u>	<u>\$192.0</u>

⁽¹⁾ Undergraduate unfunded scholarships are currently measured in the University Scorecard performance metric for Student Financial Aid.

<u>Federal Support</u> comes from the federal government and is provided through Pell Grants and Federal Supplemental Equal Opportunity Grant (FSEOG) support. These programs are administered by, and flow to the student through, the university. The appropriations for these programs are often congressionally approved and, in the case of Pell Grants, follow the student to their university.

<u>State Support</u> is provided by the Commonwealth from the state General Fund in several ways. The bulk of the Commonwealth's appropriation is directed to the university in support of undergraduate need-based scholarships. Funding is also appropriated to support graduate student assistantships. Additionally, the Commonwealth directs a small

⁽²⁾ Other Undergraduate includes external grants and contracts, waivers codified in the Code of Virginia, and educational benefits for employees.

⁽³⁾ Other Graduate includes waivers codified in the Code of Virginia and educational benefits for employees and internal resources used to support graduate students.

portion of funding to the university to fund students in the Soil Sciences and students participating in the Multicultural Academic Opportunities Program (MAOP). Other state funding may flow to the university on behalf of students, such as the College Scholarship Assistance Program, and are not under the university's control.

<u>Institutional Support</u> is the area of financial aid that the university can impact directly, providing financial assistance in the form of scholarships and grants at the undergraduate level and assistantships at the graduate level. Institutional support comes through five main categories: unfunded scholarships, internal resources, codified waivers, graduate tuition remission, and private funding. In 2012-13, institutional support provided \$38.8 million to 9,727 undergraduate students, an average of \$3,990 per student.

Unfunded Scholarships: Section §23-31 of the Code of Virginia authorizes institutions of higher education to create need-based scholarships through the remission of tuition and fees up to certain limits at both the student and institutional level. These programs are supported by the tuition budget and are reflected in the net tuition revenue collected by the university. In 2013-14, the unfunded scholarships at the university will provide \$13.6 million in undergraduate financial aid and \$15.6 million in graduate assistantship support.

Internal Resources: Some institutional support is available from specific resources. Such resources are normally from an externally sponsored grant or contract – this is a key source of graduate tuition remission. Given the public nature of much of the university's resources, the university is limited in its ability to generate resources for flexible scholarship support. Examples of this type of support are revenue from Virginia Tech license plate sales and net revenues from licensing and trademark activities.

Codified Waivers: While the university is generally unable to waive student charges, codified waivers are specific programs that are enacted in the Code of Virginia that authorize the waiver of charges to support specific groups targeted by the Commonwealth. These groups include:

- dependents and spouses of military personnel such as members of the United States Armed Forces or Virginia National Guard who were killed or severely disabled in action,
- surviving spouses and children of Virginia public safety personnel such as law-enforcement officers, campus police officers, and firefighters killed in the line of duty,
- senior citizens with income less than \$15,000 per year, as long as tuition paying students are not displaced.

Since the costs of these programs are managed by the institution, these programs are considered institutional support. The university also supports graduate students on assistantship through the waiver of the nonresident differential (the difference in the tuition rate between resident and nonresident

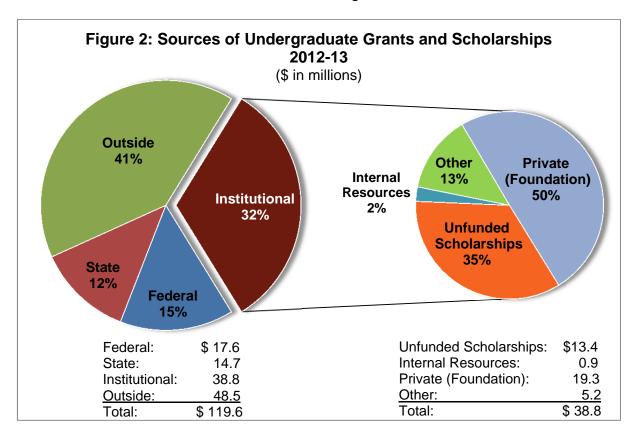
graduate students) as authorized by the Appropriation Act for significantly employed graduate students.

Graduate Tuition Remission: The most common source of support for graduate students is the graduate assistantship. An assistantship is comprised of a stipend, health insurance, and graduate tuition remission. Assistantships support teaching, research, or other service within the university. The university funds a portion of the graduate tuition remission program, as do grants and contracts tied to specific externally sponsored activities, primarily research.

Private Funding: Additional support is available through the Virginia Tech Foundation. Private funds come through philanthropy in annual fund or endowment. Annual support is available to be utilized on a one-time basis. Endowments are held to create ongoing stream of earning for a perpetual benefit.

<u>Outside Aid</u> is aid which normally comes with a student from private external parties. This could include private organizations, nonprofit organizations, businesses, governmental entities, international organizations, and other special-interest groups. The university does not control this fund source but works to facilitate and coordinate the delivery of such support. Often these awards are tied to academic progress eligibility which the university may monitor on behalf of the awarding entity.

Of the sources of undergraduate scholarships and grants, approximately one-third are derived from institutional sources, as seen in Figure 2 below.



Uses of Funds

The university has leveraged these sources of funds to advance access and affordability and has also created several innovative, very successful programs. Two major undergraduate Grant and Scholarship programs are:

<u>Funds for the Future</u> –This is the university's largest undergraduate financial aid program, designed to assist returning students with financial need by mitigating all or a portion of increases in tuition and required fees based on level of family income. This program is specifically designed to provide support to both low and middle-income undergraduates. Depending upon the adjusted gross income of the student's family, the student can be fully protected from tuition and required fee increases in each year the student returns to the university. Table 2 displays the income categories and resulting percentage of tuition and required fee increases that the student will be protected against. The program is available to both resident and nonresident undergraduate students. Table 3 shows the number of resident and nonresident students receiving this aid.

Table 2: Funds for the Future Protection Levels

Family Income (AGI)	Undergraduate Tuition & Fee Increase Protection*
\$0 - \$29,999	100%
\$30,000 - \$49,999	75%
\$50,000 - \$74,999	30%
\$75,000 - \$99,999	20%

^{*} Increase protection is same for in-state and out-of state students

Table 3: Funds for the Future Award Recipients

Family Income (AGI)	Number of Virginia Undergraduates Receiving Award	Number of Nonresident Undergraduates Receiving Award
\$0 - \$29,999	1,189	277
\$30,000 - \$49,999	660	154
\$50,000 - \$74,999	854	196
\$75,000 - \$99,999	758	249
Total	3,461	876

<u>VT Grant</u> – In addition to protecting students with financial need from tuition and required fee increases, the university has also been methodically working to expand its total aid program, with the goal of reducing unmet need. Additional funds have been allocated to this program annually with the goal of reducing unmet need at a measured pace over time.

Other programs that have been designed to offset the costs of college, achieve enrollment goals, and recognize academically talented students include:

- the Presidential Scholarship Initiative to assist low-income and first-generation Virginia students with significant financial need,
- the VT Scholars award to recruit academically talented students and advance university first generation enrollment goals,
- the Emerging Leaders Scholarship for participants in the Corps of Cadets,
- the Presidential Campus Enrichment Grants and Alumni Presidential Scholar Program that serve both students with need and students who demonstrate merit to achieve university enrollment goals,
- the university match of the federal Yellow Ribbon program for military veterans and dependents, and
- scholarships to defray a portion of a student's costs to study at the Center for European Studies and support to help offset the higher costs of study abroad programs.

These programs help address the commitment to access and affordability that the university undertook as part of the Restructured Higher Education Financial and Administrative Operations Act initiative. Further, these programs have been well received by students, families, and the Commonwealth and help advance strategic goals.

Trends in Student Indebtedness

The university continues to monitor students' borrowing behavior. The table below displays the average borrower debt of the graduation class at Virginia Tech and nationally for the past 3 years, as well as the percentage of each class who carried student loan debt upon graduation. National data for the graduating class of 2012 is not yet available.

Clas	ss of:	2009	2010	2011	2012
VT	\$	\$ 22,070	\$ 23,100	\$ 24,320	\$ 25,579
VI	%	52%	52%	52%	54%
National	\$	\$ 24,000	\$ 25,250	\$ 26,600	Not Yet
Average	%	65%	66%	66%	Available

Though the use of student loans remains a personal decision, the university provides students and parents with information and counseling to understand the benefits and responsibilities of student loan resources.

Current Events

The university will continue to work to assist students and families with managing the cost of education in the future. For 2012-13, 10,601 full-time Virginia Tech undergraduate students (45 percent of the university's undergraduate population) were determined to

have financial need. For 2013-14, the university worked to moderate tuition increases while increasing the allocation of unfunded scholarship support for undergraduates. This plan ties into the university's commitment in its Management Agreement to increase support need-based student financial aid to help ensure access and affordability.

The university has increased its unfunded scholarships commitment each year since expanding the program in 2001-02. Increased General Fund support in 2013-14 and a more modest increase in tuition resulted in a smaller increase in university support for financial aid than in the past. Competing demands, unavoidable costs, and constrained resources will challenge future growth of institutionally supported student financial aid.

While the university has been leveraging the unfunded scholarship authority to expand need-based aid, the use of unfunded scholarships has legal and practical limits. As a result, it will be important for the university to work to expand funding from other sources, primarily by increasing private fund raising.

Student financial aid practices vary across the Commonwealth's public institutions. Over the summer of 2013, SCHEV convened a working group to review the utilization of tuition revenue for financial aid, including the use of unfunded scholarships, with a goal of increasing the transparency and standardization of financial aid methodologies across the Commonwealth. The result of this workgroup is a series of technical changes to the Code of Virginia and the Appropriation Act with regard to the utilization and reporting of unfunded scholarships. Virginia Tech's current institutional practices are compliant with these recommended clarifications to the state policy. The university will continue to monitor the legislative process to determine the final impact of any approved changes to these policies to the current university process.

The university employs a wide variety of programs and fund sources to support student access to higher education in concert with the commonwealth. Moving forward, access and affordability will continue to be an important objective.

Virginia Tech Foundation Endowment Scholarship Funds Utilization and Expenditure Plans

FINANCE AND AUDIT COMMITTEE

October 10, 2013

Background

University Development supports the vision of Virginia Tech by generating private resources for scholarships and awards for students. These privately-funded scholarships and resources are received, managed, and disbursed by the Virginia Tech Foundation. University colleges and departments are responsible for awarding and administering the scholarships to eligible students based upon donor intent. Beginning with the March 2006 Board meeting, the Finance and Audit Committee received an annual report on the Virginia Tech Foundation Endowment Scholarship Funds Expenditure Plans. The report was presented in response to the Board's request to provide information regarding the utilization of scholarship funds and the establishment of a proper level of reserve for colleges and departments.

In fiscal year 2013, Enrollment and Degree Management conducted a thorough review of the policy and procedures related to the administration of privately-funded scholarships. The objective of the review was to identify the causes of underutilization of scholarship funds and to develop and implement an action plan to achieve full utilization of the scholarship funds for the benefit of the students. As a result of the review, Enrollment and Degree Management, with support from the university senior management implemented the following actions:

- > updated the policy for administration of privately-funded scholarships
- developed detailed procedures to implement the policy
- > implemented a scholarship administration subsystem to improve the management of scholarships from colleges and departments and to provide timely information to students
- > provided extensive guidance to the colleges and departments to enable full utilization of available scholarships and awards
- > standardized reporting definitions and formats for scholarship funds utilization and scholarship funds expenditure plans from colleges and departments

These improvements have and will assist the university in reaching the ultimate goal of leveraging financial resources to meet Virginia Tech's enrollment, diversity, and affordability goals.

Report

Due to the changes implemented in fiscal year 2013, the title and format for this year's report has been updated in order to provide relevant information related to the scholarship utilization for fiscal year 2012-13 and the scholarship expenditure plans for the upcoming year. Attachment A displays the Endowed Scholarship Utilization for fiscal year 2012-13. The report demonstrates the performance of each college in awarding available scholarships against established budgets. As shown on the schedule, university policy allows colleges to establish a "building reserve" from the total resources available to the college. The reserve allows the units

1

to plan for scholarship commitments and needs beyond the current fiscal year. The total available resources are also reduced by the "hard to award" scholarships. The hard to award scholarships are funds where a donor agreement provides awarding criteria that are vague, restrictive, or do not provide adequate clarification. As identified in the 2012-13 review, management identified appropriate controls to monitor the reserve amounts as well as the hard to award scholarships to ensure that the scholarship amounts are fully utilized while balancing the needs for the units. As such, units are now required to provide appropriate justification for the requested reserve amount and review with Enrollment and Degree Management and University Development identified scholarships categorized as hard to award during the spending plan process and approval. The Vice-Provost for Enrollment and Degree Management reviews and approves the spending plan annually.

Attachment B provides information on the Endowed Scholarship Spending plan for fiscal year 2013-14. Colleges, Office of University Scholarships and Financial Aid, and other senior management areas managing privately-funded scholarships are required to develop a spending plan for the upcoming fiscal year that specifies how the departmental scholarship monies will be spent to achieve university enrollment goals and enhance student access to a Virginia Tech education. Another component of the spending plan is the aforementioned "hard to award" scholarships. The revised policy requires awarding units to proactively identify such scholarship funds and gives guidance on the appropriate handling of such funds. The Office of Enrollment and Degree Management reviews the justification provided by the units for the hard to award scholarships and coordinates with the units, Virginia Tech Foundation (Foundation), and University Development to identify and implement actions that can be taken to minimize such scholarships. University policy recommends working with University Development and Foundation to propose a change of criteria for an award or purpose of a fund agreement. Such changes have to be approved by the donor or the donor's representative.

Despite fiscal year 2012-13 being the transition year for implementation of the revised policies and procedures, the university has made significant improvements in its scholarship utilization. The university fully expects to make further progress in its goal for full utilization of scholarship funds during the current year.

VIRGINIA TECH Endowed Scholarship Activities Year ended June 30, 2013

	Ava	ilable Resourc	es		Scholarship	Awards and C		Ending Cash Balance					
College or Operating Unit	Beginning Cash Balance	Actual Cash Earnings (1)	Total Resources Available	Building Reserve	Hard to Award ⁽³⁾	Scholarship Budget ⁽²⁾	Actual Awards	Returned Funds ⁽⁴⁾	Remaining Balance	Adjustments To Balance ⁽⁵⁾	Ending Cash Balance		
	(a)	(b)	(c = a + b)	(d)	(e)	(f = c - d-e)	(g)	(h)	i = (c - g - h)	(j)	k= (i + j)		
College of Agriculture & Life Sciences	488,667	756,597	1,245,264	37,455	118,546	1,089,263	843,342	12,450	389,472	(30,258)	359,214		
College of Architecture & Urban Studies	108,962	192,520	301,482	31,774	29,013	240,695	207,120	11,714	82,648	8,621	91,269		
College of Business	609,044	1,281,181	1,890,225	80,221	112,418	1,697,586	1,500,757	313	389,155	30,003	419,158		
College of Engineering	773,301	2,296,334	3,069,634	559,148	4,467	2,506,019	2,343,579	163,330	562,726	11,079	573,805		
College of Liberal Arts and Human Science	185,309	322,278	507,587	-	30,290	477,297	353,813	1,926	151,848	17,607	169,455		
College of Science	21,463	322,262	343,725	5,731	1	337,994	330,241	7,753	5,731	9,909	15,640		
College of Veterinary Medicine	583,537	559,415	1,142,952	130,131	129,488	883,333	883,333		259,619	1,611	261,230		
College of Natural Resources and Environment	32,587	170,925	203,512		-	203,512	175,453	2,226	25,833	970	26,803		
USFA ⁽⁶⁾	616,356	2,066,325	2,682,681	136,714	24,092	2,521,875	2,422,295	76,844	183,542	(6,512)	177,030		
Grand Total	3.419.225	7.967.836	11.387.061	981.174	448.314	9.957.573	9.059.933	276.556	2.050.572	43.032	2.093.604		

- (1) The actual cash earnings include the annual payout plus any adjustment recorded to fund income after the start of the fiscal year.
- (2) The scholarship budget is defined as the total resources available minus funds set aside to build reserve and hard to award scholarships.
- (3) Hard to Award scholarships are funds where the donor agreements provide awarding criteria that are vague, restrictive, and do not provide adequate clarification for awarding. University policy, "Administration of Privately-funded Scholarships and Other Awards" provides guidance on handling of such funds.
- (4) The returned funds include endowed income not awarded and returned to the endowed fund principal per fund agreement. The departments must make every effort to award all income payout per donor intent in the agreement before considering returning funds to the endowment.
- (5) The remaining balance is adjusted for a number of transactions to reconcile to the Ending Cash Balance per the Foundation report. Such adjustments are made for awards processed in summer FY2013 that will be billed to VT Foundation in FY2014, scholarships awarded in previous terms that were canceled subsequently, and reclassification of scholarship funds i.e scholarship funds that were reclassified by the Foundation as non-scholarship funds based on donor intent.
- (6) USFA funds do not include Brookings loans. Brookings loans is an endowed scholarship where the money awarded to students must be repaid to comply with the Fund agreement.

Source: Office of Enrollment and Degree Management

VIRGINIA TECH Endowed Scholarship Spending Plan: Fiscal Year 2013-14

			Year Er	nded June 30, 2	2014						
	Total Av	/ailable Resou	rces	Spending Plan							
College or Operating Unit	Beginning Cash Balance	Projected Cash Earnings	Cash Resources		Hard to Award ⁽²⁾	Scholarship Budget ⁽³⁾	Projected Ending Cash Balance ⁽⁴⁾				
	(a)	(b)	(c = a + b)	(d)	(e)	(f = c - d - e)	(g = c - f)				
College of Agriculture & Life Sciences	359,214	742,519	1,101,733	23,381	209,431	868,921	232,812				
College of Architecture & Urban Studies	91,269	177,246	268,515	40,691	1,374	226,450	42,065				
College of Business	419,158	1,212,090	1,631,248	84,397	81,520	1,465,331	165,917				
College of Engineering	573,805	2,265,715	2,839,520	4,267	221,903	2,613,350	226,170				
College of Liberal Arts and Human Sciences	169,455	320,355	489,810	26,108	36,561	427,141	62,669				
College of Science	15,640	318,229	333,869	7,809	7,084	318,976	14,893				
College of Veterinary Medicine	261,230	548,982	810,212	52,657	52,985	704,570	105,642				
College of Natural Resources and Environme	26,803	165,871	192,674	4,828	2,182	185,664	7,010				
USFA ⁽⁵⁾	177,030	2,025,885	2,202,915	3,261	85,392	2,114,262	88,653				
Grand Total	2,093,604	7,776,892	9,870,496	247,399	698,432	8,924,665	945,831				

- (1) Departments are allowed to set aside up to 5% of the total resources available to build reserve for future use or to address emergency situations.
- (2) Hard to Award scholarships are funds where the donor agreements provide awarding criteria that are vague, restrictive, and do not provide adequate clarification for awarding. University policy, "Administration of Privately-funded Scholarships and Other Awards" provides guidance on handling of such funds.
- (3) The scholarship budget is defined as the total resources available minus funds set aside to build reserve and the hard to award scholarships.
- (4) The projected ending cash balance includes \$247,399 building reserve funds and \$698,432 from hard to award scholarship funds that cannot be awarded due to unrealistic and/or overly restrictive selection criteria.
- (5)
 USFA funds do not include Brookings loans. Brookings loans are endowed scholarships where the money awarded to students must be repaid to comply with Fund agreement.

Source: Office of Enrollment and Degree Management

University Debt Ratio and Debt Capacity

FINANCE AND AUDIT COMMITTEE

October 14, 2013

The university's debt policy approved by the Board of Visitors requires periodic review of its debt ratio and debt capacity. As a part of that process, the university's debt ratio and debt capacity are reported annually to the Finance and Audit Committee. The management of debt at the university is critical to the success of its capital program. An established committee including representatives from Investments and Debt Management, the Controller's Office, Capital Assets and Financial Management, and the Budget Office meets regularly to review debt activities and the timing of debt issuances to ensure compliance with the debt policy. The Vice President for Finance and Chief Financial Officer provides oversight of these activities.

Both the university's debt policy and the Restructured Higher Education Financial and Administrative Operations Act require that the university maintain a debt service to operations ratio of not greater than seven percent. In addition to those seven percent limitations, and based on guidelines provided by the Board of Visitors, management internally targets a five percent benchmark for planning purposes and subsequent recommendations to the Board. At the conclusion of fiscal year 2012-13, outstanding long-term debt of the university totaled \$528 million with a debt ratio of 3.82 percent.

Attachment A provides an estimate of future capacity and debt ratios each year through fiscal year 2018-19. The analysis includes authorized projects currently underway, select items on the first biennium of the university's six-year capital outlay plan with a high probability of issuance, and capital leases and equivalents. During this period, it is anticipated that the university's debt ratio will not exceed five percent. Attachment B shows a list of specific projects, amounts, and timing for debt issuances for each year of the analysis through fiscal year 2018-19.

Attachment C shows a trend of the university's debt ratio from fiscal year 2002 to 2013 with projections through fiscal year 2019. The available capacity between the projection and a five percent debt ratio limit is sufficient to support debt for the nongeneral fund components of academic projects on the first biennium of the capital plan when the state is prepared to fund the General Fund component of a project.

Attachment D shows a benchmark comparison of fiscal year 2012 debt ratios from Moody's for Virginia Tech and 13 other institutions.

As part of the university's capital outlay planning and debt management program, the university will continue to develop capital outlay plans that advance projects within the debt policy and restructuring initiatives, and will carefully review each project in accordance with our debt capacity before submitting project authorizations for debt to the Board.

University Debt Ratio and Debt Capacity Based on Expected Debt Issuance FINANCE AND AUDIT COMMITTEE October 14, 2013

(Dollars in Thousands)

	Actual	Estimated											
Fiscal Year	2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19
Total Long-Term Debt Outstanding, Beginning of Fiscal Year	\$ 500,904	\$	528,336	\$	508,607	\$	543,317	\$	534,026	\$	555,880	\$	533,868
Net New Long-Term Debt Issuance	53,749		8,250		64,422		25,316		54,177		10,000		10,000
Bond Premium	4,310												
Current Year Refunding Bonds	44,000												
Current Year Refunded / Defeased Bonds	(46,630)												
Net Long-Term Debt Repayment	(27,997)		(27,979)		(29,711)		(34,607)		(32,323)		(32,012)		(33,513)
Total Long-Term Debt Outstanding, End of Fiscal Year	\$ 528,336 ⁽¹⁾	\$	508,607	\$	543,317	\$	534,026	\$	555,880	\$	533,868	\$	510,355

Total Debt Service Total Operating Expenditures	\$ 44,110 ⁽¹⁾ 1,155,522 ⁽¹⁾	\$ 51,097 1,213,298	\$ 55,154 1,255,764	\$ 1	56,725 ,299,715	\$ 53,957 1,345,205	\$ 54,894 1,392,287	\$ 56,778 1,441,018
Debt Ratio	3.82%	4.21%	4.39%		4.36%	4.01%	3.94%	3.94%
5% of Operating Expenditures	\$ 57,776	\$ 60,665	\$ 62,788	\$	64,986	\$ 67,260	\$ 69,614	\$ 72,051
Additional Allowable Debt Service	13,666	9,568	7,634		8,260	13,303	14,721	15,273
Additional Debt Capacity (at 5%)	\$203,317	\$125,539	\$97,188	•	\$102,076	\$160,303	\$174,469	\$178,794
7% of Operating Expenditures	\$ 80,887	\$ 84,931	\$ 87,903	\$	90,980	\$ 94,164	\$ 97,460	\$ 100,871
Additional Allowable Debt Service	36,777	33,834	32,749		34,255	40,207	42,567	44,094
Additional Debt Capacity (at 7%)	\$547,142	\$443,943	\$416,922	•	\$423,293	\$484,501	\$504,493	\$516,176

Assumptions:

Notes:

^{*} Total Operating Expenditures for FY14 through FY19 are estimated based on the following growth rate: 5.0% for FY14 and 3.5% thereafter.

 $^{^{\}star}$ Cost of Capital includes 4.40% for FY14; 4.75% for FY15; 5.10% for FY16; 5.40% for FY17; 5.60% for FY18; and 5.75% for FY19.

^{*} Cost of Capital assumed for all planned new Master Equipment Leasing Program (MELP) issuances is 3%, with 3-7 year fixed rate level amortization.

⁽¹⁾ Estimated/Forecasted.

Projection Of Issuances For Debt Supported Capital Projects

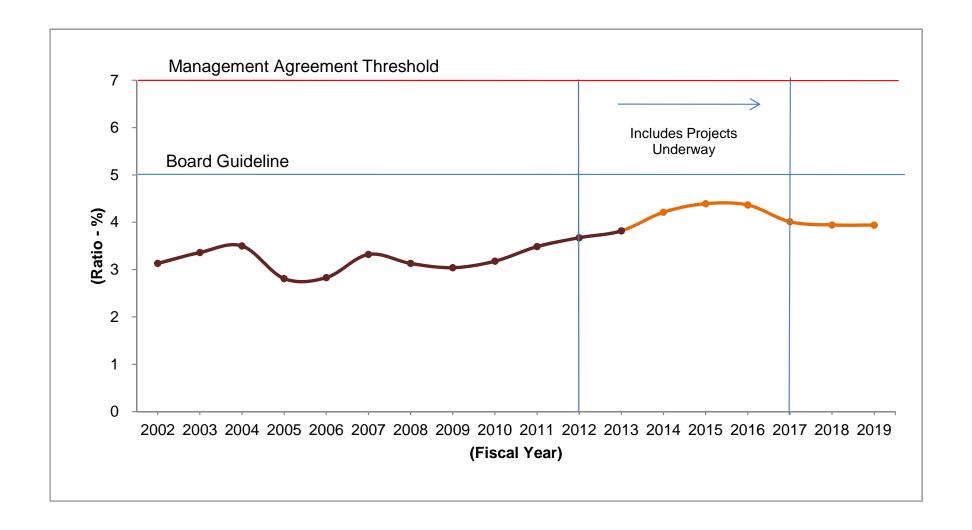
FINANCE AND AUDIT COMMITTEE

As of October 14, 2013 (Dollars in Thousands)

	Actual	Projections						Total
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Projected
Projects Authorized and Underway								
Veterinary Medicine Addition	\$ 9,820							9,820
Unified Communications & Network Renewal			\$ 12,000					12,000
Upper Quad Residential Facilities			27,822		\$ 34,177			61,999
Potential Projects with Debt Components								
Health Center Improvements			2,500					2,500
South Rec. Fields Replacement			4,600					4,600
Chiller Plant, Phase II				\$ 5,316				5,316
Asset Repairs				20,000	20,000	\$ 10,000	\$ 10,000	60,000
Capital Leases and Equivalents								
Turner Street	43,929							43,929
VTTI Phase III	,	5,300						5,300
601 Prince Street Acquisition		2,950						2,950
Propulsion Laboratory			3,500					3,500
Dairy Center Relocation			14,000					14,000
Master Equipment Lease Program								0
Total New Planned Debt	\$ 53,749	\$ 8,250	\$ 64,422	\$ 25,316	\$ 54,177	\$ 10,000	\$ 10,000	\$ 225,914
Capacity to Advance Upcoming Capital Plan Items (5%)	\$203,317	\$125,539	\$97,188	\$102,076	\$160,303	\$174,469	\$178,794	
Capacity to Advance Upcoming Capital Plan Items (7%)	\$547,142	\$443,943	\$416,922	\$423,293	\$484,501	\$504,493	\$516,176	

FINANCE AND AUDIT COMMITTEE

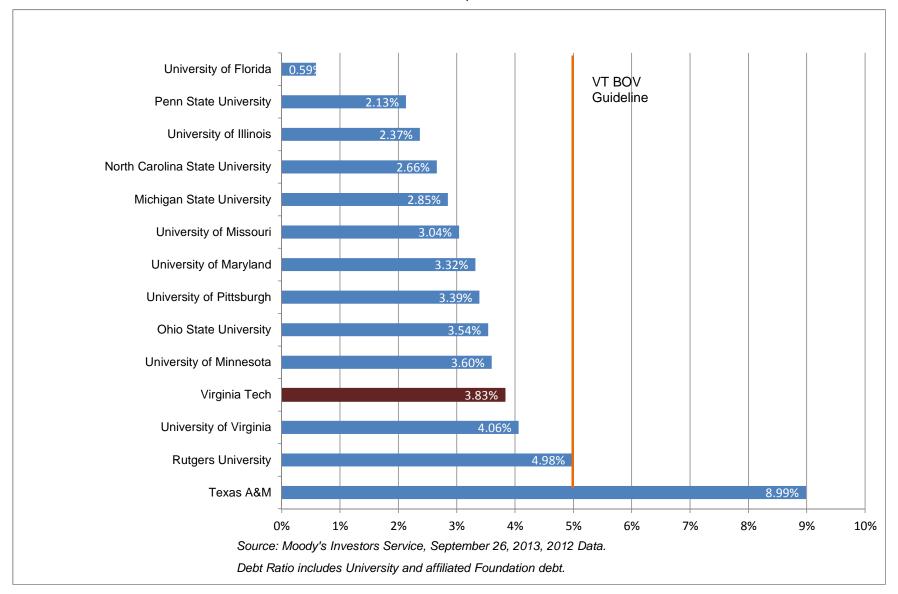
October 14, 2013



Debt Ratio Benchmarking

FINANCE AND AUDIT COMMITTEE

October 14, 2013



Accounts Receivable and the Write-off of Delinquent Accounts For the Fiscal Year Ended June 30, 2013

FINANCE AND AUDIT COMMITTEE

September 25, 2013

Overview

Current accounts receivable are generated by several components within the university as part of the annual operating activities. Student accounts receivable and the receivables generated through the sponsored research program represent the largest components of the total receivables. Current and noncurrent notes receivable are generally comprised of student loan receivables administered by the university. To properly account for and control these assets, the university uses a combination of centralized and decentralized systems.

The Bursar's Office is responsible for the centralized accounts receivable system operation and monitoring the activities of the decentralized operations through reviews of reports and discussions with personnel who have been delegated the responsibility for billing and collecting accounts. The Bursar's Office is also responsible for managing the collection process for all delinquent accounts. Information from the receivable systems is consolidated quarterly by the Controller's Office and reported to senior management and the State Comptroller. The quarterly report uses a combination of narratives, tables, and graphs to report receivables, analyze trends, and identify areas where emphasis or action is needed. The Controller's Office is responsible for the implementation of corrective action to ensure that the receivables are properly managed.

Composition and Aging of the Receivables

Accounts receivable: Attachment A provides the composition of the current gross receivables at June 30, 2013, with comparative data for the previous year. Attachment B provides a graph for the aging analysis of the gross receivables at June 30, 2013, with comparative data for the previous three years. The total current receivables write-offs for these four years are also overlaid on this graph as another way to put them in perspective.

Notes receivable: Federal and institutional (issued by Virginia Tech from gifts and donated funds designated to be used for loans) loans to students require the execution of a promissory note. These loan receivables are repaid over 10 or more years after a student's last enrollment at the university and the amount due in the next 12 months is classified as a current notes receivable for the university's financial statements. Attachment F provides the composition of the total gross federal and institutional student loan receivables at June 30, 2013, with comparative data for the previous year.

Collection Efforts and Write-offs

Because of the nature of the receivables and the university's aggressive policy for collecting delinquent accounts, the annual write-off of uncollectible accounts is relatively small. The average annual write-off for accounts receivable for the past three years is \$628,717. The fiscal year 2013 write-off total of \$651,228 represents only 0.08 percent (less than one tenth of one percent) of the annual operating revenues¹ per the audited financial statements for fiscal year 2012, excluding federal appropriations.

Various techniques are used for collecting delinquent accounts receivables depending on the customer and type of account. For example, students must pay past due amounts before they are allowed to enroll for the next school term. Other delinquent accounts are placed with commercial collection agencies and the State Attorney General's Office for collection. The State Comptroller provides guidance on collection policies and procedures, and the university generally complies with the State Comptroller's recommendations, except where improved practices have been implemented under Restructuring.

Accounts Written Off at June 30, 2013

As authorized by a resolution passed by the Board of Visitors on August 13, 1976, the Vice President for Finance and Chief Financial Officer and the Assistant Vice President for Finance and University Controller periodically review the university's accounts and notes receivable. The review is performed to determine those delinquent accounts that are deemed to be uncollectible. Subsequently, the accounts are written off the university's records in accordance with generally accepted accounting practices. However, such accounts are not discharged or forgiven, and the university continues to track these accounts and sometimes collects portions of these accounts after being written off.

Normally, accounts are written off at the close of the fiscal year. For the fiscal year ended June 30, 2013, the accounts receivable written off totaled \$651,228. The decrease of \$118,535 over prior years is primarily the result of a normal 12 month cycle compared to last year's accelerated write-off of three additional months of uncollected accounts returned from private collection agencies totaling \$144,500. See Attachment C for a summary of the accounts written off at June 30, 2013, with comparative data for the two previous fiscal years.

For each accounts receivable written off, appropriate collection procedures were utilized. Further collection efforts were not justified for various reasons such as bankruptcies, the inability to locate the debtor, and the cost versus the benefit for small receivable amounts. As shown in Attachment D, the \$651,228 write-off total consists of 978 customers with an average account value of \$666. In fact, as shown on Attachment E, of the total number of accounts written off, 53.7 percent (525) were

¹ Operating revenue for FY12 of \$817,323,000 was used for this calculation.

valued at less than \$100, and these low dollar accounts represent only 3.5 percent of the total dollar value of the write-offs.

Additionally, the total of notes receivable written off at the close of the fiscal year included \$3,293 of the institutional student loan portfolio. Institutional student loans are subject to the same collection techniques as other university receivables. For each loan written off, appropriate collection procedures were utilized. The notes receivable write-off consists of two loans, past due at least 400 days, with an average loan balance of \$1,647. Attachment F provides the composition of notes receivable at year end. The institutional student loans are most often awarded to students with financial need who have exhausted other avenues of financial aid. Since these are long-term loan programs, issued to borrowers with limited resources, generally we have allowed more time before writing these amounts off.

Federal notes receivable are issued from funds received from the federal Department of Education over many previous years for the Perkins and Health Professional Student Loan programs, and from required matching contributions from the university. Again the same collection procedures are followed for these loans. When these loans are deemed to be uncollectible Federal regulations require that these items be assigned and returned to the Department of Education for additional collection efforts and final resolution.

State Management Standards

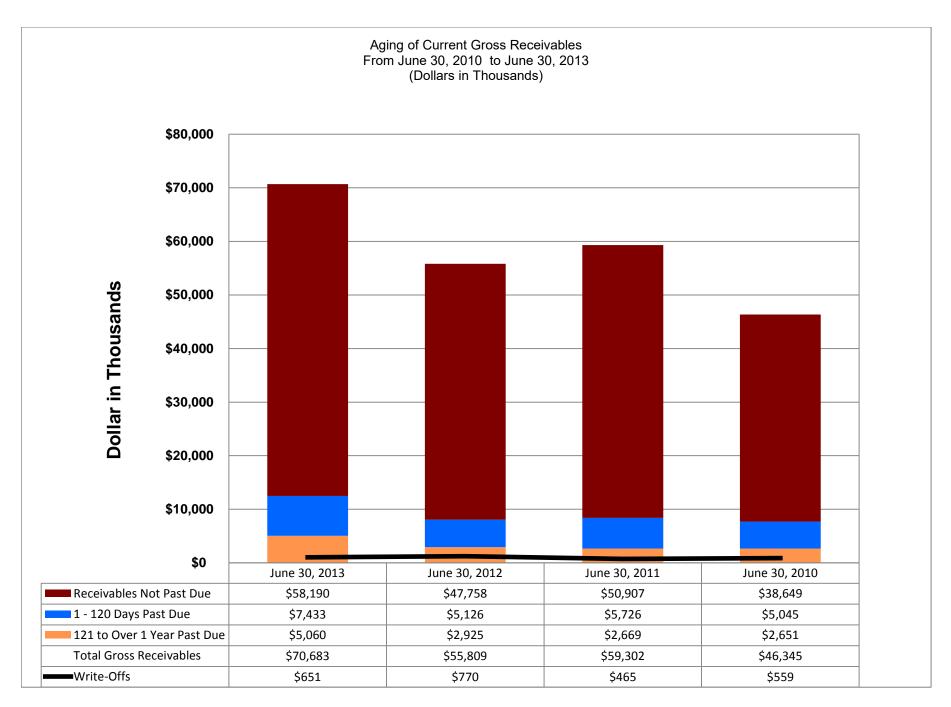
The university's Management Agreement under the Restructured Higher Education Financial and Administrative Operations Act includes several financial and administrative performance standards. The university must achieve compliance with all of these performance standards to retain the financial benefits provided under the Management Agreement. Although the reporting requirements under this Act have been temporarily suspended for fiscal years 2012 and 2013 we still monitor performance against these long-standing requirements. There are two management standards related to accounts receivable, and both are calculated annually. The two standards are:

- a. A four quarter average past due rate of 10 percent or less on receivables 121 days or more past due as a percentage of all receivables.
- b. An average past due rate of 10 percent or less on Federal student loans.

The university is currently in compliance with both standards. As of June 30, 2013, the average past due rate on current receivables 121 days or more past due is 2.95 percent for the four quarters ended and the Federal Perkins Student Loan default rate is 1.65 percent.

Composition of Gross Receivables Compared to Same Quarter Previous Year (Dollars in Thousands)

	 June 30, 20 ⁻	13	June 30, 2012						
	Receivable			Receivable					
	 Balance	Percent		Balance	Percent				
Student Accounts	\$ 3,242	4.6%	\$	2,752	4.9%				
Sponsored Programs	52,630	74.5%		43,019	77.1%				
Electric Service	862	1.2%		994	1.8%				
Parking Service	82	0.1%		103	0.2%				
Telecommunications (CNS)	73	0.1%		39	0.1%				
CEC and IVTSCC	655	0.9%		477	0.9%				
Veterinary Medicine	637	0.9%		508	0.9%				
Equine Medical Center	96	0.1%		192	0.3%				
Loans/Notes Receivable	24	0.0%		37	0.1%				
Other Receivables	 12,382	17.4%		7,688	13.8%				
Total Gross Receivables	\$ 70,683	100.0%	\$	55,809	100.0%				



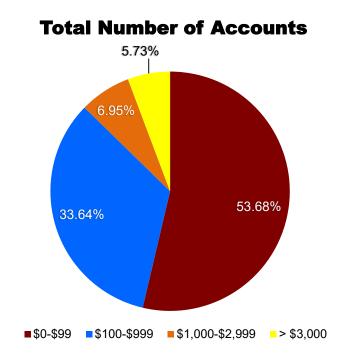
Current Accounts Receivable Write-Offs for June 30, 2013 with Comparison to 2012 and 2011

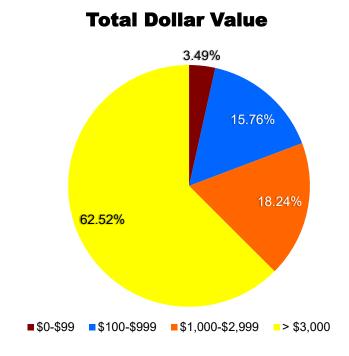
Accounts Receivable	June 30, 2013	June 30, 20		June 30, 2011	Three Year Average		
Student Accounts	\$ 298,742	\$	447,690	\$ 208,113	\$	318,181	
Sponsored Programs	65,972		10,836	-		25,603	
Electric Service	21,215		20,347	17,803		19,788	
Parking Services	20,248		26,750	17,095		21,364	
Telecommunications (CNS)	-		11,973	1,427		4,467	
CEC and IVTSCC	15,146		4,143	2,143		7,144	
Veterinary Medicine	82,883		81,633	83,094		82,537	
Equine Medical Center	59,597		72,669	83,230		71,832	
Loans/Notes Receivable	2,711		5,673	2,420		3,601	
Other Receivables	84,714		88,049	 49,835		74,199	
Total Current Accounts Receivable Write-Offs	\$ 651,228	\$	769,763	\$ 465,160	\$	628,717	

Current Accounts Receivable Write-Off Summary for June 30, 2013

TYPE	Total Number of Accounts	Total Dollars	Average Write Off Amount (\$)	Percent of Total Dollar Value	Percent of Total Number of Accounts
Student Accounts	102	\$ 298,742	\$ 2,929	45.87%	10.43%
Sponsored Programs	1	65,972	65,972	10.13%	0.10%
Electric Service	87	21,215	244	3.26%	8.90%
Parking Services	325	20,248	62	3.11%	33.23%
Telecommunications (CNS)	-	-	-	0.00%	0.00%
CEC & IVTSCC	9	15,146	1,683	2.33%	0.92%
Veterinary Medicine	149	82,883	556	12.73%	15.24%
Equine Medical Center	15	59,597	3,973	9.15%	1.53%
Loans/Notes Receivable	8	2,712	339	0.42%	0.82%
Other Receivables	282	84,715	300	13.01%	28.83%
	978	\$ 651,228	\$ 666	100.00%	100.00%

Stratification of Current Accounts Receivable Write-Offs for Fiscal Year 2013





Composition of Total Federal and Institutional Student Notes Receivables Compared to Same Quarter Previous Year (Dollars in Thousands)

		June 30, 2013			June 30,				
		Re	ceivable		Re	ceivable		Increa	ase/
		В	alance	Percent	Balance		Percent	Decre	ase
Federal Loans									
Federal - Perkins Loan		\$	14,259	87.9%	\$	14,181	89.3%	\$	78
Federal - Health Professions Student Loan (HPSL)			573	3.5%		524	3.3%		49
			14,832	91.4%		14,705	92.6%		127
Institutional Loans									
Brookings Student Loan		\$	968	6.0%	\$	752	4.7%	\$	216 ⁽²⁾
Milks Student Loan	(3)		3	0.0%		4	0.0%		(1)
Horizons-Brookings Student Loan			103	0.6%		103	0.6%		-
Charles W Thomas Student Loan	(1,3)		238	1.5%		238	1.5%		-
Virginia Tech Carilion School of Medicine Student Loan (VTCSOM)	(1,3)		81	0.6%		81	0.6%		
			1,393	8.6%		1,178	7.4%		215
Total Federal & Institutional Notes Receivables		\$	16,225	100.0%	\$	15,883	100.0%	\$	342

⁽¹⁾ The university implemented two institutional student loan programs in fall 2010 to provide student aid to the inaugural class of the Virginia Tech Carilion School of Medicine (VTCSOM) students.

⁽²⁾ The increase in note receivables at year end is due to an increase in new Brookings Loans awarded for the 2012-2013 academic year.

⁽³⁾ The university is not currently awarding new loans for this program.

Increasing Administrative Efficiencies through Expansion of Automated Systems

FINANCE AND AUDIT COMMITTEE

October 16, 2013

Background

A resolution was passed at the June 2008 meeting that charges the university's Vice President for Finance and Chief Financial Officer and the Vice President for Information Technology and Chief Information Officer to develop a plan to continue to automate the university's administrative systems utilizing modern information technology processes to gain process efficiencies. In addition, the plan should be implemented in a way that addresses business processes and the manner in which they are being conducted. Lastly, a timetable should be established for the ongoing automation of administrative processes in accordance with the plan to identify available resources such that the strategic systems improvements are implemented as soon as is practical to achieve administrative cost savings.

Report

This is the most recent progress report highlighting some of the efficiencies and process improvements that have been achieved since the November 2012 report. Following submission of the November 2009 report, the chair of the Finance and Audit Committee of the Board of Visitors and the Vice President for Finance and Chief Financial Officer agreed that this should become an annual report submitted for the November board meeting. In addition, it was agreed that the format of the report should change to only include a synopsis of the top four or five achievements from the previous year and to highlight the top four or five initiatives planned for next year.

SIGNIFICANT ACHIEVEMENTS IN PREVIOUS YEAR

<u>Human Resources / Payroll – Wage Timekeeping System</u>

In March 2012, a two-phased project began with a goal of addressing the control challenges presented by the university's decentralized, paper-driven, labor intensive wage timekeeping process. To support centralizing administration of a single wage employee timekeeping system, the university invested in the TimeClock Plus (TCP) system. The implementation of the system enables the electronic entry, routing, and approval of wage employee timekeeping. Personnel within Enterprise Systems worked with the vendor to ensure successful integration with the Banner system and use of the Central Authentication Service (CAS) single sign-on protocol that is used at Virginia Tech. Employees access the timekeeping system using either an electronic time clock or a web-based computer interface.

In March 2013, the first phase of this project was completed when eight campus units that had been using disparate electronic timekeeping systems were all converted to using TimeClock Plus. The centralized system has eliminated the need for departmental resources to maintain home grown systems.

The second phase to expand the use of TimeClock Plus to provide electronic timekeeping for all wage employees is well underway. The implementation is progressing incrementally by adding a senior management area each pay period. This is scheduled to be completed during the upcoming spring semester. This phase of the project will streamline the wage payroll process and provide cost savings to departments by eliminating the need for departments to create and store paper timekeeping documents for the thousands of wage employees at Virginia Tech.

Campus Navigation – Enhanced 911 Response and GPS Navigation

In July 2013, a project to assign street addresses to campus buildings on the main campus in Blacksburg was completed. Global Positioning System (GPS) providers are now able to update their systems by loading the new information stored in the Blacksburg Master Street Address Guide (MSAG). This will enable the campus community and visitors to use the GPS to locate specific physical addresses on campus. Having GPS mapping for all campus buildings enhances accessibility to the campus, improves mobile device mapping for campus locations, and establishes the foundation for expanding 911 response capabilities. An additional benefit of this effort is improved delivery information for external vendors. The Procurement Department worked with our procurement vendor SciQuest to incorporate this information into the electronic purchasing system resulting in little to no service interruption to campus deliveries. Enterprise Systems updated accounts receivable statements and purchase orders to reflect the new street addresses.

Research – Electronic Research Administration

The university implemented a number of system initiatives to improve research administration. These initiatives include:

- MyVT is a web portal that provides students and employees access to Virginia Tech information. During the fall semester of 2012, MyVT portal was expanded to include a research tab that provides researchers with a secure single entry point to access tools for administering their projects. Researchers are provided with customized notifications of new research awards and any compliance training they need to receive through the portal. Monthly statements of expenditures on any of their research projects are also accessible from the research portal.
- ➤ In March 2013, Virginia Tech deployed a system which enables the Office of Sponsored Programs (OSP) and compliance offices to keep track of any sponsored project agreement currently under negotiation or setup. By communicating the status of agreements in progress and documenting who to call

with questions, this system has improved customer service and processing of agreements.

- ➤ In April 2013, significant enhancements were made to the OSP Budget template. The new template possesses better usability and provides improved data validation over the previous version. In addition, template data is organized and structured to allow interfacing the budget information with the web-based Cayuse 424 proposal submission tool to eliminate double entry of the data. This interfacing project is underway and is expected to be completed during the fall semester of 2013.
- After an extensive review of possible solutions, in April 2013, Virginia Tech purchased the Cayuse Research Suite to form the basis for research administration services. This system will enable sharing data between relevant business processes, and promote visibility and collaboration between researchers, research administrators, and compliance officers. Virginia Tech personnel are serving on the Cayuse Customer Advisory Board to participate in setting the direction of future products within the Cayuse Research Suite. During fall semester 2013 an intensive test of the Cayuse system is being conducted using Virginia Tech data and proposals to determine the enhancements needed in the Cayuse proposal entry system prior to campus-wide implementation. The results of the ongoing tests, along with a new software roadmap expected from the vendor, will determine the timing of the future implementation of Cayuse Research Suite modules.

<u>Student Financial Aid – Scholarship Administration</u>

In the past year, the University Scholarships and Financial Aid Office worked with Enterprise Systems on the design and development of a scholarship administration system to improve scholarship fund use and management. Enhancements to reporting for the colleges and departments are now enabling better management of scholarships that facilitate more effective distribution of funds. Processes have been implemented to correlate financial aid funds to appropriate organizational units across the university and to more effectively maintain award eligibility requirements for college and department scholarships. Colleges and departments receive improved information concerning the defined requirements for the scholarships they manage. Additionally, colleges and departments can now enter scholarship recipients into the system and receive immediate verification of the recipient's eligibility for a particular scholarship. Reports for the Financial Aid staff now provide information on student eligibility and ineligibility for scholarships to promote better utilization of scholarship funds. Students have benefited from the system by receiving more detailed updates on scholarship availability and financial aid deadlines.

Implementing this system has facilitated improved sharing of scholarship information between units, improved quality control, and provided quicker notifications to students during peak scholarship times. By providing more information electronically, the financial aid office is experiencing efficiency gains in operations through reductions in the number of calls checking on the status of nominees.

<u>College of Engineering/Document Management – Academic Advising</u>

The College of Engineering academic advising office and Enterprise Systems collaborated to create a document management system for electronic storage of student folders. This enhancement improved departmental efficiency through elimination of the duplicative processes and filing of paper documents. The College also implemented an online application and review process for students applying to transition to engineering majors. The new process is easier for the student and a significant cost savings effort for the College that processes more than 2,000 applications for changes to majors annually. The success of these improvements has garnered significant interest on campus, so the College is considering sponsoring a pilot of a university-wide implementation in the future. The employees who led the implementation were nominated for a 2013 Governor's Award.

INITIATIVES IN PROCESS OR PLANNED FOR THE FUTURE

Finance – Travel and Expense Management System

The university currently processes about 25,000 travel reimbursements annually. Current travel and expense reimbursement process is manual and paper-based. The goal of the Travel and Expense Management (TEM) system is to gain efficiencies in the travel and expense reimbursement process through electronic routing of travel and reimbursement documents, electronic approvals, and electronic images of supporting documentation. Implementation of this solution should reduce the cost of processing expense reimbursements and improve the speed and accuracy of authorizing and paying business travel expenditures.

The TEM system remains in a pilot phase and is being used by forty organizations within two academic and two administrative senior management areas. Through September 23, 2013, 890 travel reimbursements for 319 travelers have been processed through the system. Over the past year, Enterprise Systems has worked with the software vendor, Ellucian, to improve the software so that it meets Virginia Tech requirements for a campus-wide implementation. Requirements for account provisioning, performance concerns, and new per diem functionality have been implemented in the pilot over the last year. Progress has been made on enhancing the approval capabilities of the system, but several months of software development work remains before the approval functionality of the system meets Virginia Tech requirements. A phased implementation of the TEM system is scheduled to start in the spring semester of 2014.

Research / Finance – Effort Reporting

The university receives significant funding for sponsored projects from federal and state agencies, private foundations, organizations, and industry. Proper effort certification verifies that these funds are properly expended for salaries and wages of faculty, staff, and

students who work on these projects. The Personnel Activity Report (PAR) documents the allocation of departmental funds between direct activities (such as instruction, research, public service, other) and indirect activities like departmental administration. The information is a vital component of the university's facilities and administrative cost proposal. The university plans to replace its current paper-based system with an automated solution for completing PAR documents. The result of this project should be a more secure, efficient process that results in significant cost savings by eliminating the need for creation, duplication, and storage of paper documents. This systems effort is scheduled for completion during the spring semester of 2014.

Information Technology - Business Intelligence System

Business intelligence is a broad category of applications and technologies for gathering, storing, analyzing, and providing access to data to help users make better data-driven decisions. Over the past year, Enterprise Systems has coordinated the compilation of requirements for a business intelligence system that would advance Virginia Tech's reporting and analytics capabilities. In January 2013, Virginia Tech issued a Request for Proposal (RFP) for an Enterprise Business Intelligence System. The RFP process is progressing with system selection and purchase expected to occur near the end of the fall semester. It is anticipated that in the next year, this new solution will be installed and several pilot groups will begin using the solution to assist in making informed data-driven decisions.

Provost and VP for Administrative Services - Event Management

The university is beginning an initiative to purchase a scheduling and space management system for making event scheduling, resources management, and campus-wide calendaring easier, more accurate, and efficient. Currently events are facilitated by a myriad of offices and managed through many disparate business practices across the campus ranging from departmental electronic systems to spreadsheets. Improving the coordination and standardization of event management is needed to insure consistent compliance with university health and safety processes and to provide greater transparency for events, group activities, and campus usage. It is envisioned that this solution will reduce administrative time and cost while enhancing the university's ability to promote, secure, and coordinate campus events. In addition, the system will provide better information and analytical tools for supporting the year-round campus utilization goals of the Virginia Higher Education Act of 2011. The university-wide implementation should enable improved services to students and organizations while also optimizing the use of university space.

Human Resources / Payroll – Leave System

Every month, Virginia Tech employees are responsible for accurately reporting leave usage. In the current VT-developed Leave Entry and Reporting System, leave usage is recorded electronically; however, a leave report has to be printed for signature approval. The university recently initiated a project to enhance the Leave Entry and Reporting

System to enable the electronic routing, storage, and approval of leave reports. In addition to leave reporting, salaried non-exempt employees will be able to use the enhanced leave system to report non-exempt hours worked, replacing the current paper-based process. The university expects to realize a more secure and efficient process that result in significant cost savings by eliminating the need for creation, duplication, and storage of paper documents through implementation of this project. The first phase of this project is expected to be completed near the end of the current fiscal year.

Summary

These represent a few of the notable accomplishments that have been recently implemented for improving process efficiencies and enhancing compliance and security as well as initiatives that are in progress or planned for the future. Virginia Tech continues to focus on increasing the pace of automation efforts through effective management of various factors including:

- resource allocation and usage for automation projects,
- prioritization of projects,
- · vendor system functionality and availability, and
- · regulatory or compliance requirements.





Financial Performance Report First Quarter 2013-14

Tim Hodge, Assistant Vice President for Budget and Financial Planning

November 18, 2013



Overview

- The university continuously monitors financial performance
- Each quarter the university provides the Board with an update on financial performance
- The annual budget represents the university's projection of operations
 - The original budget is as reviewed with the Board in June
 - The adjusted budget is revised as new information becomes available





E&G Operating Budget

- Annual Budget: no significant changes
- Performance:

University Division

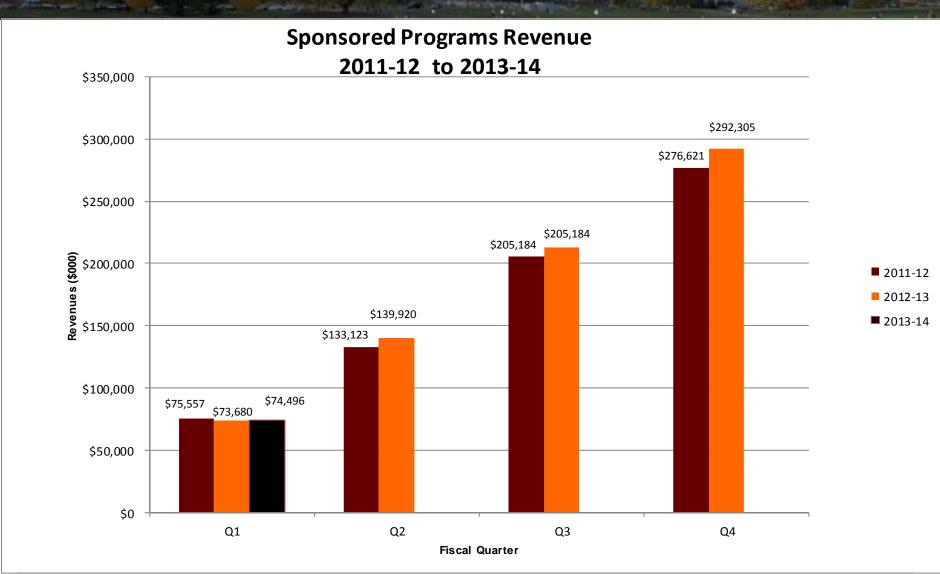
- Tuition: slightly higher than projected fall enrollments and earlier than expected tuition collections
- Higher than projected revenue within Continuing Education from the Language and Cultural Institute
- Increased case loads for Veterinary Medicine Teaching Hospital

CE/AES

- While not a concern:
 - Delayed receipt of federal funds
 - Timing of locality recoveries









Auxiliary Enterprises

- Key Annual Budget Changes:
 - \$6.5 million carryover of outstanding commitments & obligations:
 - \$2.8 million residential projects
 - \$1.5 million telecommunications project
 - \$2.2 million in other commitments
- Performance:
 - Dorms and Dining: strong occupancy and dining sales
 - Athletics: lower than projected ticket sales
 - Other activities are performing well.





Capital Outlay

- Total capital program level currently authorized
 - \$593.7 million over several years
- Cumulative program expenses
 - \$314.8 million inception-to-date
- Significant total program adjustments
 - Phase IV of Oak Lane Community (House 1): \$1 million private funds were added.
 - Upper Quad Residential Facilities: The total budget was increased to \$90 million to reflect construction approval for the project.
 - Planning: Marching Virginians Practice Facility was added to the report.





Capital Outlay

- Annual capital budget as of first quarter
 - \$82.3 million
- Annual expenses as of first quarter
 - \$37.3 million
- Annual budget adjustments this quarter
 - The total annual budget decreased to \$82.3 million from \$96.8 million because of adjustments to 8 projects.
 - The adjustments reflect the timing of invoices received between the first quarter of fiscal year 2014 and the fourth quarter of fiscal year 2013, a new authorization, and two projects with General fund budgets (Classroom Building and Sciences Building Laboratory I) that are respectively pending a state cost review and insertion to a funding pool.

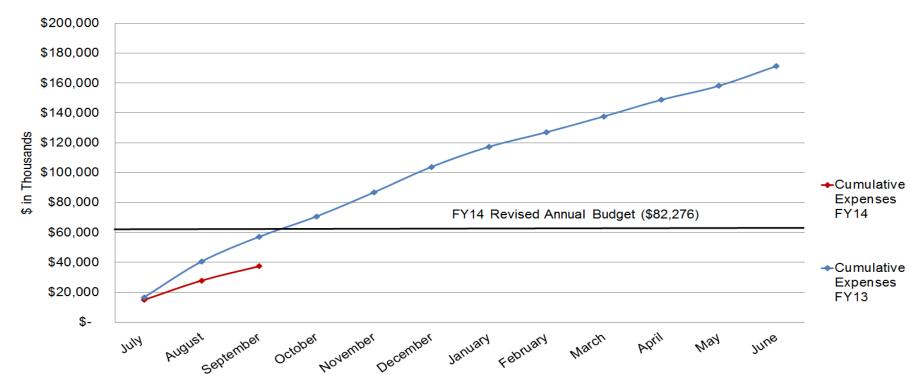


Capital Outlay Trends: Annual Performance

CAPITAL PROGRAM ANNUAL PERFORMANCE

<u>Cumulative Monthly Expenditures</u>

Fiscal Year 2013 and Fiscal Year 2014







Capital Outlay

- Major Construction Underway
 - Davidson Hall, Phase One
 - Human Agriculture and Biosciences Building, Phase One
 - Performing Arts Center
 - Signature Engineering Building
 - Unified Communications and Network Renewal





Questions?



Financial Performance Report - Operating and Capital FINANCE AND AUDIT COMMITTEE

July 1, 2013 to September 30, 2013

The Financial Performance Report of income and expenditures is prepared from two sources: actual accounting data as recorded at Virginia Tech and the annual budgets which are also recorded in the university accounting system. The actual accounting data reflect the modified accrual basis of accounting, which recognizes revenues when received rather than when earned and the expenditures when obligated rather than when paid. The Original Budget was approved by the Board of Visitors at the June meeting. The Adjusted Budget reflects adjustments to incorporate actual experience or changes made during the fiscal year. These changes are presented for review and approval by the Finance and Audit Committee and the Board of Visitors through this report. Where adjustments impact appropriations at the state level, the university coordinates with the Department of Planning and Budget to ensure appropriations are reflected accurately.

The July to September 30, 2013-14 budget (year-to-date) is prepared from historical data which reflects trends in expenditures from previous years as well as known changes in timing. Differences between the actual income and expenditures and the year-to-date budget may occur for a variety of reasons, such as an accelerated or delayed flow of documents through the accounting system, a change in spending patterns at the college level, or increases in revenues for a particular area.

Quarterly budget estimates are prepared to provide an intermediate measure of income and expenditures. Actual revenues and expenditures may vary from the budget estimates. The projected year-end budgets are, however, the final measure of budgetary performance.

OPERATING BUDGET

- 1. Tuition and Fee revenues are exceeding historical projections due to a slightly higher than anticipated fall enrollment and earlier than expected tuition collections.
- 2. All Other Income is ahead of historical projections due to higher than anticipated program activity in Continuing Education (Language and Culture Institute), and increased caseloads within the Veterinary Medicine Teaching Hospital.
- 3. Academic and Support program expenditures are ahead of historical projections due to the timing of operating expenditures and recoveries.
- 4. The budget for federal revenue is established to match projected allotments from the federal government that are expected to be drawn down during the state fiscal year. All expenses in federal programs are covered by drawdowns of federal revenue up to allotted amounts. Federal revenue in the Cooperative Extension/Agricultural Experiment Station Division is less than the projected budget due the timing of receipt of federal drawdowns. Expenditures are also temporarily exceeding projections due to the timing of recoveries from localities.
- 5. Quarterly and projected annual variances are explained in the Auxiliary Enterprises section of this report.
- 6. Historical patterns have been used to develop a measure of the revenue and expenditure activity for Sponsored Programs. Actual revenues and expenses may vary from the budget estimates because projects are initiated and concluded on an individual basis without regard to fiscal year. Total sponsored research revenues and expenses are less than projected, but sponsored research revenues are ahead of 2012-13 activity levels.
- 7. Revenues and Expenses for All Other Programs were less than projected due to lower than budgeted interest earnings and Surplus Property activity.
- 8. The General Fund revenue budget has been increased by \$29,729 for the Virtual Library of Virginia distribution costs. The corresponding expenditure budget has been adjusted accordingly.
- 9. The annual budget for Tuition and Fees has been increased by \$8,937 for the finalization of the budgets for tuition, E&G fees, Veterinary Medicine capitation, and unfunded scholarships. The corresponding expenditure budgets have been adjusted accordingly.
- 10. The projected year-end revenue and expense budgets for Student Financial Assistance were increased by \$27,450 for the Virginia Military Survivors & Dependents Program.
- 11. The projected annual budgets for All Other Programs were decreased \$9,058 to finalize the Investment and Debt Management budget, and the expense budgets increased \$137,407 for outstanding 2012-13 commitments that were initiated but not completed before June 30, 2013.

OPERATING BUDGET 2013-14

Dollars in Thousands

	July 1, 2013 to September 30, 2013		Annu	s-14		
	Actual	Budget	Change	Original	Adjusted	Change
Educational and General Programs <u>University Division</u>						
<u>Revenues</u>						
General Fund Tuition and Fees	\$40,990 189,899	\$40,990 182,435	\$0 7,464 (1)	\$149,324 382,785	\$149,354 382,794	\$30 (8) 9 (9)
All Other Income	11,420	10,037	1,383 (2)	31,173	31,173	0
Total Revenues	\$242,309	\$233,462	\$8,847	\$563,282	\$563,321	\$39
<u>Expenses</u>						
Academic Programs Support Programs	\$-104,979 -49,234	\$-102,305 -49,085	\$-2,674 (3) -149 (3)	\$-382,215 -181,067	\$-382,089 -181,232	\$126 (9) -165 (8,9)
Total Expenses	\$-154,213	\$-151,390	\$-2,823	\$-563,282	\$-563,321	\$-39
NET	\$88,096	\$82,072	\$6,024	\$0	\$0	\$0
CE/AES Division						
Revenues						
General Fund	\$18,056	\$18,056	\$0	\$64,676	\$64,676	\$0
Federal Appropriation	4,748	7,757	-3,009 (4)	14,521	14,521	0
All Other Income	203	179	24	839	839	0
Total Revenues	\$23,007	\$25,992	\$-2,985	\$80,036	\$80,036	\$0
<u>Expenses</u>						
Academic Programs	\$-21,593	\$-20,493	\$-1,100 (4)	\$-73,751	\$-73,751	\$0
Support Programs	-1,304	-1,263	<u>-41</u>	-6,285	-6,285	0
Total Expenses	\$-22,897	\$-21,756	\$-1,141	\$-80,036	\$-80,036	\$0
NET	\$110	\$4,236	\$-4,126	\$0	\$0	\$0
Auxiliary Enterprises						
Revenues	\$107,790	\$108,200	\$-410 (5)	\$286,543	\$285,247	\$-1,296 (5)
Expenses Reserve Drawdown (Deposit)	-79,914 -27,876	-82,503 -25,697	2,589 (5) -2,179 (5)	-281,556 -4,987	-285,041 -206	-3,485 (5) 4,781 (5)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Sponsored Programs						
Revenues	\$74,496	\$87,907	\$-13,411 (6)	\$329,738	\$329,738	\$0
Expenses	-89,091	-99,074	9,983 (6)	-329,738	-329,738	0
Reserve Drawdown (Deposit)	14,595	11,167	3,428	0	0	0
NET	\$0	\$0	\$0	\$0	\$0	\$0
Student Financial Assistance						
General Fund	\$9,853	\$9,853	\$0	\$19,706	\$19,733	\$27 (10)
Expenses	-7,746	-7,628	-118	-19,706	-19,733	-27 (10)
Reserve Drawdown NET	<u>0</u> \$2,107	<u>0</u> \$2,225	<u>0</u> \$-118	<u>0</u> \$0	<u>0</u> \$0	<u>0</u> \$0
All Other Programs *						
Revenue	\$1,335	\$1,561	\$-226 (7)	\$6,313	\$6,304	\$-9 (11)
Expenses	-1,308	-1,611	303 (7)	-6,313	-6,441	-128 (11)
Reserve Drawdown (Deposit)	-27	50	<u>-77</u> (7)	0	137	137 (11)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Total University						
Revenues	\$458,790	\$466,975	\$-8,185	\$1,285,618	\$1,284,379	\$-1,239
Expenses Reserve Drawdown (Deposit)	-355,169 -13,308	-363,962 -14,480	8,793 1,172	-1,280,631 -4,987	-1,284,310 -69	-3,679 4,918
NET	\$90,313	\$88,533	\$1,780	\$0	\$0	\$0
141-1	ψ50,515	ψ00,000	Ψ1,700	ΨΟ	Ψ0	ΨΟ

 $^{^{\}star} \, \text{All Other Programs include federal work study, alumni affairs, surplus property, and unique military activities.}$

AUXILIARY ENTERPRISE BUDGET

- 1. Revenues in Residence and Dining Halls are higher than projected due to higher than anticipated dorm occupancy and dining meal plan sales.
- 2. Revenues and expenses in Parking and Transportation Services are lower than projected due to lower than forecasted Fleet Services business volume.
- 3. Expenditures for Telecommunications Services are lower than projected due to timing of campus telecommunication infrastructure projects.
- 4. Revenues for the University Services System are higher than projected due to higher than projected self-generated revenue in Recreation Sports. Expenses are lower than projected due to the timing of operating expenses.
- Revenues for Intercollegiate Athletics are lower than projected due to lower than budgeted ticket sales. Expenditures are lower than projected due to timing of operating expenses and one-time sport facility related projects.
- 6. Revenues for Other Enterprise Functions are higher than projected due to higher than forecasted Orientation and Software Sales business volume.
- 7. The projected annual expense budget for Auxiliary Enterprises was adjusted for \$6.5 million in outstanding 2012-13 commitments and projects that were initiated but not completed before June 30, 2013. This amount includes \$1.5 million in Telecommunications projects, and \$2.8 million in Residence Hall projects. The remainder is spread across the other auxiliary programs.
- 8. The projected annual revenue and expense budgets for Telecommunications Services were decreased \$375,432 for anticipated project revenues and expenses associated with the updated Unified Communication Project planning assumptions and activity in the National Capital Region.
- 9. The projected annual expense budget for Student Centers and Activities was increased \$482,000 for roof and concrete repairs.
- 10. The projected annual revenue and expense budgets for Electric Services were decreased to accommodate for revised 2013-14 cost of wholesale electricity and reduced customer rates, as well as an allowance to plan for the next substation.
- 11. The projected annual revenue, expense, and reserve budgets for Other Enterprise Functions were adjusted for Central Chiller Plant Infrastructure and the timing of clearing accounts, as well as for contractual changes in the Library Café.

UNIVERSITY DIVISION AUXILIARY ENTERPRISES

Dollars in Thousands

Reserve Drawdown (Deposit) Net -588 (190) S0 -398 (189) S0 -1.279 (1.468 (7.8) S0 Net \$0		July 1, 2013 to September 30, 2013			Annual Budget for 2013-14		
Revenues		Actual	Budget	Change	Original	Adjusted	Change
Expenses	Residence and Dining Halls						
Net	Expenses	-25,023	-25,281	258	-97,575	-100,517	-2,942 (7)
Revenues	, ,						
Revenues	Parking and Transportation						
Revenues \$5,715 \$5,671 \$44 \$19,337 \$18,961 \$-376 (8) Expenses 5,177 5,481 354 (3) 19,148 20,240 1,092 (71,8) Reserve Drawdown (Deposit) -508 -190 398 19,279 1,468 (78) 1,092 (78) 1,0	Revenues Expenses	-3,615	-4,041	426 (2)	-13,242	-13,736	-494 (7)
Revenues	Net	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	Telecommunications Services						
Revenues	Expenses Reserve Drawdown (Deposit)	-5,127 -588	-5,481 -190	354 (3) -398	-19,148 -189	-20,240 1,279	-1,092 (7,8) 1,468 (7,8)
Expenses	University Services System						
Revenues \$25,236 \$26,722 \$1,486 (5) \$55,507 \$55,507 \$00 Expenses 117,117 17,596 479 (5) 55,590 55,559 31 (7) Reserve Drawdown (Deposit) -8,119 -9,126 1,007 (5) 83 52 -31 (7) Net \$0	Expenses	-15,444	-16,220	776 (4)	-39,082	-40,406	\$0 -1,324 (7,9)
Revenues \$25,236 \$26,722 \$-1,486 (5) \$55,507 \$55,507 \$0 Expenses -17,117 -17,596 479 (5) -55,590 -55,559 31 (7) Reserve Drawdown (Deposit) -8,119 -9,126 1,007 (5) 83 52 -31 (7) Net \$0	Net	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	Intercollegiate Athletics						
Revenues \$7,693 \$7,664 \$29 \$36,377 \$35,506 \$-871 (10)	Expenses	-17,117	-17,596	479 (5)	-55,590	-55,559	31 (7)
Revenues	Net	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	Electric Service						
Revenues \$2,856 \$2,811 \$45 \$11,078 \$11,078 \$0 Expenses -3,736 -3,955 219 -11,375 -11,574 -199 (7) Reserve Drawdown (Deposit) 880 1,144 -264 297 496 199 (7) Net \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Expenses Reserve Drawdown (Deposit)	-9,605 1,912	-9,649 1,985	-73	-35,642 -735	-35,190 -316	\$-871 (10) 452 (7,10) 419 (7,10)
Revenues \$2,856 \$2,811 \$45 \$11,078 \$11,078 \$0 Expenses -3,736 -3,955 219 -11,375 -11,574 -199 (7) Reserve Drawdown (Deposit) 880 1,144 -264 297 496 199 (7) Net \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			Φυ	ΦO	ΦО	Φ0	ΦΟ
Other Enterprise Functions Revenues \$3,936 \$3,677 \$259 (6) \$10,067 \$10,018 \$-49 (11) Expenses -247 -280 33 -9,902 -7,819 2,083 (7,10) Reserve Drawdown (Deposit) -3,689 -3,397 -292 -165 -2,199 -2,034 (7,10) Net \$0 \$0 \$0 \$0 \$0 \$0 TOTAL AUXILIARIES Revenues \$107,790 \$108,200 \$-410 \$286,543 \$285,247 \$-1,296 Expenses -79,914 -82,503 2,589 -281,556 -285,041 -3,485 Reserve Drawdown (Deposit) -27,876 -25,697 -2,179 -4,987 -206 4,781	Revenues Expenses Reserve Drawdown (Deposit)	\$2,856 -3,736 880	-3,955 1,144	219 -264	-11,375 297	-11,574 496	-199 (7) 199 (7)
Revenues \$3,936 \$3,677 \$259 (6) \$10,067 \$10,018 \$-49 (11) Expenses -247 -280 33 -9,902 -7,819 2,083 (7,17) Reserve Drawdown (Deposit) -3,689 -3,397 -292 -165 -2,199 -2,034 (7,17) Net \$0 \$0 \$0 \$0 \$0 \$0 TOTAL AUXILIARIES Revenues \$107,790 \$108,200 \$-410 \$286,543 \$285,247 \$-1,296 Expenses -79,914 -82,503 2,589 -281,556 -285,041 -3,485 Reserve Drawdown (Deposit) -27,876 -25,697 -2,179 -4,987 -206 4,781		ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ
TOTAL AUXILIARIES Revenues \$107,790 \$108,200 \$-410 \$286,543 \$285,247 \$-1,296 Expenses -79,914 -82,503 2,589 -281,556 -285,041 -3,485 Reserve Drawdown (Deposit) -27,876 -25,697 -2,179 -4,987 -206 4,781	Revenues Expenses Reserve Drawdown (Deposit)	-247 -3,689	-280 -3,397	33 -292	-9,902 -165	-7,819 -2,199	\$-49 (11) 2,083 (7,11) -2,034 (7,11)
Revenues \$107,790 \$108,200 \$-410 \$286,543 \$285,247 \$-1,296 Expenses -79,914 -82,503 2,589 -281,556 -285,041 -3,485 Reserve Drawdown (Deposit) -27,876 -25,697 -2,179 -4,987 -206 4,781		Φυ	ΦU	ΦU	ΦU	ΦU	ΦU
Expenses -79,914 -82,503 2,589 -281,556 -285,041 -3,485 Reserve Drawdown (Deposit) -27,876 -25,697 -2,179 -4,987 -206 4,781		¢107 700	\$109.200	¢. 410	¢286 542	¢285 247	\$_1.20£
	Expenses	-79,914	-82,503	2,589	-281,556	-285,041	-3,485
Net <u>\$0</u> <u>\$0</u> <u>\$0</u> <u>\$0</u> <u>\$0</u> <u>\$0</u> <u>\$0</u> <u>\$0</u>	Net	\$0	\$0	\$0	\$0	\$0	\$0

CAPITAL OUTLAY BUDGET

Educational and General Projects

- 1. The total project budget amounts reflect the balance of maintenance reserve appropriation carried forward from fiscal year 2013 and the state's fiscal year 2014 allocation of \$5.649 million of Maintenance Reserve funds. The current year revised annual budget reflects reaching the 85 percent expenditure performance requirement.
- 2. This project will support progress on fire alarm systems and accessibility improvements for several E&G buildings including Randolph Hall, War Memorial Hall, Food Science and Technology Building, Norris Hall, Newman Library, Lane Hall, Patton Hall, Litton Reaves Hall, Whittemore Hall, Architecture Annex and Wallace Annex. The improvements may be implemented in multiple packages. Design work is underway and construction funding will be released as design cost reviews are completed by the state.
- 3. This project is for a 73,000 gross square foot classroom building to meet the university's instructional classroom and laboratory needs. The state authorized construction funding which may be allocated pending their completion of the preliminary designs cost review. The original annual budget of \$10 million reflected an anticipated allocation of construction funds for an approximately \$42 million project prior to July 1, 2013. The state has not yet released construction funds; thus, the annual budget and total project budget were revised back to the planning allocation levels while the state continues its cost review work.
- 4. This project will plan the renovation of three academic buildings located in the core of main campus bordering the Drillfield: Davidson Hall-Front Section, Sandy Hall, and the Liberal Arts Building. Design work is underway and the university is working with the state to finalize a total project budget through the cost review process. The funding plan calls for the university to temporarily support planning costs with nongeneral funds which will be reimbursed by the state once construction funding is released.
- 5. This project will plan a facility to accommodate the practice needs of the Marching Virginians. The project envisions three components: a facility, a covered open air pavilion, and an artificial turf field. Planning work is underway for the building components with a request for sitework funding for the field component being presented at the November 2013 Board of Visitors meeting. An anticipated request for the remaining construction funding is expected for the March 2014 Board of Visitors meeting.
- 6. The instructional components of the Dairy Science program are being relocated to Kentland through a project with the Virginia Tech Foundation. This project will preplan the relocation of six remaining agricultural facilities with three new facilities including a metabolism research laboratory, an applied reproduction facility, and an arena with animal holding spaces. The funding plan calls for the university to temporarily support planning costs with nongeneral funds which will be reimbursed by the state once construction funding is released.
- 7. This project is for a 92,500 gross square foot building to provide modern laboratory space to meet the needs of animal and plant science research. Construction is underway with substantial completion expected in November 2013.
- 8. This project includes construction of a state-of-the-art performance theatre, creative technologies laboratory, and creative performance laboratory. The project is occupied and is entering the close-out phase.
- This project razes and replaces the unrecoverable center and north section of the building. Construction is underway with substantial completion expected in January 2014.
- 10. This project is for a 154,900 gross square foot classroom and laboratory facility for undergraduate and research programs in the College of Engineering. Construction is underway with substantial completion expected in December 2013.
- 11. The project is complete and has been occupied since August 2012. The project may be closed and financial accounts terminated when completion of the authorized scope has been verified by the Chief Facilities Officer. The annual budget was adjusted in the first quarter because expenses planned for fiscal year 2013 will be processed in fiscal year 2014.
- 12. The project is complete and has been occupied since July 2013. The project may be closed and financial accounts terminated when completion of the authorized scope has been verified by the Chief Facilities Officer. The annual budget was adjusted in the first quarter to reflect expected cash outflows for fiscal year 2014.
- 13. This is a subproject of a Blanket Authorization, which allows unforeseen small projects to be authorized administratively with nongeneral funds for expediency. This project includes a \$3.5 million authorization to initiate planning for a Sciences Laboratory Building that has been on hold.
- 14. This project is envisioned to provide an 80,000 gross square foot scientific laboratory facility to support interdisciplinary instruction and research. The proposed total project budget is \$46.45 million including \$31.45 million of General Fund and \$15 million of nongeneral fund. The original annual budget of \$10 million reflected an anticipated allocation of General Fund resources in late fiscal year 2013. The state's capital funding pool did not include the project, and the university is working with the state on the timing of the General Fund resources to implement the project. Thus, the annual budget and total project budget were adjusted back to zero pending the timing of state funding.

CAPITAL OUTLAY PROJECTS AUTHORIZED AS OF SEPTEMBER 30, 2013

Dollars in Thousands

	CURRENT YEAR			TOTAL PROJECT BUDGET					
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES
Educational and General Projects									
Educational and General Maintenance Reserve Maintenance Reserve	6,723	7,403	1,731	13,427	0	0	0	13,427	5,740 (1)
Design Phase Address Fire Alarm Systems and Access Classroom Building Planning: Academic Buildings Renewal Planning: Marching Virginians Practice Facility Preplanning: Improve Kentland Facilities	1,500 10,000 1,348 0 152	1,500 965 1,348 400 152	50 340 0 0	5,501 0 0 0 0	0 0 0 0	0 2,000 1,389 400 1,500	0 0 0 0	5,501 2,000 1,389 400 1,500	229 (2) 1,375 (3) 0 (4) 0 (5) 0 (6)
Construction Phase Human & Agricultural Biosciences Building I Performing Arts Center Renovate Davidson Hall, Phase I Signature Engineering Building	9,500 14,187 9,719 16,000	9,500 14,187 9,719 16,000	6,726 9,177 3,715 6,995	53,759 27,387 31,119 47,609	0 0 0 0	0 32,565 0 18,650	0 40,135 0 28,959	53,759 100,087 31,119 95,218	43,565 (7) 89,954 (8) 23,142 (9) 63,186 (10)
Close-Out Academic and Student Affairs Building Chiller Plant, Phase I	0 1,598	1,989 2,435	273 1,617	0 12,059	0	0 400	45,153 7,639	45,153 20,098	43,437 (11) 19,280 (12)
On Hold and Not Funded Blanket: E&G Research Projects Sciences Building Laboratory I TOTAL	0 10,000 80,727	0 0 65,598	30,623	0 0 190,861	0 0	3,500 0 60,404	0 0 121,886	3,500 0 373,151	547 (13) 0 (14) 290,453

CAPITAL OUTLAY BUDGET (Continued)

Auxiliary Enterprises Projects

- 1. Projects are scheduled and funded by the auxiliary enterprises during the annual Auxiliary Enterprise budgeting process. The units prepare five-year plans that outline their highest priority deferred maintenance needs. The annual budget reflects the spending plans of the auxiliary units on scheduled maintenance reserve work for fiscal year 2014. The outstanding balance is committed to a five year forward looking maintenance plan to ensure sufficient resources are available for major maintenance repairs. The auxiliary maintenance reserve program covers 93 assets with a total replacement value of \$1 billion. The outstanding balance of the Total Project Budget is for maintenance reserve work scheduled for fiscal year 2014 and beyond.
- 2. The purpose of this project is to build a new field house to increase the availability of indoor training time for the football program and other athletic programs. A site for the new facility has been selected and the intended delivery method is Design-Build. The envisioned schedule is to complete procurement of a Design-Build team in early March 2014 and to initiate construction activity in July 2014 with completion in August 2015. The annual budget was adjusted in the first quarter to reflect initiating planning activity.
- 3. This project includes installation of a new fiber-optic core on campus to update the communication system. The total expected costs are \$2 million and this project is anticipated to be complete in January 2015.
- 4. This project includes improvements to four complementary communication infrastructure components. The four components include a unified communications system, upgrading the Internet Protocol (IP) Network, upgrading the cable plant, and upgrading equipment rooms in various facilities. The total expected costs are \$16.508 million and this project is anticipated to be complete in spring 2016.
- 5. This project replaces Rasche and Brodie with two new residential facilities and razes Thomas and Monteith. The total expected costs are \$90 million and this project is anticipated to be complete by fall semester 2017 based on an anticipated four year construction schedule. The subproject is complete and the house is occupied. The subproject was delivered under a Public-Private Partnership Agreement. The private partner exceeded the house component of the budget by \$1.06 million and has agreed to fund the entire overrun with private sources. To process the excess costs, invoices were processed through contract change orders and charged to the capital project. To absorb the excess costs, an equal amount of budget was shifted from the remaining unallocated authorization of the Phase IV of Oak Lane Community as reflected in footnote item 10. The total budget for this subproject was increased to \$6.002 million accordingly.
- 6. This project is complete and may be closed and financial accounts terminated when completion of the authorized scope has been verified by the Chief Facilities Officer. The total expected costs are \$3.375 million.
- 7. This project envisioned a new residence hall of approximately 250 beds. Cost estimates exceed the project budget and the project is on hold while the university explores alternatives. Funding for the project may be considered pending a program plan and financial plan.
- 8. The purpose of this unfunded parking blanket authorization balance is to complete future improvements and repair projects for the parking system as specific needs are identified and as funding becomes available.
- 9. This is the remaining unallocated authorization of the original \$23.5 million Oak Lane Community, Phase IV project. The outstanding Oak Lane Community expansion, houses two through five and their necessary site improvements, may be constructed as organizations come forward with plans and commitments for their one-third funding requirement per house. The total remaining authorization decreased by \$1.06 million to accommodate the increase spending of the first house, leaving \$17.498 million of authorization for additional houses and infrastructure.

Presentation Date: November 18, 2013

Capital Outlay Projects Authorized as of September 30, 2013 (Continued)

Dollars in Thousands

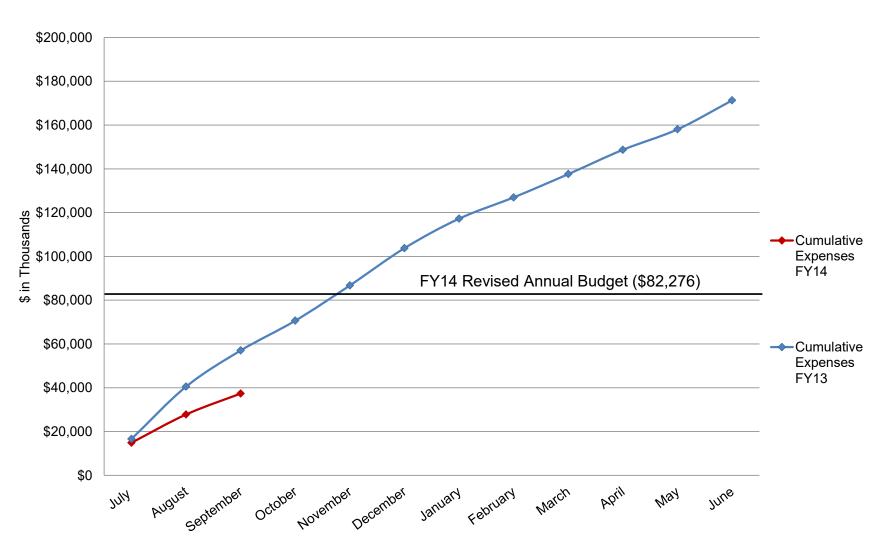
		CURRENT YE	AR			TOTAL PROJE	ECT BUDGET		
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES
Auxiliary Enterprises Projects									
Auxiliary Maintenance Reserve Maintenance Reserve	6,400	6,400	3,055	0	0	16,679	0	16,679	3,055 (1)
<u>Design Phase</u> Indoor Athletic Training Facility	0	500	0	0	0	500	24,500	25,000	8 (2)
Construction Phase Campus Fiber Optic Improvement Unified Communications & Network Renewal Upper Quad Residential Facilities	492 1,920 5,795	492 1,920 5,795	240 440 1,538	0 0 0	0 0 0	2,000 4,500 90,000	0 12,008 0	2,000 16,508 90,000	1,510 (3) 8,830 (4) 1,542 (5)
<u>Close-Out</u> Phase IV of Oak Lane Community (House 1) Repair McComas Hall Exterior Wall Structure, Ph III	996 510	1,302 269	1,179 241	0	0	6,002 3,375	0	6,002 3,375	5,880 (6) 3,347 (7)
On Hold and Not Funded New Residence Hall II Parking Blanket Authorizations Balance Phase IV of Oak Lane Community (Houses 2 - 5) TOTAL	0 0 0 16,113	0 0 0 16,678	0 0 0 6,693	0 0 0	0 0 0	0 0 0 123,056	27,000 16,547 17,498 97,553	27,000 16,547 17,498 220,609	182 (8) 0 (9) 0 (10) 24,355
GRAND TOTAL	\$ 96,840	\$ 82,276	\$ 37,317	\$ 190,861	\$ -	\$ 183,460	\$ 219,439	\$ 593,760	\$ 314,807

RECOMMENDATION:

That the report of income and expenditures for the University Division and the Cooperative Extension/Agricultural Experiment Station Division for the period of July 1, 2013 through September 30, 2013 and the Capital Outlay report be accepted.

November 18, 2013

CAPITAL PROGRAM ANNUAL PERFORMANCE <u>Cumulative Monthly Expenditures</u> Fiscal Year 2013 and Fiscal Year 2014



Pratt Funds Overview

ACADEMIC AFFAIRS COMMITTEE AND FINANCE AND AUDIT COMMITTEE

October 11, 2013

In 1975, the university received a significant bequest from the estate of Mr. John Lee Pratt of Stafford County, following his death on December 20, 1975. The bequest was divided equally into two distinct parts, one to support Animal Nutrition and one to support the College of Engineering. According to the will, the bequest for Animal Nutrition was to be used to promote the study of animal nutrition by supplementing salaries, providing equipment and materials to be used for experiments in feeding and in the preparation of feeds for livestock and poultry, and publishing and disseminating the research results of the studies. The will provided that the bequest for the College of Engineering should be used to support research and scholarships.

Distributions of the Pratt Estate were received in several installments: \$9,561,819 in 1975, \$1,330,000 in 1977, \$47,000 in 1979, and \$30,164 in 1981, for a total of \$10,968,983. Over the years, the Pratt endowment has grown to \$40.2 million, as of June 30, 2013. The following paragraphs summarize some of the major accomplishments of the College of Engineering and the Animal Nutrition Programs that are directly tied to the funding provided by the Pratt estate.

When the Pratt Endowment was originally established, the College of Engineering was in the early stages of becoming established as a nationally recognized leader in engineering education. The Pratt Endowment has played a significant role over the years in allowing the College to enrich its pool of students and to offer additional international study opportunities to students and faculty. Additionally, the Pratt funds currently allow the College to invest resources in three research areas: biomedical engineering, microelectronics, and energy and advanced vehicles.

The expenditure of income funds from the Pratt Endowment provides an unusual opportunity to support an animal nutrition program of high quality. Use of these endowment earnings has concentrated on enhancing research and educational opportunities beyond what departments could do with state and federal funding. The main funding strategy remains with strong support for Ph.D. training, direct research support, scientific equipment, and visiting professors that stimulate and inspire the faculty and students engaged in nutrition research.

Presentation Date: November 18, 2013

PRATT FUNDS: College of Engineering

The Pratt Endowment enriches the College of Engineering in many ways, adding to Virginia Tech's reputation. In fiscal year 2012-2013, Pratt Funds supported the following engineering programs: undergraduate scholarships, undergraduate and graduate study abroad scholarships, graduate research assistantships, graduate fellowships and graduate tuition scholarships, and graduate recruitment for the College's research programs.

Undergraduate Scholarships

Budgeted: \$350,000 Spent: \$336,971

Pratt Funds allow the College to offer Dean's Scholar Scholarships to entering freshmen. These scholarships provide a four-year, \$5,000 per academic year continuing commitment to each recipient provided at least a 3.5 grade point average is maintained. In fiscal year 2012-2013, Pratt Funds supported 49 students on Dean's Scholar Scholarships. An additional 36 deserving students received support of \$3,000. Pratt funding also provided \$4,471 for the Dean's Scholar Awards dinner.

<u>Undergraduate Study Abroad Scholarships</u>

Budgeted: \$60,000 Spent: \$55,913

Pratt Funds provided scholarships to a total of 84 undergraduate students participating in international experiences during the 2012-2013 academic year. Travel scholarships supported 14 students in a summer program studying Water Management and Transportation Infrastructure Engineering in the Dominican Republic; seven students completed an operations lab in Denmark; two students in a summer engineering program in Shanghai, China; and one student studied aerospace engineering in Germany. Pratt funds also supported 17 students participating in a senior design program with Ecole de Mines de Nantes in France, and nine students who traveled to Brazil to take courses in biological systems engineering. Scholarships also were awarded to four students to visit the Politecnico di Milano in Italy, and six students who participated in a service project in Haiti, helping to build a bridge for a rural community. Pratt funds also supported the Rising Sophomore Abroad Program which enabled an additional 24 freshman students to visit Italy, Switzerland, and Germany to study how engineering is practiced in a global context.

Graduate Study Abroad Scholarships

Budgeted: \$10,000 Spent: \$10,000

Pratt funds supported a total of six graduate students undertaking a variety of international experiences. Pratt funds supported scholarships for four civil engineering students to participate in a summer program studying Water Management and Transportation Infrastructure in the Dominican Republic. One scholarship also was provided to a graduate student in aerospace engineering to participate in collaborative research at the University of Cambridge in England, and one scholarship to a graduate student in biological systems engineering to undertake research in Tanzania.

Graduate Fellowships and Graduate Tuition Scholarships

Budgeted: \$190,000 Spent: \$201,337

Graduate Fellowships

Each engineering department receives a portion of Pratt Funds to use for graduate fellowships. In fiscal year 2012-2013, 99 students received Pratt Fellowships ranging from \$26 per month to \$995 per month. These fellowships supplement existing assistantships, allowing the College to offer competitive packages to graduate students that are being aggressively recruited by other top engineering colleges. In this three-year program, each graduate teaching assistantship is coupled with a Pratt Fellowship to give graduate students the opportunity to gain valuable teaching experience. (Spent: \$194,222)

Graduate Tuition Scholarships

Engineering departments have the option of using their Pratt Fellowship funding for tuition remission scholarships for graduate students. In fiscal year 2012-2013, departments paid partial tuition for three graduate students from Pratt funds.

(Spent: \$7,115)

Graduate Research Scholarships

Budgeted: \$115,228 Spent: \$103,666

The College used Pratt funding to support graduate teaching research assistants in the Institute for Critical Technology and Applied Science (ICTAS) Doctoral Scholars Program. This program is a multi-disciplinary research effort coordinated by ICTAS, with significant contributions from participating departments, colleges, and the Graduate School. Students in this program receive a graduate research scholarship of \$25,000 per year for a maximum of four years. Pratt funding was used to support eight students in the program during fiscal year 2012-2013.

Presentation Date: November 18, 2013

Graduate Recruitment for Research Programs

Budgeted: \$125,000 Spent: \$110,689

The College's departments readily acknowledge that the use of Pratt Funds to support visiting prospective graduate students substantially increases enrollment of top-quality graduate students and is critical to the College's research programs. In fiscal year 2012-2013, this funding supported the travel expenditures for over 150 prospective graduate students. As part of the recruiting effort, a group of engineering departments continued to use Pratt funding to support a successful Graduate Recruiting Weekend during the spring semester.

PRATT FUNDS ACTIVITY STATEMENT

For the Year Ended June 30, 2013 **ENGINEERING**

<u>Income</u>

Balance, July 1, 2012	\$ 61,988
Endowment Income for 12-13	963,603
Repayment of Loan	<u>(154,041)</u>

Total Available \$871,550

Expenditures

Undergraduate Scholarships	\$336,971
Undergraduate Study Abroad Scholarships	55,913
Graduate Study Abroad Scholarships	10,000
Graduate Fellowships	194,222
Graduate Tuition Scholarships	7,115
Graduate Research Scholarships	103,666
Graduate Recruitment for Research Programs	<u>110,689</u>

Total Expenditures \$818,576

Balance at June 30, 2013 to be carried to 2013-14 **\$** 52,974

RECOMMENDATION:

That the 2012-13 Pratt Funds Activity Statement for the College of Engineering be approved.

PRATT FUNDS: Animal Nutrition

The John Lee Pratt Endowment has been instrumental in enhancing the quality of the university's animal nutrition programs at Virginia Tech. The Pratt Endowment objective as specified in John Lee Pratt's bequest is to "promote the study of animal nutrition," provide equipment and materials for feeding experiments and the preparation of livestock and poultry feeds, and to publish and disseminate the practical results from this research." In an effort to better meet the original goals of the Endowment in enhancing Animal Nutrition programs and attract high quality graduate scholars, the College of Agriculture and Life Sciences Pratt Endowment Executive Council modified the process of awarding the Pratt funds in 2011. The new process seeks proposals that enhance faculty programs in Animal Nutrition by aiding in the establishment of new interdisciplinary and externally-funded research, augmenting established funded research, or bridging gaps in projects between periods of extramural funding. Graduate student and visiting scholar support is a major component of these projects. In 2013 a total of 11 proposals were selected for funding by a review panel. The programs of 21 faculty members located in six different departments and two colleges are supported through these 13 projects. A total of 12 graduate students will also be supported by these projects, which brings the total current Pratt scholars to 20.

Direct support of stipends and operations and enhancement of graduate programs through equipment purchases and visiting scientists are the primary expenditures. The total net expenditure for fiscal year 2012-2013 was \$1,197,788 for the continuing program. The main categories of expenditures were as follows:

Fellowship Program (PhD & MS)	30.9%
Undergraduate Program Scholarships & Research	16.3%
Visiting Scholars and Seminars	2.6%
Equipment Purchases and Maintenance	36.7%
Nutrition Technicians	13.5%
Publications	0%

Fellowship Program

Budgeted: \$675,000 Spent: \$370,567

The Pratt Fellowship program has now matured and currently 20 scholars are enrolled in the program. These students are from several states and countries and are selected based on excellence in their academic and research accomplishments. They receive a PhD or MS stipend plus payment of all required tuition and fees. Additionally, each MS or PhD candidate receives \$2,000 or \$4,000 respectively to be used for operational expenses of their research programs.

Undergraduate Program Scholarships & Research

Budgeted: \$150,000 Spent: \$194,920

Over fifty outstanding freshmen students were awarded \$1,000 merit scholarships upon entering departments which offer programs in Animal Nutrition. In addition, ten Pratt Senior Animal Nutrition Research Scholars received scholarships (\$1,500) and research support (\$1,000). This exciting program allows outstanding seniors to participate in undergraduate research programs working directly with a faculty researcher. They report their research at a symposium each spring. Many of these students pursue graduate programs in Animal Nutrition.

This year a new Pratt initiative – Pratt Study Abroad – was introduced and available to students planning a study abroad experience that involved study or research related to animal nutrition in the summer or fall of 2013. \$10,000 was awarded for summer 2013. Many of this year's recipients traveled to the United Kingdom on a faculty-led study abroad class. The experience included study at three European colleges as well as tours of zoos and livestock operations.

Visiting Scholars & Seminars

Budgeted: \$24,000 Spent: \$31,634

An important stimulus for research programs in animal nutrition is the presence of visiting scientists in seminars, in the classroom, and in the laboratory. A nutrition seminar is regularly supported by Pratt to bring in outstanding speakers from other institutions and industry. Other scientists visit for periods of time ranging from a few days to several months. Visitors supported by Pratt present seminars for the university community and interact with animal nutrition faculty and students in formal and informal instructional settings including laboratories.

Equipment Purchases and Maintenance

Budgeted: \$323,065 Spent: \$439,200

Expenditures for equipment and research space renovations continued to emphasize the needs of programs focusing on animal nutrition from various units at the university. The small equipment (<10,000) needs were implemented based on the desire of the faculty to achieve the goals of the proposed projects. We also issued a request for proposals for large equipment that would impact the research programs of several faculty. Over 35% of these expenditures were devoted to purchasing new equipment to enhance animal nutrition programs. Most of the equipment purchased will be used as shared equipment among the interdisciplinary faculty groups working on these research projects.

Nutrition Technicians

Budgeted: \$120,000 Spent: \$161,467

Research technicians in the field of animal nutrition are a key component of Pratt funding. The Pratt funds provide partial support of three technicians in animal and dairy sciences. These technicians are essential in assisting with the necessary sample preparation and data summaries for research performed by the scientists engaged in animal nutrition projects in proteomics, ruminant nutrition, and nutrient management.

Research Publications

Budgeted: \$6,000 Spent: \$0

The program still allows for paying the costs of research journal articles resulting from student dissertations. Very few faculty members, however, request the payment of their publication costs from Pratt funds, mainly because they include the publication costs in their external grants. The Pratt funded faculty, are however, very productive and have published over 120 publications on animal nutrition over the past five years.

Summary

The Pratt funds continue to have significant impacts on the Virginia Tech programs in animal nutrition. The new process of awarding the Pratt funds to faculty, including the peer review process established for selection of proposals based on their scientific merits and potential to enhance animal nutrition programs, will greatly enhance the quality of the programs and enable the faculty to become more competitive for external funding at the national level. Approximately \$87,913 is to be carried over to fiscal year 2013-2014. The actual balance between our sponsored funds and the endowment income fund is \$101,630 but the difference is due to OSP billing errors and therefore is not a true reflection of what CALS is carrying forward into fiscal year 2013-2014. These funds are already allocated to multi-year projects that we recently funded using the new proposal review process.

For the Year Ended June 30, 2013 ANIMAL NUTRITION

<u>Income</u>

Balance, July 1, 2012	\$ 337,636
2012-13 Endowment Income	948,065

Total Available \$1,285,701

Expenditures

General Program Expenditures

Fellowship Program (PhD & MS)	\$ 370,567
Undergraduate Program Scholarships & Research	194,920
Visiting Scholars & Seminars	31,634
Equipment Purchases & Maintenance	439,200
Nutrition Technicians	161,467
Publications	-0-
OSP Billing Credit Related to ICTAS	(32,000)
OSP May Billing not Posted to CALS Funds	18,284

Total Expenditures \$1,184,072

Cattle Projects Expenses -0-

Total Expenditures \$1,184,072

Balance at June 30, 2013 to be carried to 2013-14 **\$ 101,629**

RECOMMENDATION:

That the 2012-13 Pratt Funds Activity Statement for Animal Nutrition be approved.

Agreement to Loan Funds to Virginia Tech Applied Research Corporation FINANCE AND AUDIT COMMITTEE

October 29, 2013

Virginia Tech's strategic plan reaffirms the institution's commitment to the expansion of the research enterprise through development of innovative and cutting edge technology in the areas of translational research and practical applications that serve to benefit the university, local communities, the commonwealth, and the nation. To promote the university's role in providing a pipeline for science and technology innovation that spawn new enterprises, §23-38.87:10 5 of Higher Education Opportunity Act of 2011 encourages the university to promote university-based research that produces outside investment in Virginia, fuels economic advances, triggers commercialization of new products and processes, fosters the formation of new businesses, leads businesses to bring their facilities and jobs to Virginia, and in other ways helps place the Commonwealth on the leading edge in the knowledge-driven economy. In pursuit of this vision, the Virginia Tech Applied Research Corporation (VT-ARC), formerly named Virginia Tech Research Corporation, was established in December 2009, as a private, non-stock, Virginia corporation. VT-ARC was approved as a university affiliated corporation by the Board of Visitors at the March 22, 2010 meeting.

The VT-ARC is one of the key strategies for growth in research through a corporate structure which enables the pursuit of research opportunities that cannot easily be accomplished within the university environment due to regulatory constraints that often accompany federal government contracts such as "time and materials" requirements. VT-ARC performs translational and applied research and development as an extension of the basic and scholarly research performed within Virginia Tech. The corporation pursues such research activities both independently and in collaboration with university faculty. Currently, VT-ARC's plans are to focus on research in the areas of intelligence, cyber security and information technology, defense and security, health, and energy.

VT-ARC began operations in 2011. The funding for the initial phase of the operations and the investment in equipment and specialized information technology infrastructure needed for the research programs was provided by the Virginia Tech Foundation (VTF). Since its formation, the corporation has established the infrastructure required to pursue government and private contracts. It was anticipated that initial funding from VTF would be sufficient and that the corporation would quickly generate revenues to become self-sufficient. However, VT-ARC's success in obtaining externally funded contracts has been slower than originally anticipated. In addition, its progress towards becoming self-sufficient has been adversely impacted by the slowdown of the economy and federal budget reductions. As a result, VT-ARC needs an investment of additional funds for working capital during this extended start-up period.

Accordingly, this agreement envisions providing start-up financing to provide working capital to the Virginia Tech Applied Research Corporation (VT-ARC).

Although the university frequently makes "internal loans" to operating units within the university to support start-up or operational costs related to the units or specific initiatives, this would be only the second time the university has made such a loan to an outside related organization. The university has earlier provided a similar loan to VTT, LLC to support its tire and automotive research activities.

The Restructuring Act of 2005 provides Level 3 institutions with the needed authority to execute such loan transactions. Specifically, under section 23-38.101 of the Restructuring Act titled "Creation of entities; participation in joint ventures", the Board of Visitors has authority to approve loans or obligate university funds to or on behalf of its affiliated organizations or joint venture activities. The referenced language under section 23-38.101 providing this authority to the Board of Visitors is displayed in Attachment A. Further, the university believes this action is an appropriate step for supporting the university's research mission through VT-ARC.

Therefore, the university requests authorization to provide a loan of up to \$2 million to VT-ARC to finance the working capital needs of VT-ARC as it develops and expands its research portfolio to the levels needed to become self-sustaining. This initiative is a significant investment of university resources for the achievement of university's strategic plan for research. This loan will be made in conjunction with the VTF. In October, 2013, the VTF executive committee approved a resolution extending the line of credit of up to an additional \$4 million with a provision for university involvement. The Foundation is authorized to provide the additional advance after the university has first provided its advance or to the extent the university is not able to provide an advance. Thus, the university and the VTF have arranged for sharing of this additional start-up funding to VT-ARC.

The basic conditions and requirements for this loan would include:

- the loan will be made in accordance with established university procedures for authorizing internal loans to operating units; however, since the VTF has an existing relationship with VT-ARC, the university plans to utilize the VTF as a fiscal agent for processing all loanrelated transactions.
- the VTF has issued bonds as a source of funds to finance a portion of the VT-ARC initiative. In addition to the bond funds, the VTF has issued a line of credit to fund the operating costs of VT-ARC. As VT-ARC generates sufficient revenues to start repayment on the loans, the VTF bond funds will be the first in priority for repayment; however, the university's loan to VT-ARC will be on the same parity for repayment as all the other funds utilized for the VTF line of credit.

- the loan will carry an interest rate consistent with the interest rate on the VTF line of credit. The loan repayment schedule will also be consistent with the VTF negotiated terms for the line of credit. It is anticipated that the repayment on the university's loan will begin no later than July 2022, but this date could be accelerated or delayed depending upon the operating and financial performance of VT-ARC.
- the loan would be underwritten by the university's research overhead funds, a nongeneral fund revenue source, and
- the loan is being made pursuant to the understanding that VT-ARC will establish
 performance milestones and that advances against this loan as well as the VTF funds will
 be contingent upon setting and achieving of these milestones. The VT-ARC Board of
 Directors will be monitoring the performance of VT-ARC against these milestones.

The Vice President for Finance and Chief Financial Officer, in coordination with the Chief Executive Officer of the Virginia Tech Foundation, will be responsible for finalizing these terms, authorizing specific advances, and may alter the terms as needed in the future to achieve the objectives of this research initiative. As stated above, the terms will also include the achievement of performance milestones. The performance milestones will be negotiated and approved by the VT-ARC board of directors. The university Chief Financial Officer will coordinate these loan and letter of credit activities with the Chief Executive Officer of the Virginia Tech Foundation.

RESOLUTION FOR AUTHORITY TO EXECUTE AGREEMENTS TO LOAN FUNDS TO VIRGINIA TECH APPLIED RESEARCH CORPORATION

WHEREAS, the university's strategic plan envisions the expansion of the research enterprise through development of innovative and cutting edge technology; and

WHEREAS, the university established Virginia Tech Applied Research Corporation (VT-ARC) as a university related corporation to access research opportunities not easily accomplished within the university structure and to leverage the basic and scholarly research performed within the university; and

WHEREAS, the VT-ARC anticipates obtaining significant external research funding both independently and in collaboration with university faculty through operation of unique facilities to perform applied and basic research in intelligence, cyber security and information technology, defense and security, health, and energy; and

WHEREAS, the university requested that the Virginia Tech Foundation, Inc. (VTF) provide the initial capital for operations and information technology infrastructure with the intent that such funds will be repaid from the future operations of VT-ARC; and

WHEREAS, the VT-ARC has developed needed contracting and facilities infrastructure and is now successfully competing for externally funded research grants and contracts at an increasing level, and

WHEREAS, the VT-ARC is still in the latter phases of its start-up activities, is adversely impacted by the slowdown in government contracting, and is not yet generating sufficient working capital to fully support ongoing operations; and

WHEREAS, the university desires to partner with the VTF to support VT-ARC through the provision of funding from nongeneral fund sources of up to \$2 million in loans to finance ongoing operations of the VT-ARC to provide VT-ARC the opportunity to reach a sustainable level of external grants and contracts funding; and

WHEREAS, the university will utilize the VTF as a fiscal agent for processing all loan related transactions with VT-ARC; and

WHEREAS, the university loan repayment schedule will be consistent with the terms negotiated by the VTF for its line of credit with VT-ARC; and

WHEREAS, under section 23-38.101 of Restructured Higher Education Financial and Administrative Operations Act of the Code of Virginia the Board of Visitors has the authority to authorize such transactions.

NOW, THEREFORE BE IT RESOLVED, that the Board of Visitors authorizes, at the President's discretion, the negotiation and execution of a line of credit and the related promissory notes and loan agreements for start-up financing from the university to VT-ARC for up to \$2 million to be repaid with interest by VT-ARC.

FURTHER RESOLVED, the Vice President of Finance and Chief Financial Officer, in coordination with the Chief Executive Officer of Virginia Tech Foundation, Inc. is authorized to structure the loan including repayment terms, and to execute the loan transactions to VT-ARC, contingent upon the setting and achieving of certain performance milestones by VT-ARC, as determined by their Board of Directors.

RECOMMENDATION:

That the resolution authorizing, at the President's discretion, the negotiation and execution of a line of credit and the related promissory notes and loan agreements for start-up financing from the university to VT-ARC for up to \$2 million to be repaid with interest by VT-ARC, be approved.

November 18, 2013

ATTACHMENT A

Agreement to Loan Funds to VT-ARC Excerpt from Restructuring Act

§ 23-38.101. Creation of entities; participation in joint ventures.

A. A covered institution may create or assist in the creation of; may own in whole or in part or otherwise control; may participate in or with any entities, public or private; and may purchase, receive, subscribe for, own, hold, vote, use, employ, sell, mortgage, lend, pledge, or otherwise acquire or dispose of any (i) shares or obligations of, or other interests in, any entities organized for any purpose within or without the Commonwealth, and (ii) obligations of any person or corporation. No part of the assets or net earnings of such institution shall inure to the benefit of, or be distributable to, any private individual, except that reasonable compensation may be paid for services rendered to or for such institution in furtherance of its public purposes, and benefits may be conferred that are in conformity with said purposes.

B. A covered institution may participate in joint ventures with individuals, corporations, governmental bodies or agencies, partnerships, associations, insurers or other entities to facilitate any activities or programs consistent with the public purposes and intent of this subchapter.

C. A covered institution may create or continue the existence of one or more nonprofit entities for the purpose of soliciting, accepting, managing, and administering grants, gifts and bequests, endowment gifts and bequests, and gifts and bequests in trust.

D. In carrying out any activities authorized by this subchapter, a covered institution may provide appropriate assistance, including (i) making loans from its funds, other than general fund appropriations or proceeds of bonds issued under Article X, Section 9(a), 9(b), or 9(c), or 9(d), if such issuance is Commonwealth general fund supported, of the Constitution of Virginia, and (ii) providing the time of its employees to corporations, partnerships, associations, joint ventures or other entities, whether or not such corporations, partnerships, associations, joint ventures or other entities are owned or controlled in whole or in part, directly or indirectly, by such institution.

RESOLUTION ON REVISIONS TO ATHLETIC SPORTING EVENT BONUS POLICY AND PROCEDURE STATEMENT

WHEREAS, in November 2009, the Board delegated the approval of all bonus payments to Intercollegiate athletics and related personnel to the President; and

WHEREAS, the Board of Visitors ratifies the bonus payments to athletics personnel on the quarterly personnel changes report; and

WHEREAS, the Department of Athletics has operated under the current Athletic Sporting Event Bonus Policy and Procedure Statement for the past five years; and

WHEREAS, the Department of Athletics recently conducted a study of bonus practices at certain Atlantic Coast Conference (ACC) and similar institutions; and

WHEREAS, the Department of Athletics desires to update the current Athletic Sporting Event Bonus Policy and Procedure Statement to provide a compensation structure that is competitive with other ACC and similar institutions; and

WHEREAS, the cost of additional compensation can be funded through existing resources of the Department of Athletics; and

WHEREAS, the university administration has reviewed the proposal and approves the changes to the Athletic Sporting Event Bonus Policy and Procedure Statement; and

WHEREAS, the athletic sporting event bonus payments will continue to be approved by the President and will be ratified by the Board on the quarterly personnel changes report;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors approve the revisions to the Athletic Sporting Event Bonus Policy and Procedure Statement.

RECOMMENDATION:

That the Board of Visitors approve the revisions to the Athletic Sporting Event Bonus Policy and Procedure Statement.

November 18, 2013

ATHLETIC SPORTING EVENT BONUS POLICY AND PROCEDURE STATEMENT

The Virginia Tech Athletic Department's sports programs often become eligible to participate in post-season bowls, tournaments, and other athletic sporting events. Awarding bonuses for tournament, bowl, or other competitions held outside of the regular scheduled season of play to coaching and administrative staff is an integral part of some employment contracts written for Athletic Department personnel, and is used as a retention mechanism for those who function without an employment contract. Therefore, a policy and procedure statement regarding the processing of such awards is appropriate to ensure the timely payment of these bonuses to Athletic Department personnel.

I. Procedures to Initiate and Approve Athletic Event Bonuses:

A. Contractual Bonus

- 1. Bonuses will be paid to those employees whose contracts expressly state that they are to receive a bonus based on bowl, tournament or other sports competition, and will be paid to employees named in the head coaches' contracts as also being eligible for a bonus.
- 2. Bonus payment amounts will be in accordance with coaches' employment contracts.
- Any bonus(es) which may be given over and above the amount stated in the contract(s) will follow the same approval process as that of a noncontractual bonus.

B. Non-contractual Bonus

- Bonuses may be paid to other employees recommended by the Director of Athletics and approved by the President in recognition of their efforts on behalf of the department.
- Bonus payment amounts will generally be in an amount equivalent to onemonth's salary, unless otherwise agreed to by the Director of Athletics and the President.

C. Atlantic Coast Conference (ACC) Championship Bonus

- 1. Bonuses will be paid to Olympic Sport Coaches for winning ACC Team Championships as defined by the ACC.
- 2. Head Coaches will be paid \$8,000 and Associate Coaches/Assistant Coaches occupying an NCAA Coaching designation per bylaw 11.7.4 will be paid \$4,000.

D. NCAA Individual National Championship Bonus

- 1. Bonuses will be paid to Olympic Sport Coaches for winning NCAA Individual Event National Titles.
- 2. Head Coaches will be paid \$3,000 and Event Coaches occupying an NCAA Coaching designation per bylaw 11.7.4 will be paid \$3,000.

Presentation Date: November 18, 2013

E. NCAA Post Season Team Bonus

- 1. Bonuses will be paid to Olympic Sport Coaches for competing in NCAA post season Team Championships.
- 2. Head Coaches and Associate Head Coaches/Assistant Coaches occupying an NCAA Coaching designation per bylaw 11.7.4 in the sports of Baseball, Softball, Golf, Lacrosse, Soccer (men's and women's), Tennis (men's and women's), Volleyball, Swimming and Diving (men's and women's), Track and Field (men's and women's), Cross Country (men's and women's), and Wrestling, will be paid the following. The bonus is not cumulative; head coaches, associate head coaches, and assistant coaches will be paid the respective amount in accordance with how their team finished post-season play.

	Head Coach	Associate Head Coach/ Assistant Coach
Baseball, Softball		
Regional Appearance	\$ 4,000	\$ 2,000
Super Regional Appearance	7,500	4,500
World Series Appearance	10,000	6,000
Top 4 Finish	15,000	7,500
National Championship	25,000	10,000
Soccer, Tennis (Men's &		
Women's), Volleyball, Lacrosse		
NCAA Field	\$ 4,000	\$ 2,000
Advance to Round of 16	7,500	4,500
Advance to Round of 8	10,000	6,000
Top 4 Finish	15,000	7,500
National Championship	25,000	10,000
Swimming & Diving, Track &		
Field (Men's & Women's),		
Wrestling		
Top 25 Finish	\$ 4,000	\$ 2,000
Top 20 Finish	7,500	4,500
Top 10 Finish	10,000	6,000
Top 5 Finish	15,000	7,500
National Championship	25,000	10,000

Presentation Date: November 18, 2013

	Head Coach	Associate Head Coach/ Assistant Coach
Cross Country (Men's & Women's)		
Advance - NCAA Field of 31 teams	\$ 4,000	\$ 2,000
Top 20 Finish	7,500	4,500
Top 10 Finish	10,000	6,000
Top 5 Finish	15,000	7,500
National Championship	25,000	10,000
Golf		
Regional Appearance	\$ 4,000	\$ 2,000
Advancement to Championship site	7,500	4,500
Top 8 Finish	10,000	6,000
Top 4 Finish	15,000	7,500
National Championship	25,000	10,000

F. Marching Virginians Bonus

- 1. Bonuses will be paid to the Director and the Assistant Director of the Marching Virginians involved in post-season football bowls.
- 2. A bonus of \$6,000 for Bowl Championship Series competition, \$5,000 for Gator, Champs Sports Bowl, Chick-fil-A Bowl, or comparable bowl competition, and \$4,000 for other bowl competition will be paid to the Director of the Marching Virginians.
- 3. A bonus of \$4,000 for Bowl Championship Series competition, \$3,000 for Gator Bowl, Champs Sports Bowl, Chick-fil-A Bowl, or comparable bowl competition, and \$2,000 for other bowl competition will be paid to the Assistant Director of the Marching Virginians.

II. Funding and Payment of Athletic Sporting Event Bonuses:

All bonus payments will be funded from funds that are budgeted for that purpose and will not affect base salaries. Payments for both contractual and non-contractual bonuses will be processed by the Athletic Department for approval by the Athletic Director and the President, immediately following the pre- or post season sporting event. The Board of Visitors will review the bonus payment, as part of the quarterly personnel changes report, for ratification at their next regularly scheduled Board meeting. In the event that funding is not available, non-contractual bonuses will not be paid.

Capital Project Resolution for Acquisition of 601 Prince Street

JOINT FINANCE AND AUDIT COMMITTEE AND BUILDINGS AND GROUNDS COMMITTEE

October 10, 2013

The College of Architecture and Urban Studies operates a program in Alexandria, Virginia known as the Washington-Alexandria Architecture Center. The Center, established in 1980, offers graduate studies in Architecture and Landscape Architecture with current enrollments of 230 students. The location adjacent to the Washington, D.C. metropolitan region allows students to address the complexities of urban areas, using the region as a resource laboratory for design and research.

One of the Center's primary academic facility needs has been accommodated by a 5,000 foot lease space at 901 Prince Street, Alexandria Virginia; this is a partial lease of the 10,000 square foot building. The landscape program desires to grow enrollments and is constrained by the lack of available and suitable space. The program also desires a permanent location without the risk of continuation of future leases. The program has worked with the university and the Virginia Tech Foundation (Foundation) to explore alternatives to support program growth in permanent space. The alternatives to leasing available in the market that meet the program's needs include purchasing the existing 901 Prince Street location or a nearby facility of 12,000 useable square feet at 601 Prince Street in Alexandria, Virginia.

After review and consideration of the options, the university determined that the most effective solution for the program was the purchase and renovation of the 601 Prince Street location, provided the acquisition and renovations could be reached at an affordable price. The Foundation has successfully negotiated a price within the total price approved by the university. The university has developed a long-range funding plan, which is supported by funds from terminating the 901 Prince Street lease and projects and from the overall growth in the program supported by expanding program enrollments.

Under the acquisition plan, the Foundation will hold ownership of the 601 Prince Street property and the university will enter into a long-term lease with the Foundation for use of the property. The lease with the Foundation will be structured to ensure that the lease payments are sufficient but not beyond the amounts needed to cover the costs incurred by the Foundation. After the retirement of any debt for acquisition and renovation costs, the lease will revert to the usual and customary property carrying costs for operations and maintenance.

Under the 2006 Management Agreement between the Commonwealth of Virginia and the university, the Board of Visitors has the authority to approve the budget, size, scope, debt issuances, and overall funding of nongeneral fund capital outlay projects, including capital leases. This request is for authorization to enter into a capital lease with the Foundation for 601 Prince Street Alexandria, Virginia at an acquisition cost not to exceed \$2.95 million including purchase, repairs, and code compliance costs.

RESOLUTION OF A CAPITAL LEASE FOR ACQUISITION OF 601 PRINCE STREET

WHEREAS, the Washington-Alexandria Architecture Center program, established 1980, is an essential component of the College of Architecture and Urban Studies and is located adjacent to the Washington, D.C. metropolitan region; and,

WHEREAS, the landscape program has been housed in 5,000 square feet of leased space at 901 Prince Street and requires additional space to accommodate enrollment growth; and,

WHEREAS, the program desires permanent space without risk of continuation of future leases; and,

WHEREAS, the university, and the Virginia Tech Foundation have jointly identified an effective solution at an affordable price; and,

WHEREAS, the solution calls for the Virginia Tech Foundation to acquire and hold ownership of 601 Prince Street, Alexandria, Virginia and for the university to lease the facility; and,

WHEREAS, the lease rates will be based on a break-even arrangement with the rates reverting to usual and customary property carrying costs for operations and maintenance after the retirement of any debt for acquisition and renovation costs; and,

WHEREAS, the university has developed a funding plan that includes resources sufficient to support the lease; and,

WHEREAS, the anticipated lease arrangements meet the Generally Accepted Accounting Principles (GAAP) capital lease definition; and,

WHEREAS, under the 2006 Management Agreement between the Commonwealth of Virginia and the university, the Board of Visitors has authority to approve the budget, size, scope, debt issuances, and overall funding of nongeneral funded capital outlay projects, including capital leases;

NOW, THEREFORE, BE IT RESOLVED, that the university be authorized to move forward on transactions with the Virginia Tech Foundation to lease 601 Prince Street, inclusive of a capital lease, at total project cost inclusive of acquisition, repairs, and code compliance not to exceed \$2.95 million.

RECOMMENDATION:

That the resolution authorizing Virginia Tech to enter into a capital lease with the Virginia Tech Foundation for 601 Prince Street be approved.

November 18, 2013

Capital Project for Sitework for the Marching Virginians Practice Facility

JOINT FINANCE AND AUDIT COMMITTEE AND BUILDINGS AND GROUNDS COMMITTEE

October 30, 2013

In September 2013, the Board of Visitors approved a \$400,000 planning project for the Marching Virginians Practice Facility. The overall project scope includes an approximately 4,330 gross square foot building, a minimum 3,500 gross square foot outdoor covered pavilion attached to the main building, and a soccer-size artificial turf field with lighting.

The project delivery method for the building construction is intended to be Design-Bid-Build. Planning work is underway with an expected construction start in March 2014 for the main building and covered pavilion, pending approval of the design and a construction funding authorization by the Board of Visitors in March 2014. The main building and covered pavilion are expected to be complete and ready for use in early 2015.

The desired date for use of the practice field is ahead of the building construction to accommodate use during 2014 fall semester classes. A construction start date in March 2014 will not provide sufficient time to accommodate the necessary grading and sitework and meet the desired field use date of August 25, 2014. To ensure the practice field is ready for use when school opens in fall 2014, grading and sitework must begin prior to March 2014.

The cost estimate for the proposed grading and sitework is \$800,000. This request is to supplement the existing \$400,000 planning authorization with \$800,000 to initiate grading and sitework for an adjusted total project authorization of \$1,200,000. Funding sources are available and sufficient to cover these costs. A subsequent request for the remainder of the project construction cost may be submitted in March 2014 after the building design has progressed.

Under the 2006 Management Agreement between the Commonwealth of Virginia and the university, the Board of Visitors has the authority to approve the budget, size, scope, and funding of nongeneral fund capital outlay projects. This request is for a \$800,000 sitework authorization to supplement the existing \$400,000 planning authorization for the project.

RESOLUTION ON CAPITAL PROJECT FOR SITEWORK FOR THE MARCHING VIRGINIANS PRACTICE FACILITY

WHEREAS, the Board of Visitors approved a \$400,000 planning project for the Marching Virginians Practice Facility in September 2013; and,

WHEREAS, the proposed project includes an approximately 4,300 gross square foot building, a minimum 3,500 gross square foot outdoor covered pavilion attached to the main building, and, a soccer-size artificial turf field with lighting; and,

WHEREAS, the project delivery method is intended to be Design-Bid-Build; and,

WHEREAS, planning work is underway for the main building and covered pavilion with an expected construction start in March 2014 and expected completion date in summer 2015; and,

WHEREAS, the desired date for use of the practice field component is the opening of classes, fall semester 2014; and,

WHEREAS, sitework for the practice field must begin before March 2014 to ensure the practice field is ready for use when school opens in fall 2014; and,

WHEREAS, the cost estimate for sitework is \$800,000 and the university has developed a 100 percent nongeneral fund resource plan to support the costs; and,

WHEREAS, under the 2006 Management Agreement between the Commonwealth of Virginia and the university, the Board of Visitors has authority to approve the budget, size, scope, and funding of nongeneral funded major capital outlay projects; and,

WHEREAS, the university may address minor cost variances provided sufficient funds are available to support the full project costs;

NOW THEREFORE BE IT RESOLVED, that the university be authorized to supplement the existing \$400,000 planning authorization with \$800,000 for grading and sitework for the Marching Virginians Practice Facility funded entirely with nongeneral fund revenues.

RECOMMENDATION:

That the resolution authorizing Virginia Tech to implement grading and sitework improvements for the Marching Virginians Practice Facility be approved.

November 18, 2013

Committee Minutes

Committee on Research

Solitude Room The Inn at Virginia Tech and Skelton Conference Center 4:15-5:45 p.m.

November 17, 2013

Committee Members Present:

Mr. John Lee, Chair

Dr. Nancy Dye

Dr. William Holtzman

Mr. John G. Rocovich, Jr.

Mr. Dennis Treacy

Guests:

Dr. Charles Steger, Dr. Mark McNamee, Dr. Robert Walters, Mr. Dwight Shelton Jr., Mr. James L. Chapman, Dr. Mr. William D. Fairchild III, Mr. Cordel L. Faulk, Mr. B. Keith Fulton, Mr. John C. Lee, IV, Ms. Deborah Petrine, Dr. Michael Quillen, Ms. Suzanne Obenshain, Dr. Thomas Ryan, Mr. Stephen Sturgis, Mr. Ralph Byers, Mr. Martin Daniel, Mr. Viet Bien Doung, Dr. Paul Estabrooks, Ms. Natalie Hart, Ms. Kay Heidbreder, Ms. Elizabeth Hooper, Dr. William Knocke, Dr. Joseph Merola, Dr. Scott Midkiff, Ms. Kim O'Rourke, Mr. John Pastor, Ms. Sue Teel, Ms.. Erica Wood, Mr. Nick Warrington, Dr. Sherwood Wilson, and Ms. Beth Tranter.

- 1. **Opening Remarks and Approval of September 8, 2013 Minutes.** Mr. Lee welcomed those in attendance. The minutes were unanimously approved.
- Remarks from the President. Dr. Steger welcomed those in attendance. Dr. Steger reiterated the importance of continued targeted infrastructure investment in in order to support the future growth of the research enterprise.
- 3. **Life Cycle of A Sponsored Project (Research Administration):** Due to time constraints, this presentation has been postponed, and will be presented at the March 2014 meeting of the Research Committee.
- 4. Fralin Translational Obesity Research Center (Research Initiatives): Dr. Paul Estabrooks, co-Director, provided an overview of the Fralin Translational Obesity Research Center, which was established in December 2012. Dr. Estabrooks reviewed the importance of speeding the translation of obesity research into practice, while also providing a platform to train new investigators in translational obesity research methods. An additional goal of the Center is to support clinical

and community organizations in implementing and sustaining effective and broad reaching obesity-related programs, policies, and practices.

5. Adjournment.

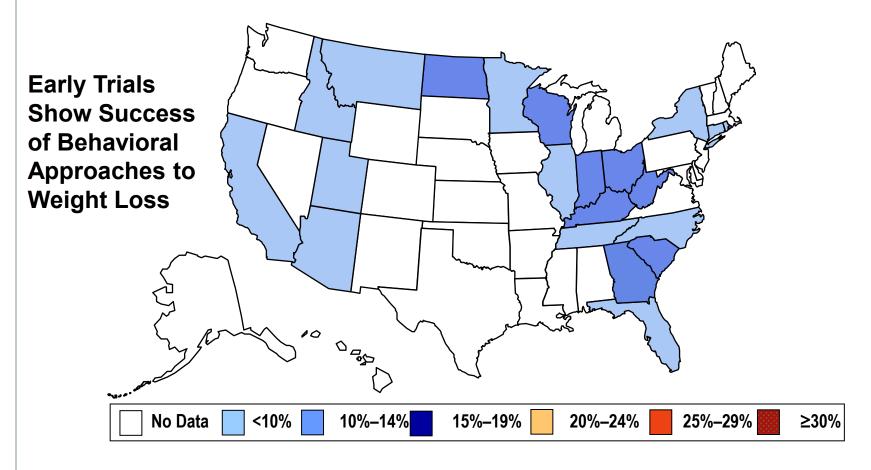
There being no further business, the meeting adjourned at 5:45 p.m.



Paul Estabrooks, PhD Kevin Davy, PhD

Obesity Trends* Among U.S. Adults

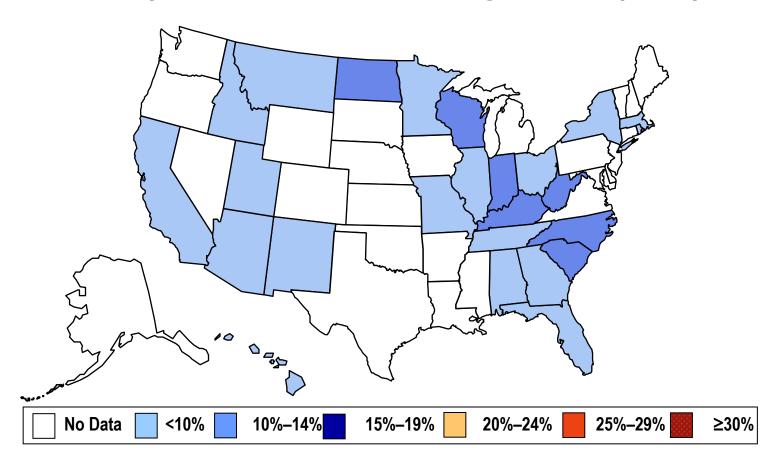
BRFSS, 1985 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)





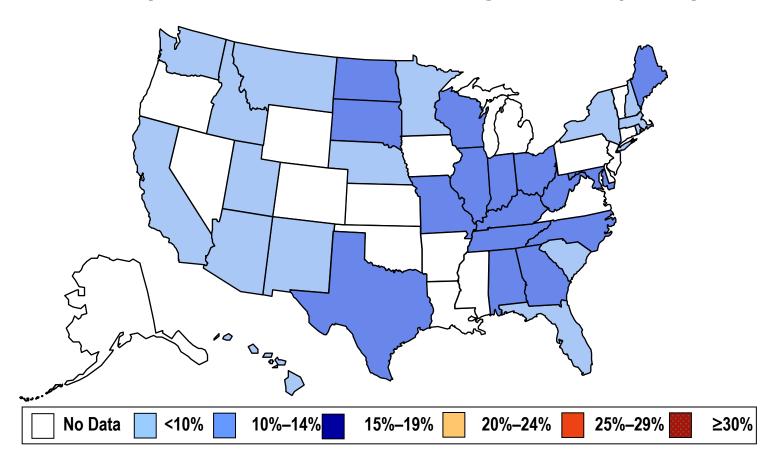
Obesity Trends* Among U.S. Adults

BRFSS, 1986 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



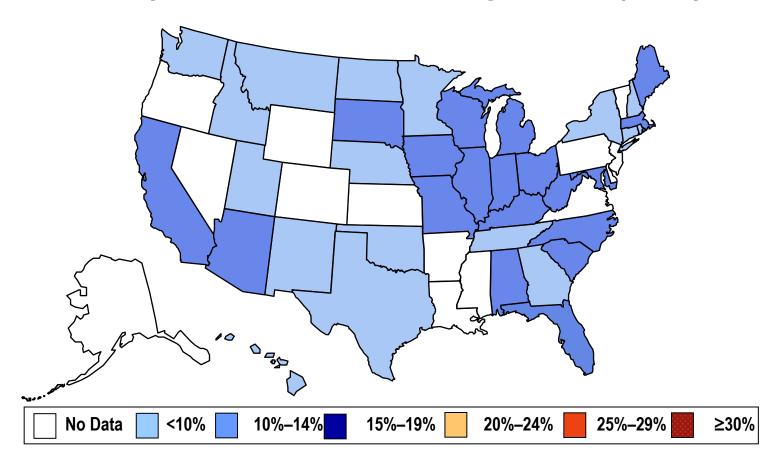


BRFSS, 1987 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



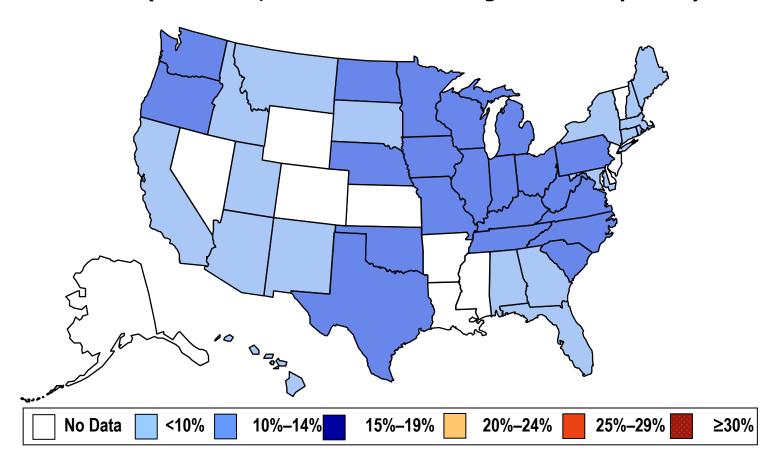


BRFSS, 1988 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



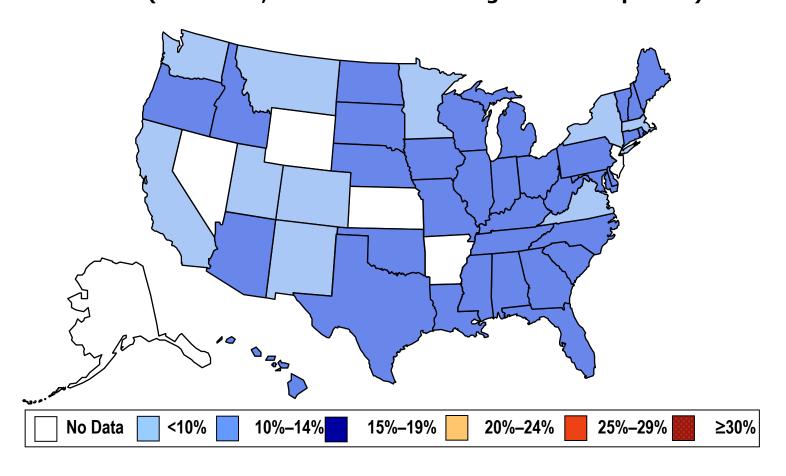


BRFSS, 1989 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)





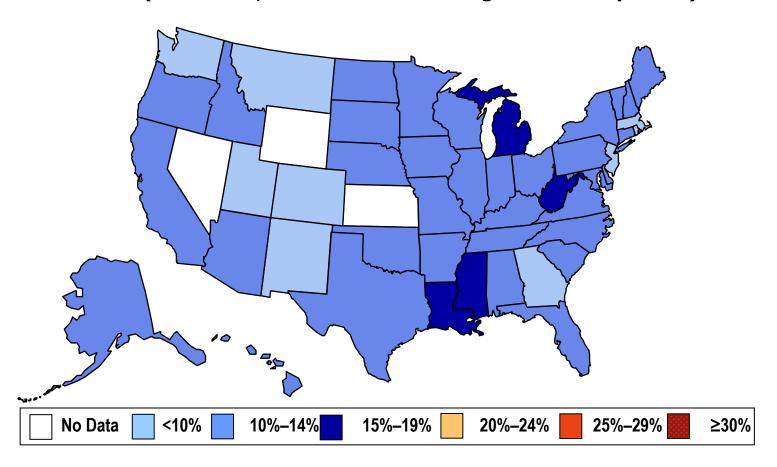
BRFSS, 1990 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)





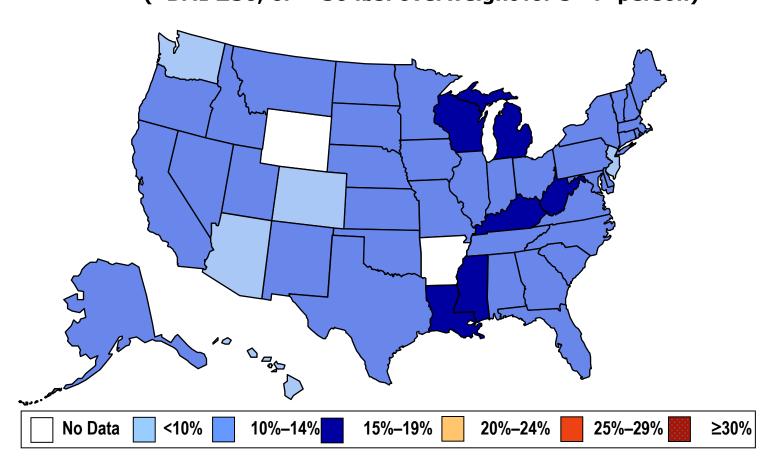


BRFSS, 1991 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



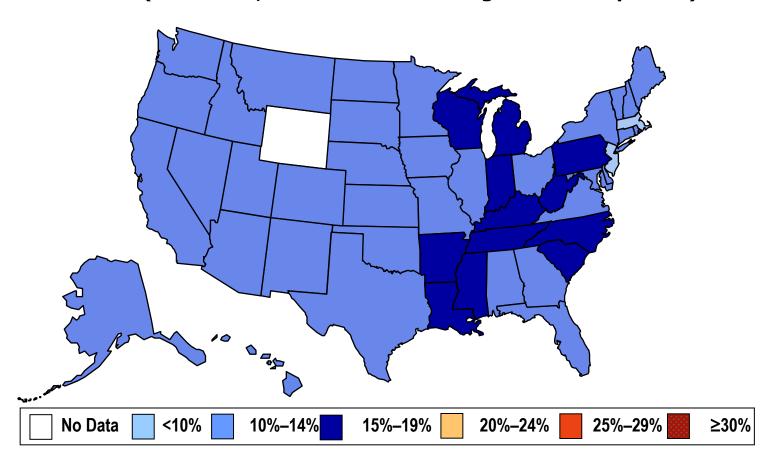


BRFSS, 1992 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



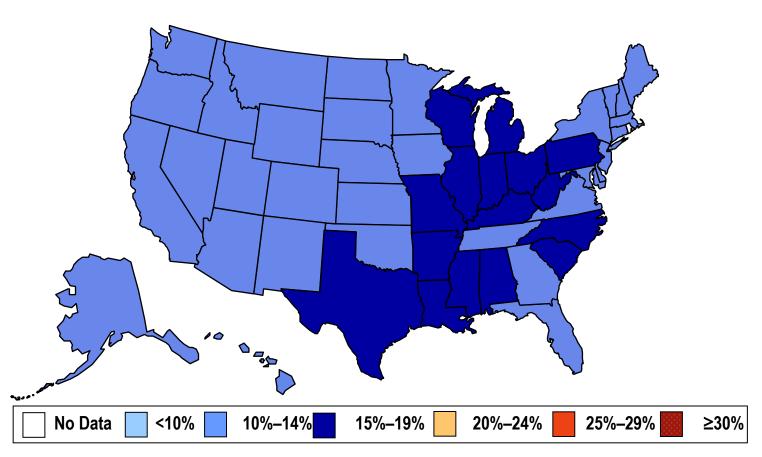


BRFSS, 1993 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



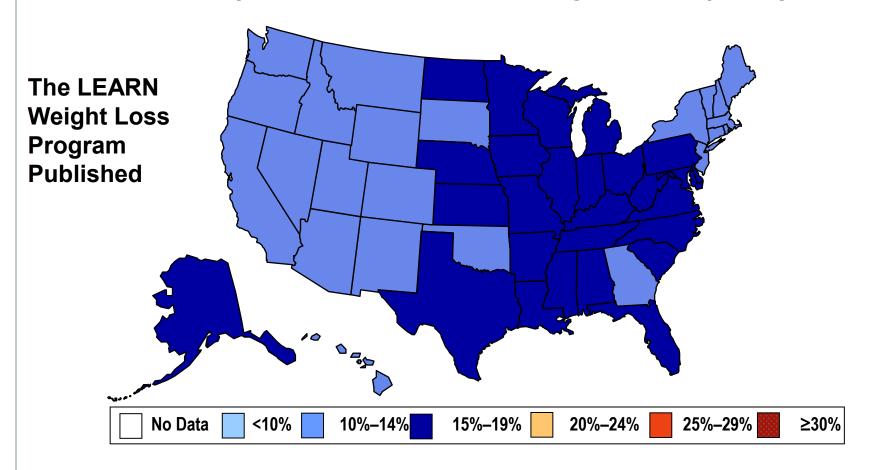


BRFSS, 1994 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



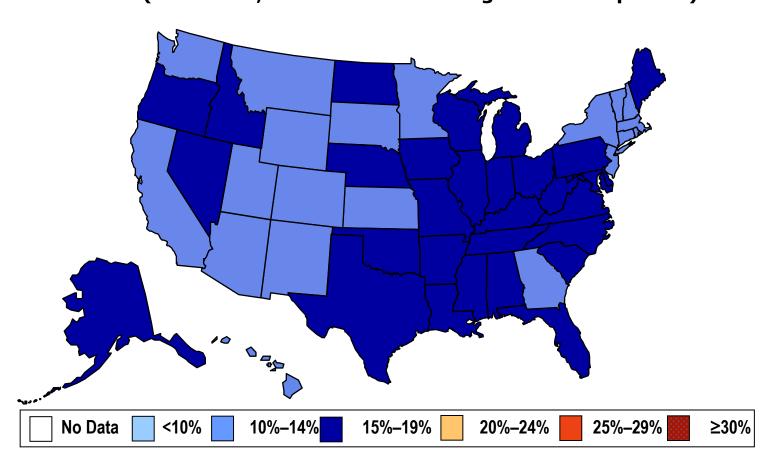


BRFSS, 1995 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



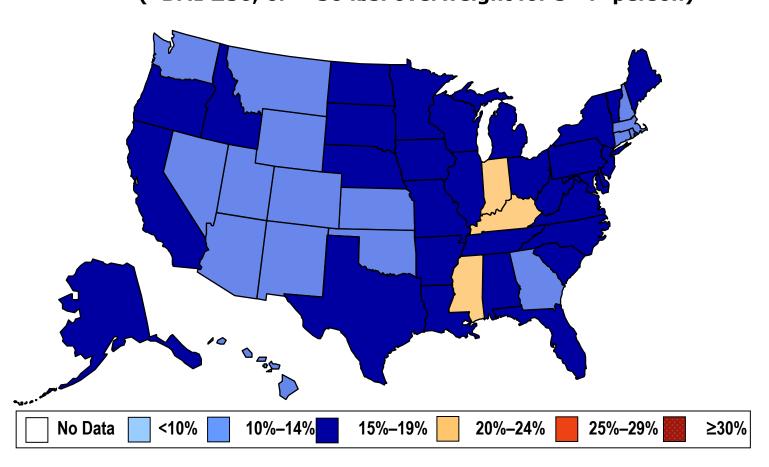


BRFSS, 1996 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



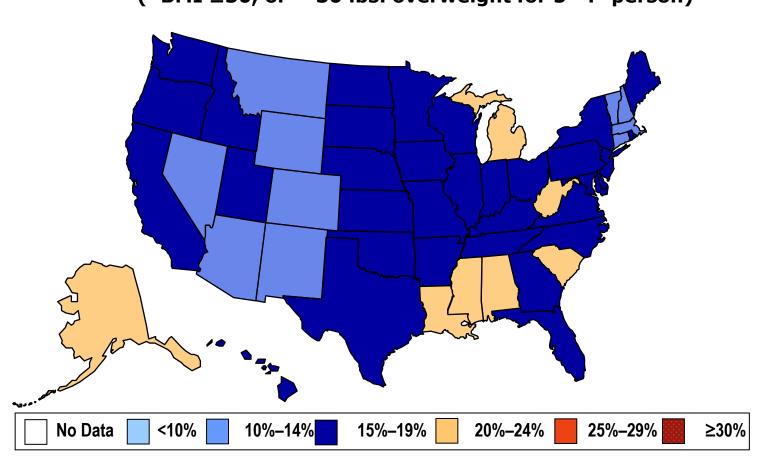


BRFSS, 1997 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



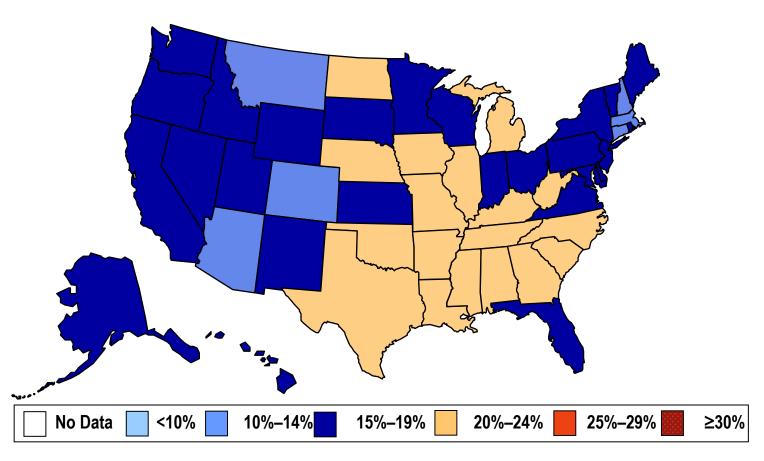


BRFSS, 1998 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



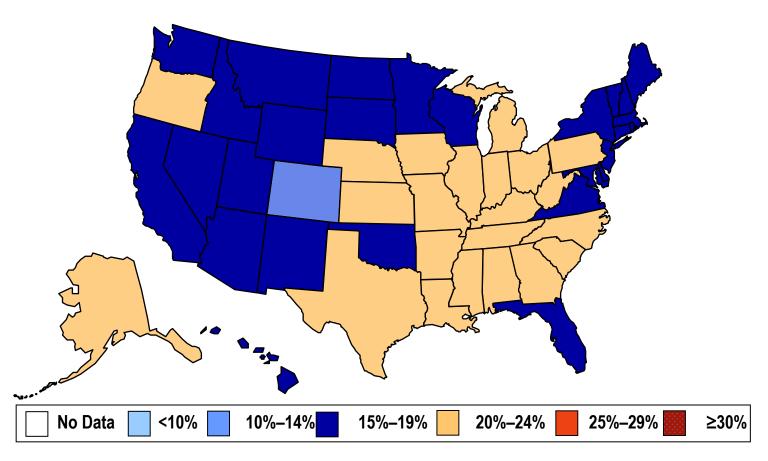


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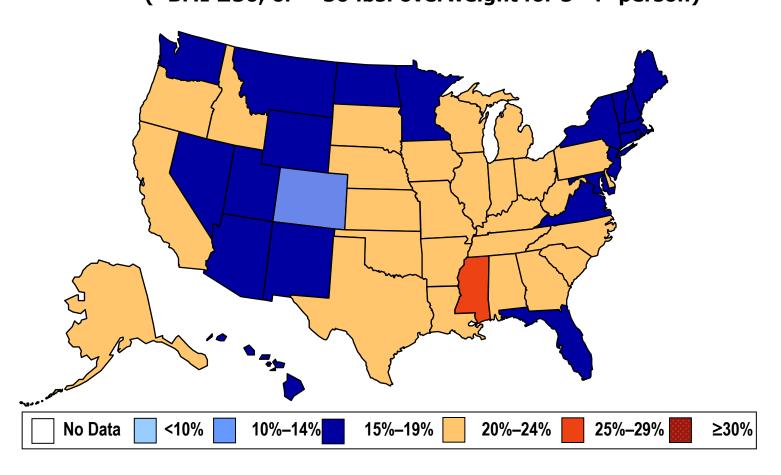


BRFSS, 2000 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



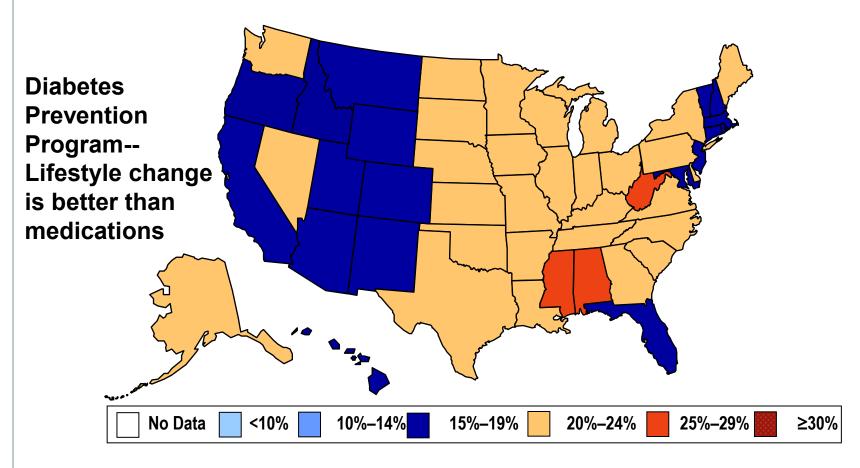


BRFSS, 2001 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



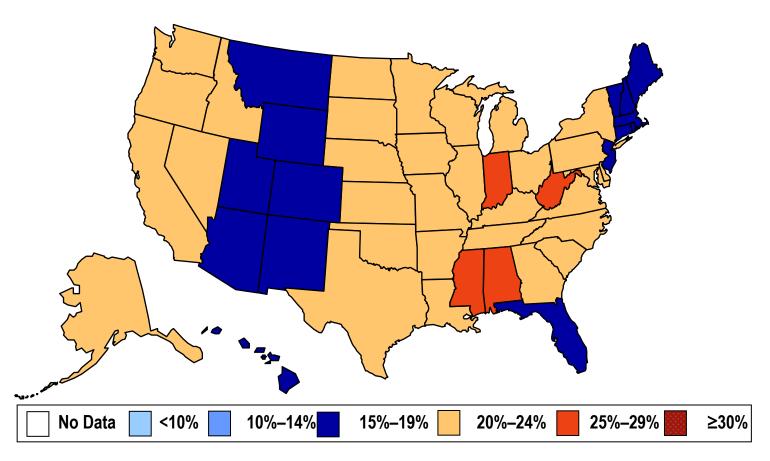


BRFSS, 2002 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



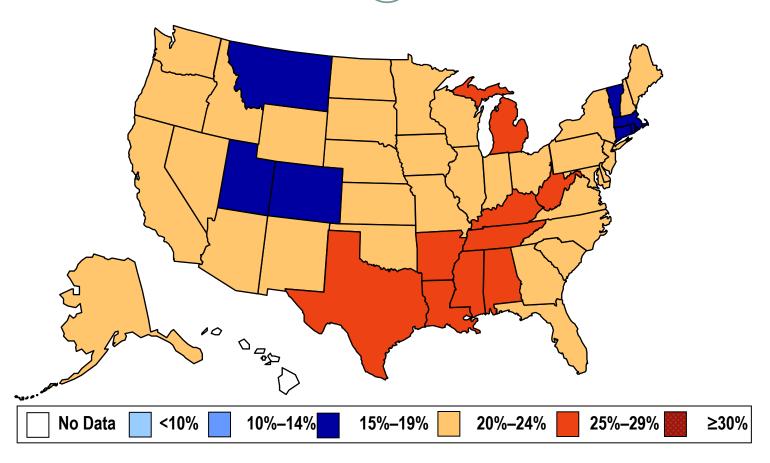


BRFSS, 2003 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



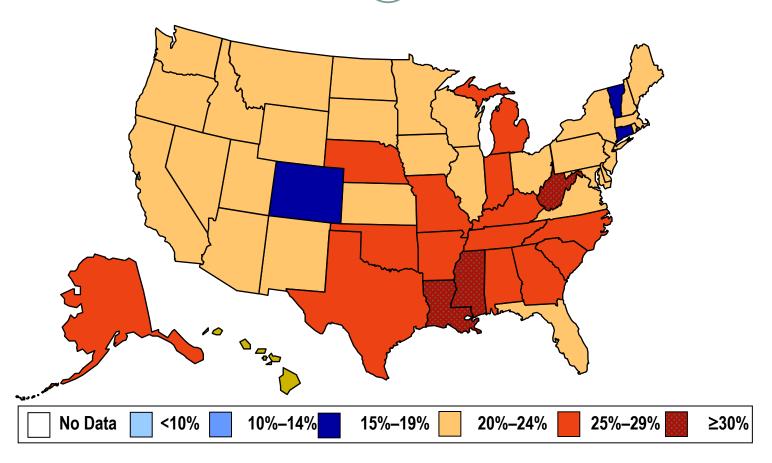


BRFSS, 2004 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



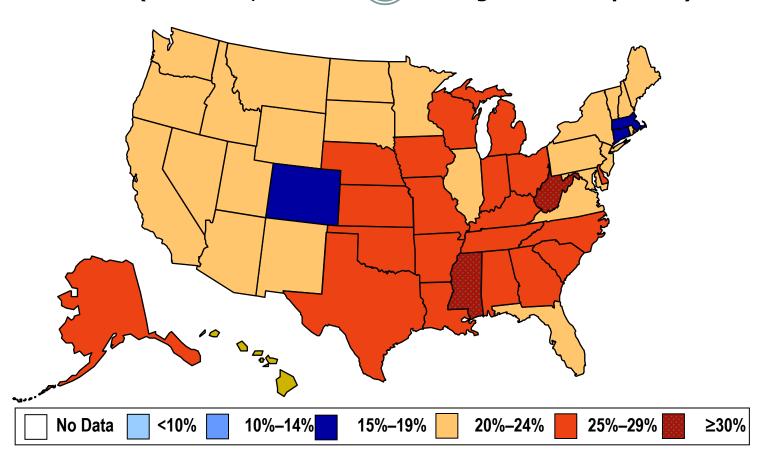


BRFSS, 2005 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



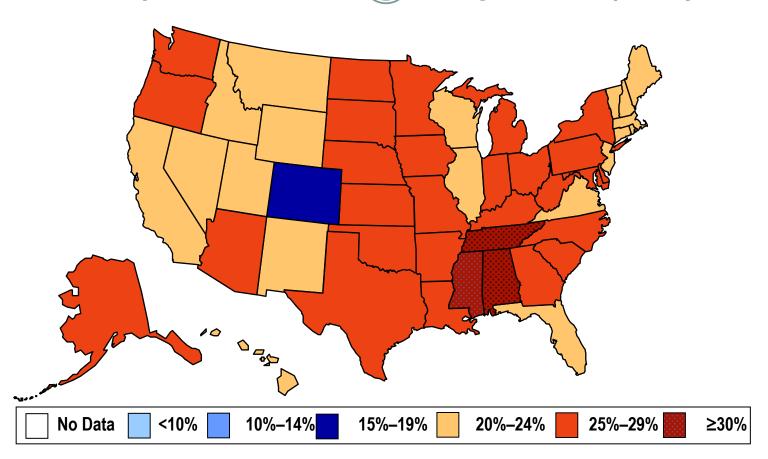


BRFSS, **2006** (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



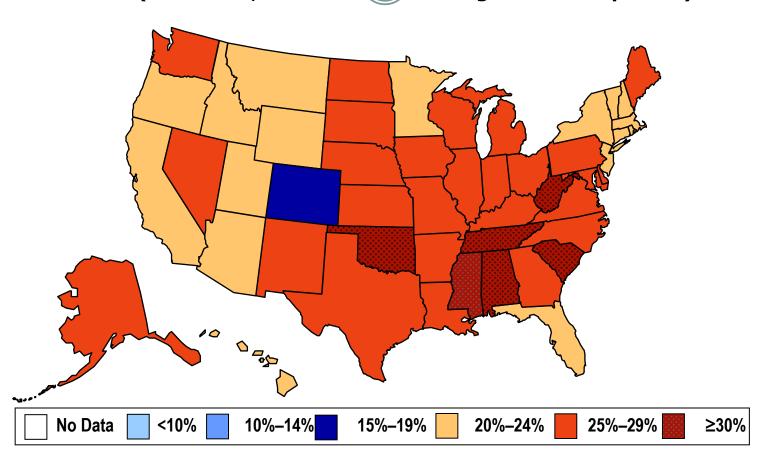


BRFSS, **2007** (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



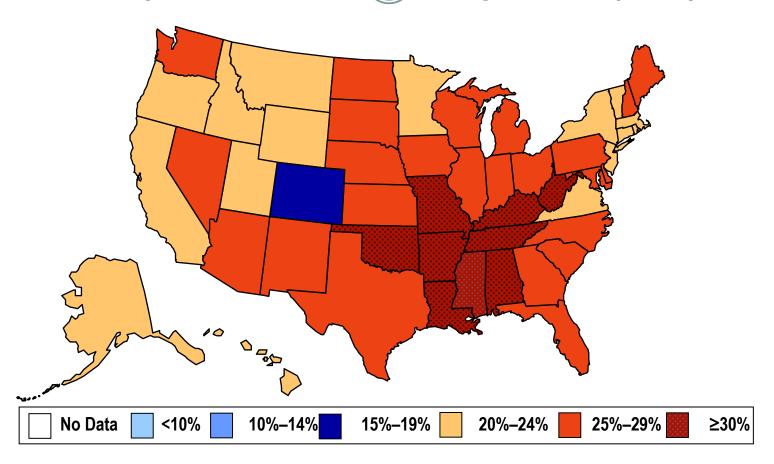


BRFSS, 2008 (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)



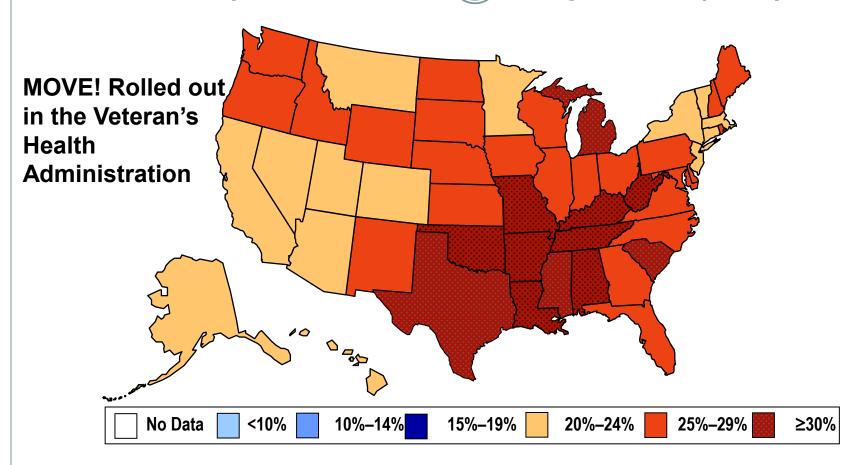


BRFSS, 2009
(*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)





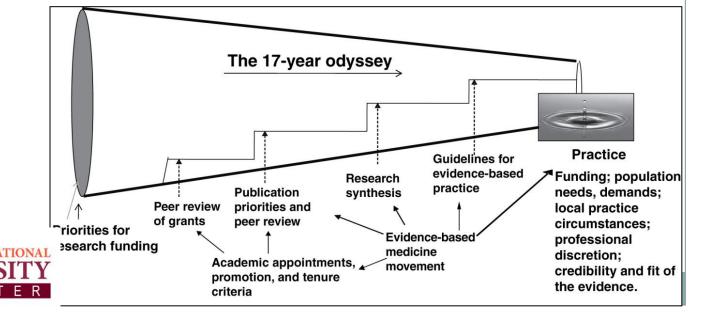
BRFSS, **2010** (*BMI ≥30, or ~ 30 lbs. overweight for 5' 4" person)





What is the Point?

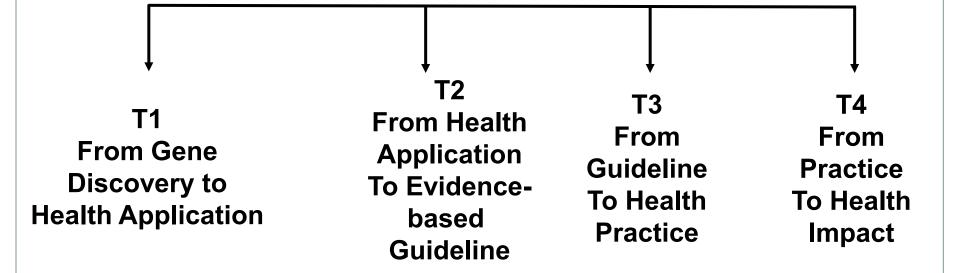
- Obesity is PREVALENT
- Efficacy research is AVAILABLE
- Translation of research into practice is SLOW





TO ESTABLISH A NATIONALLY RECOGNIZED AND FEDERALLY FUNDED CENTER OF EXCELLENCE FOCUSED ON IMPROVING HEALTH AND QUALITY OF LIFE IN THE COMMONWEALTH AND THE NATION BY REDUCING OBESITY AND ITS CONSEQUENCES.

SPEEDING THE TRANSLATION OF OBESITY RESEARCH INTO PRACTICE





Objectives

- 1. To conduct obesity research that spans the translational spectrum from basic science to implementation science.
- 2. To train new investigators in translational obesity research methods.
- 3. To support clinical and community organizations in implementing and sustaining effective and broad reaching obesity-related programs, policies, and practices.



Economics and Obesity





Economics and Obesity



Weighing up **obesity**

Dr Wen You discusses her research findings, which will help to improve weight loss opportunities, and the design of incentivised weight loss programmes to address the obesity epidemic

What are the main objectives of your current research programme? What gaps in knowledge do you resolve?

The main objective of the research is to understand how different incentive constructs influence people's decisions to participate in weight loss programmes. This means that such programmes' incentive

arms can be calibrated to actually reach those who can benefit most. Incentivised weight loss programmes are still suffering from low participation rates and poor representativeness and no studies so far have addressed this puzzle. Furthermore, all research practices to date have omitted any investigation of the calibration of the incentive arms; this is a crucial

design feature that can affect the weight loss intervention programmes' success. Our study provides the much needed information to fill these gaps.

Could you describe the mode of evaluation containing attribute-based choice questionnaires? How will it assess willingness to participate in the programme?

In our project, preferences for weight loss programmes were elicited through choice questions, where subjects chose between two weight loss programmes - A and B - or alternatively, not participating in either programme. Each of the two programmes s differentiated by attributes of incentive construct such as amount, type, payment contingency and timing. The conceptual framework for analysing responses to this question is based on the random-utility framework. The conditional logit model and random parameter logit model are commor methods used to estimate the probability of choosing a certain programme, given the observed incentive attributes and individual characteristics. The results will tell us how different incentive attributes and individual characteristics influence individuals willingness to participate in weight loss programmes.

How did you gather data to conduct your research?

Random draws were performed from overweight and obes individuals in an electronic patient database and them recruitment letters were sent to them followed by phone calls. After they agreed to fill out the survey, questionnaires were mailed to them with prepaid return envelopes included. As we use an electronic patient database, we have basic demographic information of those eligible participants who declined to respond to the survey. This enables us to test the presence



DYNAMIC INTERACTIONS OF MONETARY AND NONMONETARY INCENTIVES IN WEIGHT LOSS INTERVENTION

OBJECTIVES

This project is the first to formally evaluate, within an economic framework, the potential effectiveness of different financial incentive packages in maximising weight loss programmes' reach and representativeness. Results will provide the much-needed data to calibrate the incentive arms for full-scale incentivised weight loss interventions.

KEY COLLABORATORS

Dr Paul Estabrooks, Department of Human Nutrition, Foods, and Exercise, Virginia Tech

Dr Kevin Boyle, Department of Agricultural and Applied Economics, Virginia Tech

Dr Richard Seidel, Department of Psychiatry, Virginia Tech Carilion

Dr Barbara Kanninen, BK Econometrics, LLP

Dr Christopher F Parmeter, Department of Economics, University of Miami

Carilion Clinic

Recent Graduate Students: Current: Yuan Yuan, PhD Candidate, Department of Agricultural and Applied Economics, Virginia Tech Past: Ali Hashemi, Assistant Professor, Department of Economics, Ashland University

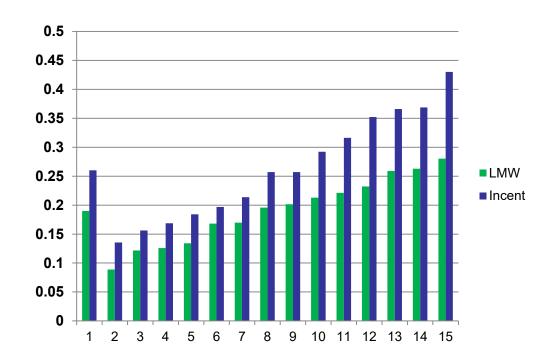
FUNDING

National Institutes of Health – National Heart, Lung and Blood Institute (NIH-NHLBI) grant no. 5R21HL097308-02



Economics and Obesity







Diabetes Prevention

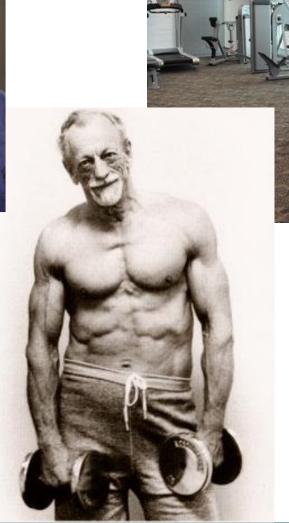




Diabetes Prevention









Diabetes Prevention

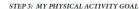




"To be successful at losing weight and preventing diabetes, you need to make lifestyle behavior changes. This means being more physically active, eating helathier foods, and learning how to identify and overcome your obstacles that get in the way of your success."

	WHAT MOTIVAT			
1y most	important reasons to	avoid getting diabete.	s are:	
-22				
-				
TEP 2	: MY WEIGHT LO	OSS GOAL		
TEP 2			My 6-Month Goal	Pounds to Lose
TEP 2	: MY WEIGHT LO	OSS GOAL My 12-Month Goal Weight	My 6-Month Goal Weight	Pounds to Lose Each Month
TEP 2		My 12-Month Goal		

	Aerobic Activities	
Health experts agree that	I am currently doing:	I will begin doing:
you should ou out the sound of aerobic activities on 5 days each week. You should also include about 15 minutes of muscle strengtheing activies on 2.	minutes days each week	minutes
prevent diabetes.	Muscle Strength	
prevam	I am currently doing:	I will begin doing:
To meet this recommendation, I will start slowly at my own level and gradually work my way up.	minutes	minutes



What are my obstacles? (circle 1-2)		Strategies to overcome my obstacles (Write 1 or 2 for each obstacle)	
Too Tired	Nowhere to go	I will keep track of my exercise in my Physical Activity Log	
No Time	Don't feel well	li-	
Bored	No Support	<u> </u>	
Bad Weather	No Transportation	19	







Training New Investigators in Translational Obesity Research





Supporting Community Partners





Supporting Clinical Partners



CARILION CLINIC







How are we doing?

- 22 faculty and 15 graduate trainees across 2 organizations, 7 departments, and 4 colleges
- 84 conference presentations from center students and faculty (FY2013)
- 57 peer reviewed publications (FY2013)
- 22 extramurally funded grants with total costs of nearly \$19 million from local foundations, industry sponsors, state government, and the National Institutes of Health



"The importance of an idea or action lies in whether it makes a difference in everyday life. Ideas or actions that correspond to attractive explanations (e.g., metaphysical theories), but make no difference to outcomes, are problematic."

Charles Pierce



Committee Minutes

STUDENT AFFAIRS AND ATHLETICS COMMITTEE OF THE BOARD OF VISITORS

Smithfield Room, The Inn at Virginia Tech and Skelton Conference Center 8:30 a.m.

November 18, 2013

Board Members Present:

Cordel Faulk (chair), John C. Lee IV, Steve Sturgis, Erica Wood (undergraduate student representative). Also in attendance Sue Teel (staff representative). Mike Quillen, Rector

Guests:

Cynthia Bonner, Tom Brown, Tim East, Heather Evans, Ted Faulkner, Bill Foy, Eleanor Finger, Martha Glass, Hunter Gresham, Jay Hardwick, Byron Hughes, Kathy Kaplan, Frances Keene, Frank Krimowski, Bobby Nelson, Jamie Penven, Patty Perillo, Frank Shushok, Penny White. Jamie Penven

Open Session

1. Opening Remarks and Approval of September 9, 2013 Minutes. Mr. Cordel Faulk, Committee Chair, provided opening remarks and submitted the minutes of the September 9, 2013, Student Affairs and Athletics Committee meeting to the committee for review and acceptance.

A motion was made and passed unanimously to approve the minutes of the committee's September 9, 2013 meeting.

2. Athletic Department Report. Mr. Tim East, associate director of Athletics-External Affairs, was present to represent Mr. Jim Weaver, director of Athletics, who was unable to attend today. Mr. East thanked the committee for allowing him to be present on Mr. Weaver's behalf. He then introduced Mr. Jay Hardwick, director of the Golf Operations and coach of the Men's Golf Team. Coach Hardwick is in his 31st year at Virginia Tech and has both led and witnessed a series of wins and accomplishments for the team, individual members, and the coaching staff, especially in more recent years. In 2007, Virginia Tech won the ACC Championship and two months later Drew Weaver became the first American in 28 years to win the British Amateur. In 2008, two Hokies played in The Masters. Coach Brian Sharp was named NCAA assistant golf coach of the Year in 2009. Being selected to host the NCAA Regional Golf Championship at

our Pete Dye River Course of Virginia Tech in 2011 was also a high honor. In 2012, Johnson Wagner won his third event on the PGA Tour, and both he and Brendon de Jonge won more than \$2 million. To cap off a great 2013, the team received an invitation to the NCAA Regionals for the seventh straight season.

Golf, as an industry, has an economic impact of nearly \$69 billion, exceeding spectator sports, the performing arts, and the amusement and recreation industries. Furthermore, golf's annual philanthropic contributions are more than the NBA, NFL, NHL, and MLB combined.

Virginia Tech is fortunate to have a world-class facility with the Pete Dye River Course, which has been in the Top 20 of *Golfweek's* list of Best College Courses for the past four years. In 2016, the Pete Dye River Course of Virginia Tech will host the Virginia State Amateur, becoming the first public facility to ever host this prestigious event.

The support of the Hackin' Hokies over the past 30 years has been tremendous. With 104 members who travel annually with the team and financially support the golf program, the Hackin' Hokies have endowed 33 golf scholarships, more than any other school in the country. The NCAA only allows use of 4.5 scholarships during a four-year period, which means the total funds from these scholarships have endowed Virginia Tech's golf program in perpetuity for in-state scholarships, and the university remains very close to permanently endowed for out-of-state (\$2.2+ million).

There are 8 players on the team currently; 4 returning from last year who qualified for the NCAA Championship. There will be Hokies playing in all four majors next year. Virginia Tech is currently ranked 12th overall in the country, with three players ranked in the Top 100 of college golf. Academically, there were three players last year named to the ACC All-Academic team and the overall cumulative team GPA is 3.02. Every player to go through the program and complete their eligibility during Coach Hardwick's 30 years has graduated with the exception of one, and he's on the PGA tour.

Recruiting is a year-round process. The squad averages eight to nine players annually, and while they see hundreds of athletes, only one or two are added per year. The recruiting philosophy has centered on in-state athletes. Scores are an obvious attention-grabber from a recruiting perspective, but only about 25% of players are eligible based on Virginia Tech's strict academic requirements. These academic standards are important because the golf team will travel 51 days, missing more class time for one tournament than the football team does all year. Good students are imperative because of the strict academic expectations and the physical demands. It is a rigorous program, but with much success. There are three goals from Coach Hardwick's coaching philosophy—1) help players earn degrees in their chosen field of study, 2) play sport to best of ability and, if desired, assist in their pursuit of playing professionally, and 3) put back into

society a better "product" than we took in. Coach Hardwick answered a few questions from the committee, and closed by saying our top competitors include Georgia Tech, Clemson, UVA, and Florida State.

Mr. East closed the Athletic Department report by thanking the committee and expressing his appreciation to Coach Hardwick for his service to Virginia Tech for more than three decades.

Division of Student Affairs Annual Report Highlights, 2012-2013. Dr. Patricia Perillo, vice president for Student Affairs, shared 2012-2013 academic year highlights and accomplishments from each of the 21 areas and departments within the Division of Student Affairs at Virginia Tech.

The annual report is centered on the division's strategic goals which are:

- 1) impacting learning environments
- 2) fostering globalization and inclusive excellence
- 3) creating a culture of collaboration and organizational efficiency
- 4) embracing a networked society, and
- 5) enhancing our facilities

Key highlights include:

- A draft curriculum focused on the Aspirations for Student Learning
- 25 additional and remarkable Aspire! Award recipients
- More than 26,000 individual students served in recreational sports facilities
- 3,000 hours of case management through the Dean of Students Office
- More than 2,000 students engaged in career professionalism programs
- Engaged more than 1,200 volunteers in the Hokie Helpers move-in effort
- Attracted more than 15,000 university and local community visitors at the 54th annual International Street Fair
- Cranwell International Center supported a 28% enrollment increase for international students, largest class ever (undergraduates)
- Leadership Circles (gatherings of people serving in like positions) were formed throughout the division to foster collaboration and dialogue across and throughout the division
- Vice President offered open office hours on a weekly basis, and will
 continue to do so in the future, where anyone/everyone has access to
 share ideas, concerns, and dialogue of interest
- Several successful and important collaborations including GobblerNights Late-Night Programming and the SmartLIFE Nutrition, Exercise, and Healthy Eating Program
- Technology was embraced through an online reservation system for testtaking accommodations provided by Services for Students with Disabilities and iPads were integrated into the Au Bon Pain customer order process

- Key progress was made in efforts to enhance facilities with the opening of the residential college at West Ambler Johnson, Turner Place at Lavery Hall, and the signed construction contract for the Upper Quad project (now underway)
- Established the department of New Student and Family Programs to purposely and strategically engage students and families from Orientation through Graduation
- Served 20,000 pounds of produce harvested from the Dining Services Garden at Kentland Farms
- Provided more than 40,000 patient visits in Schiffert Health Center
- Completed four key comprehensive internal program reviews for Career Services, Housing and Residence Life, Student Centers and Activities, and Recreational Sports (all departments reviewed on a 5 year cycle)
- Developed learning outcome frameworks for each Aspiration for Student Learning to measure and confirm we are achieving the outcomes desired; represents a best practice of assessment for work being conducted throughout the division

Dr. Perillo encouraged the committee to review the full 2012-2013 annual report for the Division of Student Affairs, reminding them that she has presented only highlights of the amazing and inspirational work being done daily.

Dining Services: Award-Winning Campus Dining with a Focus on 4. Sustainability. Mr. Ted Faulkner, director of Dining Services, offered a presentation on Virginia Tech's award-winning and outstanding dining program. Mr. Faulkner noted that Virginia Tech is one of only two self-operated collegiate dining programs in the commonwealth (the other is Christopher Newport University). At Virginia Tech, nearly 70% of all students have some form of a dining plan (which is unparalleled nationally), equating to nearly 20,000 plans annually (9,044 on-campus, 9,617 off-campus, and 1,147 Dining Dollar plans). There was a 13% increase in dining transactions, exceeding more than 816,000, in FY2012-13. 92% of Dining's program exceeds NACUFS national average. Virginia Tech falls short (and only minimally) in available seating and speed of service. Credit/debit cards are accepted in every dining facility currently. Virginia Tech's dining program continues to be among the best values for services and products offered. There are five executive chefs and chefs du cuisines (sous chefs) within the dining program. It is a challenge to recruit and maintain chef longevity with the rate of pay offered; therefore, dining must tout quality of life and the chef's ability to create and innovate. Of the 2,080 employees, there are 1,350 student wage employees, and the department has its own training development program with 230 individuals enrolled. The Dining program continues to receive top rankings, accolades, and awards across numerous areas from facilities to special dietary offerings.

As well, Mr. Faulkner discussed the multi-faceted sustainability efforts led by Dining Services' staff. Dining Services has 2.2 acres, in partnership with the College of Agriculture and Life Sciences, at Kentland Farms. Dining is extending their partnership with Kentland Farms with a split faculty position. As well, they are investigating and implementing some fast freezing food preservation for items that grow well in our own region, but often peak during our non-peak/offacademic year cycle. They also operate the "Farms and Fields Project" through Owens Food Court in Owens Hall. They serve Virginia Tech meats through animal and poultry science (28,000 pounds of meat served two years ago), and offer Virginia Tech milk from dairy sciences in D2. Dining Services has composted more than 1,500 tons (550 tons in FY2012-13) and hopes the "Sit and Sort" program will further aid and advance this initiative. Reusable containers and water bottles are being utilized with utmost concern for health safety and sanitation. They operate under a local sourcing initiative to procure food from within a 250 mile radius of the Blacksburg campus. Student Affairs and Athletics Committee members urged Mr. Faulkner to consider including the entire state, specifically the Eastern Shore, in this radius. The greatest challenges for the dining program, despite its success, are rate of pay/wages and demands of position (on feet, 8 hours a day, unrelenting demands/long lines). Dining operates on shoestring budget and a "best example" of such is there is zero money for professional development. Additionally, they are a \$55 million department with a \$200,000 annual equipment maintenance line item. As the economy improves, Dining believes they will not remain competitive with current wages offered. Concern was expressed by committee members that Virginia Tech's Dining program will not remain #1 if we continue as is. The current funding model may need to be reexamined for Virginia Tech to maintain its strategic advantage and national position for dining operations.

5. Housing and Residence Life: Creating Opportunities for Learning. Mr. Jamie Penven, associate director for Academic Initiatives, began with an iconic visual representation of campus (the Drillfield) but elaborated to describe how campus is designed such that academic and residential activities are separate. This is common in higher education; however, learning isn't a bifurcated process. Students are whole and learning happens, substantially and without clear lines, in both arenas. Living-learning communities are designed to intentionally bring students together by common interest or intellectual area. Mr. Penven continued by introducing Virginia Tech's 15 different living-learning communities, including those organized by academic major, themed housing, residential colleges, and enhanced learning communities. Living-learning communities provide a variety of unique opportunities to campus residents for increased holistic student learning and help make a large research university feel smaller. Students are retained to institutions, are less likely to engage in high-risk behavior, and are more likely to be involved in community service if engaged in a living-learning community. In short, space enhances the student experience. Environments which build interaction, conversation, community, and dialogue benefitting the curricular and co-curricular... they benefit the student and increase learning opportunities.

Mr. Penven highlighted several key examples on campus including the Pritchard Academic Resource Center, the Cochrane Lounge Revitalization, "Studio I" at Lee Hall, and the Residential Colleges. Academic, Division of Student Affairs, and community partnerships are expanding student opportunities and emphasizing learning. As well, student behavior is being positively influenced by the physical environment and program.

Conversation continued focused on the needs of our housing and residential facilities. In no uncertain terms, the needs of our residential facilities are extreme. Beyond age and design/style, 50% of our residence halls are not air conditioned and there are numerous facilities where technology needs are not being met (being a wireless campus doesn't guarantee wireless access within residence hall rooms). Mr. Penven closed his presentation expressing thanks for the opportunity to present.

Adjournment.

There being no further business, the meeting was adjourned at 11:30 a.m.



Highlights from Division of Student Affairs 2012-2013 Annual Report

Student Affairs and Athletics Committee of the Board of Visitors

Patricia A. Perillo, Ph.D. Vice President for Student Affairs November 18, 2013





Accomplishments of Division's Strategic Goals

- I. Impacting Learning Environments
 - Student Learning Aspirations
- II. Fostering Globalization and Inclusive Excellence
- III. Creating a Culture of Collaboration and Organizational Efficiency
- IV. Embracing a Networked Society
- V. Enhancing our Facilities

- Additional Accomplishments
- Assessment of our Work





I. Impacting Learning Environments

- Established committee to develop Aspirations curriculum for students
- Recognized 25 extraordinary students through Aspire! Award presentations
- Enhanced academic experience of 70% of the 3,000 students served by Cook Counseling Center
- Recorded higher academic performance among fraternity and sorority members compared to all undergraduates
- Served the health and wellbeing of 26,071 individual students in recreational sports facilities



Aspirations for Student Learning: Commit to Unwavering Curiosity

- Provided dairy center tours in support of the VT Milk Initiative
- Served over 1,000 students through regional outdoor recreation trips and clinics led by Venture Out
- Hosted Dinner on the Titanic theme meal to commemorate 100th anniversary
- Offered Universi-Tea and Coffee College events to pique student curiosity about and knowledge of common beverages



Aspirations for Student Learning: Pursue Self-Understanding and Integrity

- Enhanced students' understanding of themselves and their behaviors through the administration of StrengthsQuest to students involved in the Student Conduct System
- Created new module for alcohol education classes focused on the impact of alcohol on values and integrity
- Piloted the REACH living-learning community focused on understanding the relationship of personal attributes to career choices
- Provided over 3,000 hours of case management through the Dean of Students Office, empowering students to use selfunderstanding to address their life challenges



Aspirations for Student Learning: Practice Civility

- Launched a Love Where You Live campaign as a joint venture between Campus Alcohol Abuse Prevention Center and the Town of Blacksburg
- Implemented Orange Obligation/Maroon Mindset to remind students of clear expectations for student conduct
- Replaced anonymous harassment complaint reporting system with one better aligned with Title IX requirements
- Engaged over 2,000 students in career professionalism programs focused on dining and business etiquette, practice interviews, and networking skills





Aspirations for Student Learning: Prepare for a Life of Courageous Leadership

- Established a Strengths-Based Initiatives Committee to enhance student engagement and leadership development
- Offered new courses on leadership and ethics designed to help Corps members become leaders of character
- Initiated Leadership Dialogues to connect Leadership Tech students with successful alumni role models
- Established a Fraternal Leaders Institute to provide leadership training to fraternity and sorority members





Aspirations for Student Learning: Embrace Ut Prosim as a Way of Life

- Recruited over 300 student volunteer note takers to assist students with disabilities
- Engaged over 1,200 volunteers in the Hokie Helpers move-in effort
- Contributed 250 volunteer hours in the Dining Services Garden at Kentland Farm
- Collaborated with VT Engage to redesign Hokie Camp *UT Prosim* session



II. Fostering Globalization and Inclusive Excellence

- Established a Multicultural Competency Committee to strengthen capacities of divisional employees
- Sponsored 54th annual International Street Fair, which attracted over 15,000 university and local community visitors
- Coordinated the first Hokie Hi LGBTQ welcome event
- Initiated a forum on American Indian culture and symbolism
- Issued admissions documents to 960 new international students, supporting a 28% enrollment increase



III. Creating a Culture of Collaboration and Organizational Efficiency

- Formed Leadership Circles for employees in similar positions to network and collaborate
- Initiated schedule of open office hours and open forums for employees and students to meet with VP
- Established Networking and Personal Development committee to enhance sense of community across division
- Established a Service Standards and Onboarding Committee to ensure consistency of employee service and orientation with division



Selected Collaborations

- Gobbler Nights Late-night Programming (Student Centers and Activities, CAAPC)
- SmartLIFE Nutrition, Exercise, and Healthy Eating Program (Recreational Sports, Dining Services, Schiffert Health)
- Healthy Paths Eating Disorder Program (Cook Counseling, Recreational Sports, Schiffert Health, SSD)
- Hokie World Games (Cranwell, Recreational Sports, Athletics)



IV. Embracing a Networked Society

- Enhanced security and reliability of division IT systems through standardization of procedures and resource consolidation
- Initiated new "Networked Society" award to recognize exceptional use of technology in programs and services
- Developed online engagement plan for Student Centers and Activities utilizing 15 social media profiles
- Launched on-line reservation system for test-taking accommodations provided by Services for Students with Disabilities
- Integrated iPads into Au Bon Pain customer order process





V. Enhancing our Facilities

- Opened the Residential College at West Ambler Johnson Hall
- Opened Turner Place at Lavery Hall, a state-of-theart dining facility
- Relocated Services for Students with Disabilities to Lavery Hall
- Opened the first house in Phase IV Oak Lane, Special Purpose Housing
- Held design competition and signed construction contract for Upper Quad project



Additional Accomplishments

- Awarded the division's first general student leadership scholarships
- Established New Student and Family
 Programs from a partnership between New Student Programs and Parent and Alumni Relations
- Celebrated the 75th Anniversary of Squires Student Center





Additional Accomplishments

continued

- Served 20,000 pounds of produce harvested from the Dining Services Garden at Kentland Farm
- Provided over 40,000 patient visits in Schiffert Health Center
- Celebrated VT's designation by Greatist as the nation's third "Healthiest College Campus"
- Received Gold and Grand Bronze Awards for Excellence in Student Health, Wellness, and Counseling from an international higher education association



Assessment of Our Work

- Completed comprehensive program reviews of Career Services, Housing and Residence Life, Student Centers and Activities, and Recreational Sports
- Conducted five-year periodic reviews for two senior administrators
- Awarded two "Closing the Loop Grants" to support evidence-based program improvements
- Developed learning outcome frameworks for each Aspiration for Student Learning





- 1 of 2 Self-operated in VA
- Total of 19,808 Plans:
 - o 9,044 on-campus
 - o 9,617 off-campus
 - 1,147 Dining Dollar plan holders
- Over 69.2% of all students have some form of a dining plan

- 2012-2013 Increase of 816,479 transactions for a 13.06% increase (7.07M)
- 92% of Dining's program exceeds NACUFS national average
- One of the best values in the Commonwealth









- Training Development Program 230 Enrolled
- 1,350 student wage employees
- Past 3 capital projects for renovation or new construction all received national recognition
- College/University Innovator of the Year 2013
- National ranking and awards













Virginia Tech Dining Services

Sustainability





Kentland Farm

- Founded in 2009
- 2.2 acres of production
- Partnership with College of Agriculture and Life Sciences
- Fast freezing food preservation



Farms and Fields Project

Owens Food Court at Owens Hall









- Reusable To-Go Containers at West End Market
- Reusable Waters Bottles
- Serving Virginia Tech Meats
 - Animal and Poultry Science
- Virginia Tech Milk served at D2
 - Dairy Sciences
- Cultivating enhanced partnership with Horticulture Department
- Sit and Sort

SIT[®]SORT



- Composting
 - Waste sorting stations in Dining Centers
 - Over 1,500 total tons of compost diverted
 - 550 tons 2012-13
- Silver LEED Certification
 - Turner Place at Lavery Hall
- ESCO Project at Dietrick
- Sustainability Coordinator on Staff
- Local Sourcing Initiative
 - 250 mile radius
- FoodPro Waste tracking
- Electronic menu boards











Housing & Residence Life: Creating Opportunities for Learning

Jamie Penven

Associate Director for Academic Initiatives

Board of Visitors - November 18, 2013









Living Learning Communities





































Living Learning Communities

15 different living learning communities

- Academic Major
- Enhanced Learning Communities
- Residential Colleges
- Themed Housing





Spaces influencing learning: Pritchard Academic Resource Center (PARC)









Space influencing learning: Cochrane Lounge Revitalization









Space influencing learning: ARC at Newman







Space influencing learning: "Studio I" at Lee Hall













Space influencing learning: Residential Colleges



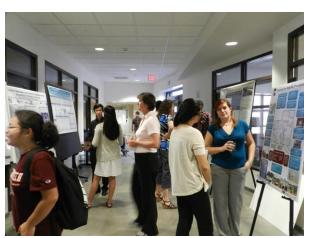
















The positive impact: Increased holistic student learning

- Space is enhancing the student experience
- Academic, DSA, and community partnerships are expanding student opportunities and emphasizing learning
- Student behavior is being positively impacted by the physical environment and program





Where do we go from here?

- Residential Colleges: Leadership Residential College
- Innovate: Next steps for our newest LLC
- Additional ARCs
- Continued revitalization of student space to support learning and engagement





Questions?



					IT DISCLOSURE REPOR	RT		
			August 22	, 2013 through	October 21, 2013			
Reason for Conflict	External Entity	Owner	Principal Investigator	Co - P.I.'s	College/Dept.	Period of Performance	Award Amount	Project Description
Faculty Owned Business	Electrical Distribution Design	Robert Broadwater	Robert Broadwater		Electrical Engr.	TBD	\$400.000	This request is for a Master Agreement to
acuity Owned Business	Liectrical Distribution Design	Paul Torgersen	Nobell bloadwater		Electrical Engl.	100	Ψ400,000	fund research in the 2014 fiscal year for an
		James Torgersen						amount not to exceed \$400.000. The work
		James Torgersen						relates to tasks developing electrical
								distribution technology for use on naval
								vessels and army bases.
								vessels and army bases.
Faculty Owned Business	Cell Free Bioinnovations, Inc.	Yi Heng (Percival) Zhang	Many Loigh Wolfo		Biological Systems	TBD	\$77,668	Virginia Tech is a subcontractor on a NSF
-acuity Owned Business	Cell Free Bioliniovations, Inc.	Ti Herig (Percival) Zhang	Mary Leight Wolfe		Engineering	עמו	\$77,000	STTR award received by the company. Dr.
					Engineering			Wolfe, BSE Department Head, is serving as
								PI. The work involves high-yield hydrogen
					+			production from biomass sugars by cell-free
					+			biosystems with an application to mobile
					+			electricity generators.
								electricity generators.
Faculty Owned Business	BioTherapeutics, Inc.	Josep Bassaganya-Riera	Chris Reilly		Veterinary Medicine/VCOM	1/1/2014 thru	\$61,124	Dr. Chris Reilly has proposed to be a
		Raquel Hontecillas				12/31/2014		subcontractor on an NIH STTR proposal
								put forth by the company. His work would
								involve working on a treatment for
								inflammatory disorders including systemic
								erythematosus lupus.
Faculty Owned Business	BioTherapeutics, Inc.	Josep Bassaganya_Riera	David Bevan		Biochemistry	3/1/2014 thru	\$112,500	Dr. David Beven has proposed to be a
		Raquel Hontecillas				2/28/2015		subcontractor on a NIH STTR proposal
								submitted by BioTherapeutics. This work
								involves the development of computational
								technologies for natural products research.
								Dr. Bevan will lead the molecular modeling
								component of the project.
Faculty Owned Business	BioTherapeutics, Inc.	Raquel Hontecillas	Dongmin Liu		Human Nutrition, Foods &	TBD	\$56,532	Dr. Liu has proposed to be a subcontractor
		Josep Bassaganya-Riera			Exercise			on a NIH STTR proposal submitted by
					1			BioTherapeutics. The work would involve
					1			evaluating the therapeutic potential of
								synthetic compounds and conducting tests
								of the efficacy of these compounds.
Faculty Owned Business	Transecurity LLC	Thomas Dingus	Zachary Doerzaph		VTTI Human Factor's	TBD	\$187,000	This is an increase to an existing SBIR
		Michael Mollenhauer			Research Area			subcontract from Transecurity to VT. The
		Andrew Petersen						work involves several tasks including the
								development of machine vision software;
								support with an algorithm concept; and data
								reduction and performance testing on a 250
								truck study dataset.

RESOLUTION HONORING CHIEF WENDELL R. FLINCHUM

WHEREAS, beginning in 1985 and continuing for 28 years, Wendell R. Flinchum faithfully served Virginia Tech by providing leadership while working his way through the ranks in the Virginia Tech Police Department; and,

WHEREAS, on July 1, 2006 he was named Interim Chief of Police and quickly faced many challenges including a large-scale manhunt for a murder suspect at the beginning of the fall semester and a reaccreditation on-site review in August 2006; and,

WHEREAS, he was appointed the university's Chief of Police and Director of Security in December 2006 and began to restructure the department along with making many significant improvements that have taken the department to an elite status during his tenure; and,

WHEREAS, he provided exceptional leadership of a multi-jurisdictional police effort including local, state, and federal law enforcement agencies during the largest mass murder on a college campus in United States history and the most challenging period in the university's history – the tragedy of April 16, 2007; and,

WHEREAS, Chief Flinchum was extraordinary in his leadership when a student was murdered on January 21, 2009 and again on December 8, 2011 when Virginia Tech police officer, Deriek W. Crouse, was tragically murdered while in the performance of his duties; and,

WHEREAS, he guided and led initiatives that had significant institutional impact including advancing safety and security policies, procedures and protocols to improve safety and security of employees, students, and visitors at Virginia Tech, including the implementation of the University Threat Assessment Team, of which he was a founding member and Chair; and,

WHEREAS, he built and sustained collaborative and close working relationships with local, state, and federal law enforcement agencies and maintained active memberships in professional organizations including the International Association of Campus Law Enforcement Administrators, International Association of Chiefs of Police, and Virginia Campus Law Enforcement Administrators; and,

WHEREAS, Chief Flinchum provided a breadth of leadership, guidance, and mentoring to many law enforcement professionals at Virginia Tech, throughout the Commonwealth of Virginia; and across the nation, and,

WHEREAS, he worked diligently to ensure the creation of the new Public Safety Building, which opened in the summer of 2013 and provides the Police Department with a permanent home; and,

WHEREAS, Chief Flinchum, with his understated manner, established a reputation as a person of great integrity while he embodied the university's motto of *Ut Prosim* (That I May Serve);

NOW, THEREFORE, BE IT RESOLVED, that the members of the Board of Visitors of Virginia Polytechnic Institute and State University hereby extend their sincere appreciation to Wendell R. Flinchum for his outstanding loyalty and devoted service, and for his faithful dedication to the university and its missions.

RECOMMENDATION:

That the above resolution recognizing Wendell R. Flinchum for his service to the university be approved.



Presidential Search Committee

Minutes of the October 3, 2013 Meeting

The Presidential Search Committee appointed by the Board of Visitors of Virginia Tech met on Thursday, October 3, 2013, at the Holtzman Alumni Center Board Room. The meeting was called to order at 8:10 a.m.

SEARCH COMMITTEE MEMBERS PRESENT:

George Nolen, Chair; Deborah Petrine; John Rocovich; Stephanie Adams; Erica Bennett; Jacqueline Bixler; Ben Davenport; Dennis Dean; Jesus de la Garza; Patricia Dove; Robert Dunay; Jeff Earley; Alan Grant; Justin Graves; Sarah Karpanty; Arthur Keown; Anne Khademian; William Knocke; XJ Meng; Lance Smith; Sue Teel

SEARCH COMMITTEE MEMBERS ABSENT: John Lee

ALSO PRESENT:

- Ron Forehand, Senior Assistant Attorney General of Virginia, Chief of the Education Section
- Kay Heidbreder, University Legal Counsel
- Mirah Horowitz, Russell Reynolds Associates
- Amy Hayes, Russell Reynolds Associates

SEARCH COMMITTEE STAFF AND GRADUATE STUDENTS PRESENT:

Minnis Ridenour; Nancy Meacham; Judy Ridinger; Kate Preston; Amanda Fawkes; Fatima Sharif

Search Committee Chair, Mr. Nolen, opened the meeting and called for a motion to approve the minutes from the August 29, 2013 meeting. Mr. John Rocovich made the motion, the motion was seconded by Debbie Petrine and the motion passed.

Mr. Nolen then called for a motion to approve the minutes of the eight public meeting input sessions. Mr. John Rocovich made the motion, the motion was seconded by Dr. Dennis Dean and the motion passed. The minutes of the following public meeting input sessions were approved:

Virginia Agribusiness Council -7/17/13 VT Staff -8/15/13 Administrative and Professional Faculty -8/28/13 Teaching and Research Faculty -8/28/13 and 9/6/13 Undergraduate Students -9/9/13 Faculty Senate -9/10/13 Graduate Students -9/12/13

The chair, Mr. George Nolen, then called for the committee to go into Closed Session. Ms. Deborah Petrine made the following motion:

"I move that the committee go into closed meeting:

Invent the Future

- Pursuant to Section 2.2-3711.A.1 to discuss personnel matters that will involve discussion of assignment, appointment, promotion, and performance of specific public officers and employees; and will further involve the evaluation of performance of departments or schools of the university where the evaluation will necessarily involve the discussion of the performance of individuals; and
- 2) Pursuant to Section 2.2-3711.A.4 for the protection of privacy of individuals in personal matters not related to public business; and

More specifically, both grounds related to the appointment of a new president for the university.

The motion was seconded by Mr. John Rocovich and the meeting moved into closed session at 8:20 a.m.

During the closed session, the committee discussed only matters lawfully exempted from open meeting requirements and only matters identified in the motion for the closed session.

One search committee member, Stephanie Adams, left the meeting at 12:30 p.m. due to a scheduling conflict.

Mr. George Nolen called for the meeting to return to open session and to be certified. Ms. Deborah Petrine made the following motion:

"I move that the committee go back into open meeting, and that we certify by roll call, that to the best of each member's knowledge (i) only matters lawfully exempted from the open meeting requirements under the Freedom of Information Act were discussed and (ii) only matters identified in the motion to have the closed session were discussed."

The motion was seconded by Mr. John Rocovich and the meeting moved back into open session at 1:55 p.m.

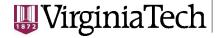
Recorded Vote: the following is an affirmative recorded, member by member vote:

- George Nolen, Chair, Search Committee
- Deborah Petrine
- John Rocovich
- Erica Bennett
- Jacqueline Bixler
- Ben Davenport
- Dennis Dean
- Jesus de la Garza
- Patricia Dove
- Robert Dunay
- Jeff Early
- Alan Grant
- Justin Graves
- Sarah Karpanty
- Arthur Keown

- Anne Khademian
- William Knocke
- XJ Meng
- Lance Smith
- Sue Teel

Ron Forehand announced that the search committee will meet at an undisclosed time and undisclosed location within the next 15 days for the sole purpose of interviewing candidates for president of the university.

The meeting adjourned at 2:05 p.m.



Presidential Search Committee

Minutes of the October 29, 2013 Meeting

The Presidential Search Committee appointed by the Board of Visitors of Virginia Tech met on Tuesday, October 29, 2013, at the Inn at Virginia Tech, Drillfield room. The meeting began at 2:30 p.m..

SEARCH COMMITTEE MEMBERS PRESENT:

Stephanie Adams; Erica Bennett; Jacqueline Bixler; Dennis Dean; Jesus de la Garza; Robert Dunay; Jeff Earley; Alan Grant; Sarah Karpanty; Arthur Keown; William Knocke; XJ Meng; Sue Teel

SEARCH COMMITTEE MEMBERS ABSENT:

George Nolen, Chair; John Lee; Deborah Petrine; John Rocovich; Ben Davenport; Patricia Dove; Justin Graves; Anne Khademian; Lance Smith

ALSO PRESENT:

• Kay Heidbreder, University Legal Counsel

SEARCH COMMITTEE STAFF AND GRADUATE STUDENTS PRESENT:

Minnis Ridenour; Nancy Meacham

Dr. Alan Grant opened the meeting and called for a motion to approve the minutes from the October 3, 2013 meeting. Dr. Stephanie Adams made the motion, the motion was seconded by Ms. Sue Teel and the motion passed.

Dr. Alan Grant announced that the search committee will meet at an undisclosed time and undisclosed location within the next 15 days for the sole purpose of interviewing candidates for president of the university.

The meeting adjourned at 2:40 p.m.

RESOLUTION ON HONORING 2014 WILLIAM H. RUFFNER MEDAL RECIPIENT G. ROBERT QUISENBERRY

WHEREAS, Virginia Tech is very proud to recognize among its most esteemed alumni, Mr. G. Robert Quisenberry, a member of the class of 1962 who received his bachelor of science degree in Statistics from Virginia Tech, and has been a loyal and enthusiastic volunteer and supporter of the university; and

WHEREAS, G. Robert Quisenberry had an extensive tenure of service as a student leader and scholar during his undergraduate experience at Virginia Tech, including participation in the Virginia Tech Corps of Cadets, Class Officer in the Student Government Association, and Circle K member, possessing a consistent appreciation for the influence of Virginia Tech in his life with its emphasis on the ideals of brotherhood, duty, honor, leadership, loyalty, sacrifice, service and Ut Prosim – *That I Might Serve;* and

WHEREAS, Bob Quisenberry furthered his education, earning his master of science degree in Business Administration from Virginia Commonwealth University, and then enjoying an accomplished and stellar career, culminating with the establishment of Quisenberry and Warren Ltd., a management consulting firm that specializes in information technology management where he is founder and president, in addition to garnering professional prestige in his industry throughout his career; and

WHEREAS, Mr. Quisenberry's many years of active participation in the university community include service to the Corps of Cadets Alumni Board, Chairman of the Corps of Cadets Gold Cord Committee, the Quiet Phase and National Campaign Steering Committees, Richmond Regional Campaign Committee, Chairman of the College of Science Dean's Roundtable, past member of the College of Arts and Sciences Executive Committee, and Hokies for Higher Education among many other volunteer leadership roles; and

WHEREAS, Bob Quisenberry and his wife, Susan, are inspirational examples of how a meaningful life is achieved not only through personal success, but in service to others, through their belief in creating educational opportunities for Virginia Tech students through continuously providing philanthropic support across the breadth of the university including Alumni Programs, Intercollegiate Athletics, the Corps of Cadets, the College of Science, and other university program areas; and

WHEREAS, the extraordinary generosity of Mr. Quisenberry has allowed him and his wife, Susan, to be recognized members of the Legacy Society, preparing for the future of Virginia Tech, as well as members of the Ut Prosim Society at the Distinguished Benefactor level, the university's most prestigious donor recognition society;

NOW, THEREFORE, BE IT RESOLVED, that in recognition of Mr. Quisenberry's many years of leadership and notable service to the university and to his community, the Board of Visitors of Virginia Polytechnic Institute and State University confers upon G. Robert Quisenberry its highest award, the 2014 William H. Ruffner Medal.

RECOMMENDATION:

That the resolution conferring the 2014 William H. Ruffner Medal to G. Robert Quisenberry be approved.

RESOLUTION ON HONORING 2014 UNIVERSITY DISTINGUISHED ACHIEVEMENT AWARD RECIPIENT ROBERT L. TURNER

WHEREAS, Robert L. Turner was a student of Professor Olivio Ferrari, his beloved mentor, and is a 1972 graduate of Virginia Tech with a Bachelor of Architecture degree from the College of Architecture and Urban Studies; and

WHEREAS, Mr. Turner moved to New York upon graduation to serve as assistant to architectural photographer Ezra Stoller, before joining Skidmore, Owings, & Merrill in Chicago in 1974, and later being elected Design Partner at SOM in 1984; and

WHEREAS, Mr. Turner has demonstrated the value of his Virginia Tech education, applying his skills globally as a highly respected architectural expert, being a visionary leader who exhibits outstanding foresight and resolve, pursuing his passion that has been revealed through many of the great public and private building projects of our time; and

WHEREAS, Mr. Turner has a long, distinguished, and exemplary career that serves as a testament to his personal drive and skills as a leader and architect, with a renowned international portfolio of work throughout the United States, England, Egypt, India, Germany, France, Portugal, Africa, and beyond, and whose experiences have fostered a desire to urge architects to explore the globe with every opportunity; and

WHEREAS, Mr. Turner has made significant contributions to the world at-large, lending his expertise and talent to the award winning Utopia Pavilion in Lisbon, Portugal, World Trade Center in Amman, Jordan, Canary Wharf Development in London, England, hotels, a university campus, corporate headquarters, leisure facilities, and other phenomenal structures and developments in numerous international locations that continue to motivate, encourage, and inspire our students and graduates; and

WHEREAS, Mr. Turner personifies the university motto, *Ut Prosim*, selflessly serving the world, his country, his community, and his alma mater creating a scholarship to support students' study abroad in Paris and Cairo, serving as a member of the College of Architecture and Urban Studies Advisory Board, School of Architecture + Design Advisory Board past member of the Riva San Vitale Campaign Committee, and being recognized as a member of the Legacy Society preparing for the future of Virginia Tech, and the Ut Prosim Society, the university's most prestigious donor recognition society;

NOW, THEREFORE, BE IT RESOLVED that, with great pride and in recognition of his professional accomplishments, service, leadership, and commitment to making the world a better place in ways that bring honor to his profession and to his alma mater, the Board of Visitors of Virginia Polytechnic Institute and State University confers the University Distinguished Achievement Award for 2014 to Mr. Robert L. Turner.

RECOMMENDATION:

That the resolution conferring the 2014 University Distinguished Achievement Award to Mr. Robert L. Turner be approved.

RESOLUTION ON NAMING THE CONFERENCE ROOM IN THE QUILLEN FAMILY ACADEMIC CENTER FOR STUDENT ATHLETES FOR RICH AND TERRI CRAWFORD

WHEREAS, Rich and Terri Crawford are 1977 graduates of Virginia Tech; and

WHEREAS, Rich and Terri Crawford have been generous donors to the Virginia Tech Athletic Fund and are recognized as Hokie Benefactors with lifetime athletic giving of over \$100,000; and

WHEREAS, Rich and Terri Crawford donated \$50,000 to the Athletics Department's Field House Campaign in October 2011; and

WHEREAS, Rich and Terri Crawford donated another \$34,000 on 10/22/13 towards an additional pledge of \$50,000 towards the Field House Campaign; and

WHEREAS, due to their generosity to Virginia Tech and Intercollegiate Athletics, Rich and Terri Crawford will be inducted into the University's Ut Prosim Society in the Spring of 2014; and

WHEREAS, Rich and Terri Crawford are strong proponents of SAASS (Student Athlete Academic Support Services) and their work through the Provost's office providing assistance to our student-athletes;

NOW, THEREFORE, BE IT RESOLVED, that in appreciation to Rich and Terri Crawford for their generosity towards Virginia Tech and the Department of Athletics, that the Conference Room in the Quillen Family Academic Center for Student Athletes be named The Rich and Terri Crawford Conference Room.

RECOMMENDATION:

That the above resolution naming the Rich and Terri Crawford Conference Room be approved.

Summary

Emeriti Faculty Resolution (2)

November 18, 2013

College of Engineering

Theo A. Dillaha, III Professor Emeritus of Biological Systems Engineering

College of Architecture and Urban Studies

Olivio C. Ferrari Alumni Distinguished Professor Emeritus of Architecture

RESOLUTION FOR EMERITUS STATUS

WHEREAS, beginning in 1983 and continuing for 30 years, Dr. Theo A. Dillaha, III faithfully served Virginia Tech as a faculty member in the Department of Biological Systems Engineering in the College of Agriculture and Life Sciences; and

WHEREAS, with dedication, he taught a wide variety of undergraduate and graduate courses and advised student organizations such as Engineers Without Borders, and Soil and Water Conservation Society; and

WHEREAS, he directed 13 master's and seven doctoral students, and served on many master's and doctoral committees in various university programs; and

WHEREAS, he advanced a systems-based approach to management of natural resources through his research in the areas of watershed assessment and management, soil and water conservation engineering, and nonpoint source pollution control; and

WHEREAS, through his leadership of the Sustainable Agriculture and Natural Resources Management Collaborative Research Support Program (SANREM CRSP) and the Rebuilding Higher Education in Agriculture in the South Sudan Project (RHEA), he contributed significantly to international agricultural development and education; and

WHEREAS, he authored or co-authored over 250 refereed journal articles, research bulletins, and other publications and reports; and

WHEREAS, he supported the scientific research enterprise as a conference organizer, advisory panel member, and frequent reviewer for national and international organizations, journals, and funding agencies; and

WHEREAS, he held leadership positions in professional organizations, including president and board member of the Soil and Water Conservation Society; and

WHEREAS, he received many professional honors and awards, including the Virginia Tech Alumni Award for Outreach Excellence, a Fulbright Fellowship, the Wesley W. Horner Award from the American Society of Civil Engineers, and a Fellow Award from the Soil and Water Conservation Society; and

WHEREAS, he provided many years of distinguished contributions to the department, the college, and the university through dedicated service on numerous commissions and committees;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors recognizes Dr. Theo A. Dillaha, III for his distinguished service to the university with the title of Professor Emeritus of Biological Systems Engineering.

RECOMMENDATION:

That the above resolution recommending Dr. Theo A. Dillaha, III for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS

WHEREAS, beginning in 1965 and continuing for 29 years, Professor Olivio C. Ferrari faithfully served Virginia Tech as a faculty member in the College of Architecture and Urban Studies; and

WHEREAS, Professor Ferrari crafted the core foundation of the architecture program, one of the most highly ranked programs of its kind in the nation; and initiated *the Inner College for Environmental Design*, an innovative design laboratory that continues to serve as a model for design education; and

WHEREAS, in recognition of his extraordinary gift in the art of teaching, Professor Ferrari received numerous teaching awards, including the Wine Award in 1971, the teaching award from the Virginia Society of the American Institute of Architects, and the college's Excellence in Teaching Award in 1977; and

WHEREAS, Professor Ferrari helped to establish Virginia Tech's international prominence by initiating the college's Europe Study Abroad program in 1968, and served as the founding director of the Center for European Studies and Architecture (CESA) in Riva San Vitale, Switzerland; and

WHEREAS, generations of alumni in architecture and design recognize Professor Ferrari as the single greatest influence on their education, as well as on their subsequent lives and professional careers; and

WHEREAS, Professor Ferrari was named a Virginia Tech Alumni Distinguished Professor in 1982; and

WHEREAS, the Association of Collegiate Schools of Architecture (ACSA) awarded Professor Ferrari the title of ACSA Distinguished Professor in 1990; and

WHEREAS, in 1995 Virginia Tech posthumously conferred its University Distinguished Achievement Award on Professor Ferrari:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Visitors posthumously recognizes Professor Olivio C. Ferrari for his distinguished service to the university with the title Alumni Distinguished Professor Emeritus of Architecture.

RECOMMENDATION:

That the above resolution recommending Professor Olivio C. Ferrari for emeritus status be approved.

Summary

Endowed Professorships and Fellowships (6)

November 18, 2013

College of Engineering

Jaime Camelio Commonwealth Professor of Advanced Manufacturing

Brian Kleiner R. H. Bogle, Jr. Professor of Industrial and Systems Engineering

Eric Paterson Commonwealth Professor of Marine Propulsion

Konstantinos Triantis John L. Lawrence Professor of Industrial Engineering and

Operations Research

College of Liberal Arts and Human Sciences

Bernice Hausman Edward S. Diggs Professor of Humanities

<u>Virginia-Maryland Regional College of Veterinary Medicine</u>

Jennifer Barrett Theodora Ayer Randolph Professor of Equine Surgery

The Commonwealth Professor of Advanced Manufacturing

Richard C. Benson, Dean of the College of Engineering and Paul and Dorothea Torgersen Chair of Engineering and Chair of the College of Engineering Honorifics Committee, nominates professor Jaime Camelio to hold the Commonwealth Professorship of Advanced Manufacturing. The nomination is likewise recommended by the Honorifics Committee of the Grado Department of Industrial and Systems Engineering (ISE), as well as by the ISE Department Head, Dr. Don Taylor.

Dr. Camelio has faithfully served Virginia Tech for the past five years, having joined the university in 2008 as an assistant professor. He joined the ISE faculty at a time in which teaching and research in manufacturing systems had reached a nadir within the department, but through his leadership, his student focus, and his dedicated and energetic efforts, he has truly transformed the department.

Dr. Camelio's efforts have not only gained the attention of the Commonwealth's manufacturers, but they have caused a resurgence in interest in manufacturing research at Virginia Tech. The interest that he generated and the funding that he brought to the department has resulted in the hiring of two additional faculty members to support his research team, and the university is seeking another faculty member to work in his area. In a very short period of time, Dr. Camelio has obtained 22 externally funded grants totaling \$4.5 million, he has published 29 well-cited journal articles in prestigious journals in his field, and he has gained the attention of colleagues around the world. He has already advised four Ph.D. students to completion and six additional Ph.D. advisees are making good progress toward their degrees. Two of his four current graduates have taken prestigious positions in academia.

Dr. Camelio has been very active with the Commonwealth Center for Advanced Manufacturing and has taken on leadership roles within that organization. He is a strong citizen of his department, college, university, and profession. He also participates in multiple service and outreach activities. Dr. Camelio's dynamic efforts have changed the face of advanced manufacturing at Virginia Tech. He is already a world leader in the fields of smart assembly systems, the design and analysis of value recovery operations (remanufacturing), and data mining and statistical learning applications for manufacturing processes and systems, process monitoring, diagnosis, prognosis, and control. He is destined for even greater levels of achievement.

RECOMMENDATION:

That Dr. Jaime Camelio be appointed the Commonwealth Professor of Advanced Manufacturing for a renewable five-year term, effective December 10, 2013, with a salary supplement as provided by the endowment and, if available, with funds from the eminent scholars match program.

The R. H. Bogle, Jr. Professor of Industrial and Systems Engineering

The Industrial and Systems Engineering (ISE) department head, with the support and consent of the ISE faculty and Honorifics Committee, and with the consent of Dr. Richard Benson, Dean of the College of Engineering and the Paul and Dorothea Torgersen Chair of Engineering, has nominated Professor Brian M. Kleiner to hold the R. H. Bogle, Jr. Professorship of Industrial and Systems Engineering within the Grado Department of Industrial and Systems Engineering. He is currently the R. H. Bogle, Jr. Fellow. Because he is now eligible for the full Professorship based on criteria established by the ISE Honorifics Committee, the ISE department seeks to upgrade his status to hold the full Professorship as opposed to the rotating Professorship/Fellowship.

Professor Kleiner has faithfully served Virginia Tech as a faculty member and administrator for 22 years, having joined the university in 1991 as an assistant professor. He currently holds the rank of Professor of ISE and is also the director of the Myers-Lawson School of Construction.

Dr. Kleiner has developed and taught innovative courses in Industrial and Systems Engineering to hundreds or perhaps thousands of students and has established a world-class research program in the analysis and design of work systems and work systems interfaces with a specialization in 'macro' or 'systems' ergonomics. He also works in socio-technical systems, function allocation in automation and systems design, safety, health and performance management.

Dr. Kleiner is a world leader in his research area and has advised more than 35 graduate students to completion of their degrees, has authored or co-authored more than 160 refereed papers, and has personally participated in more than \$10 million in funded research projects. Additionally, he has served as proposal coordinator and as director for three rounds of proposals for the National Institute for Occupational Safety and Health funded Center for Innovation in Construction Safety and Health Research, resulting in approximately \$15 million in research funding and approximately \$29 million more in grant proposals currently under review. Dr. Kleiner is active in service and outreach activities and is deemed an outstanding citizen of his department, college, university, and profession.

RECOMMENDATION:

That Dr. Brian Kleiner be appointed the R. H. Bogle, Jr. Professor of Industrial and Systems Engineering for a renewable five-year term, effective December 10, 2013, with a salary supplement as provided by the endowment and, if available, with funds from the eminent scholars match program.

The Commonwealth Professor of Marine Propulsion

Richard C. Benson, Dean of the College of Engineering and Paul and Dorothea Torgersen Chair of Engineering and Chair of the College of Engineering Honorifics Committee, nominates professor Eric Paterson to hold the Commonwealth Professorship of Marine Propulsion.

Dr. Paterson is a world-renowned expert in computational fluid dynamics (CFD) and marine hydrodynamics. He came to Virginia Tech in 2012 from Penn State where he was a senior scientist at the University's Applied Research Lab, the chief scientist of the computational mechanics division of the Applied Research Lab, and a professor of mechanical engineering. His focus areas are: ship and submarine hydrodynamics, renewable energy from hydro and wind turbines, cardiovascular fluid dynamics and heart-assist devices, and explosives trace detection.

Dr. Paterson has conducted research on many aspects of submarine, surface ship, unmanned vehicles, and undersea-weapon propulsion; including CFD algorithms, unsteady viscous flow, cavitation, hydro-acoustics, fluid-structure interaction, turbulence modeling, maneuvering and seakeeping, and stratified wakes. His work has contributed to new simulation tools and models for propulsion design, acoustic and non-acoustic signatures, and underwater missile launch.

Over the past 13 years, he has secured more than \$18 million in external funding as a principal investigator or co-principal investigator from federal agencies and from industry. With students and colleagues, he has published over 130 peer-reviewed journal papers, reports, and conference papers and presentations.

Dr. Paterson has won several awards, including the United Kingdom's Royal Academy of Engineering Distinguished Visiting Fellowship for collaboration on "Tidal energy device simulation and image based meshing." He also held a Distinguished Visiting Professor position at the University of Exeter, UK, and he was recognized by the U.S. Food and Drug Administration as a member of The Critical Path CFD Team, "for insightful, innovative research to examine the reliability of advanced CFD techniques for assessing cardiovascular device safety."

RECOMMENDATION:

That Dr. Eric Paterson be appointed the Commonwealth Professor of Marine Propulsion for a renewable five-year term, effective December 10, 2013, with a salary supplement as provided by the endowment and, if available with funds from the eminent scholars match program.

The John L. Lawrence Professor of Industrial Engineering and Operations Research

The Industrial and Systems Engineering (ISE) department head, with the support and consent of the ISE faculty and Honorifics Committee, and with the consent of Dr. Richard Benson, Dean of the College of Engineering and the Paul and Dorothea Torgersen Chair of Engineering, has nominated professor Konstantinos Triantis to hold the John L. Lawrence Professorship of Industrial Engineering and Operations Research within the Grado Department of Industrial and Systems Engineering (ISE).

Dr. Kostas Triantis has faithfully served Virginia Tech as a faculty member for 30 years, having joined the university in 1983 as an assistant professor. He currently holds the rank of professor of ISE and has previously held the R. H. Bogle, Jr. Professorship in ISE. For the past three years, he has served as the program director for the Civil Infrastructure Systems Division of the National Science Foundation.

Dr. Triantis has developed and taught innovative courses in Industrial and Systems Engineering to hundreds or perhaps thousands of students and has established a world-class research program in the design of performance measurement systems for service and production organizations, the use of fuzzy sets as a mechanism to represent uncertainty, and the use of continuous dynamic efficiency performance in performance measurement modeling.

Dr. Triantis has advised more than 60 graduate students to completion of their degrees, plus an additional eight Ph.D. advisees currently under his direction. He has authored or co-authored more than 60 refereed papers, and has participated in more than \$4.8 million in funded research projects, including more than \$800,000 in Intergovernmental Personnel Act funding.

Dr. Triantis is active in service and outreach activities and is deemed an outstanding citizen of his department, college, university and profession. He is a world leader in his research area, and while serving at the NSF he has helped to make fundamental changes to funding strategies for the nation's research agenda.

RECOMMENDATION:

That Dr. Kostas Triantis be appointed the John L. Lawrence Professor of Industrial Engineering and Operations Research for a renewable five-year term, effective December 10, 2013, with a salary supplement as provided by the endowment and, if available, with funds from the eminent scholars match program.

Edward S. Diggs Endowed Professorship in Humanities

The Edward S. Diggs Endowed Professorship in Humanities was established by Hattie Wilson Diggs in memory of her husband Edward Singleton Diggs, a 1914 graduate of the university. The Diggs Professor – Humanities recognizes and promotes excellence in research and teaching in the humanities. With the unanimous support and consent of the selection committee, Sue Ott Rowlands, dean of the College of Liberal Arts and Human Sciences, nominates Dr. Bernice Hausman as the Edward S. Diggs Professor of Humanities.

Professor Hausman is a professor of English in the College of Liberal Arts and Human Sciences (CLAHS). She is also a professor at the Virginia Tech Carilion School of Medicine. Professor Hausman is an accomplished scholar across fields, including medical rhetoric, gender studies, and public humanities. She came to Virginia Tech as an assistant professor of English in 1995, was promoted to associate professor in 2000, and to full professor in 2006. Her research record includes three books on gender and culture, 15 articles in refereed journals, five chapters in books, over 15 reviews. She has presented at over 40 national and international conferences. Professor Hausman's scholarship is exemplary and demonstrates the significant contributions of the humanities to public health. Her work is recognized regionally, nationally, and internationally and is a model of academic outreach.

Within the university, Professor Hausman is well respected by colleagues, has advised numerous graduate students, and is a successful teacher of undergraduates. At Virginia Tech, she directed the women's studies program from 2003 to 2005, coordinated the medicine and society minor since its inception in 2005, and was the acting director of the Center for the Study of Rhetoric in Society in Fall 2010. Since 2010, she has been teaching courses for the Virginia Tech Carilion School of Medicine. She is a member of more than 10 doctoral committees, and her work with graduate students was recognized with the 2007 CLAHS Graduate Advising Award. She is the coordinator of the Vaccination Research Group, involving a team of graduate students and undergraduate researchers working on collaborative projects with a strong public humanities emphasis. Her scholarly activities have been funded by the National Endowment for the Humanities, the National Writing Project, the Virginia Department of Health, and the Institute for Society, Culture, and Environment at Virginia Tech.

Professor Eska, chair of the Department of English, wrote, "professor Hausman is a tireless scholar. She has deeply influenced international conversations about public health, and her collaborative scholarship influences her students and colleagues."

Recommendation:

That professor Bernice L. Hausman be appointed as the Edward S. Diggs Professor of Humanities for a five-year term effective November 25, 2013 with the appropriate salary stipend and operating budget associated with this position.

The Theodora Ayer Randolph Professor of Equine Surgery

Theodora Ayer Randolph made a series of gifts in 1984 and 1985 to create an endowed fund to support two professorships: the Dr. Archibald Cary Randolph Professor of Equine Medicine and the Theodora Ayer Randolph Professor of Equine Surgery. The Theodora Ayer Randolph Professorship of Equine Surgery was established to attract and retain eminent scholars to the Equine Medical Center.

Dean Gerhardt Schurig has nominated Dr. Jennifer Barrett as the Theodora Ayer Randolph Professor of Equine Surgery. The nomination is made with the concurrence of the department head of Large Animal Clinical Sciences, and with the unanimous recommendation of the college Executive Board. The original appointment is for three years and is renewable.

Dr. Barrett completed a Doctorate of Veterinary Medicine from Cornell University in 2002, a Ph.D. from Yale University in 1999, as well as a Master of Science in Biology in 1994. Dr. Barrett joined the Virginia-Maryland Regional College of Veterinary Medicine in 2007 as an assistant professor and was granted tenure and promoted to associate professor in 2013.

Dr. Barrett achieved diplomat status in the American College of Veterinary Surgeons in 2008, as well as achieving diplomat status in the American College of Veterinary Sports Medicine and Rehabilitation in 2013.

Dr. Barrett's area of research focus is regenerative medicine and she is rapidly developing a worldwide reputation as being one of the leading experts in this equine discipline.

RECOMMENDATION:

That Dr. Jennifer Barrett be appointed as the Theodora Ayer Randolph Professor of Equine Surgery for a renewable three-year term, effective January 1, 2014, with a salary supplement as provided by the endowment and if available, with funds from the eminent scholars match program.

FACULTY RESEARCH LEAVE 2013 – 2014

Virginia Tech provides tenured faculty, and faculty on continued appointment, with opportunities that include paid leave for intensive study or research that advances the individual's profession and contributions to the university.

The following faculty member is requesting <u>research assignment</u> (full salary for one semester) for the purpose and period of time specified:

<u>Cloyd, C. Bryan,</u> John E. Peterson, Jr. Professor of Accounting, spring 2014, to pursue scholarship and continue research in accounting, including the area of taxation policy and its impact on business decisions.

RECOMMENDATION:

That the above research assignment leave be approved as requested.

Faculty Personnel Changes Report

ACADEMIC AFFAIRS COMMITTEE AND FINANCE AND AUDIT COMMITTEE

Quarter ending September 30, 2013

The Faculty Personnel Changes Report includes new appointments and adjustments in salaries for the general faculty, including teaching and research faculty in the colleges, and for administrative and professional faculty that support the university including the library, extension, academic support, athletics, and administration. The report is organized by senior management area (college or vice presidential area).

Since the last Board meeting, the university has made the following faculty personnel appointments and salary adjustments:

Teaching and Research Faculty New Appointments with Tenure or Continued Appointment New Appointments to Tenure-Track or Continued Appointment-Track New Appointments to Non-Tenure Track	0 8 0
Adjustments in Salary	20
Administrative and Professional Faculty New Appointments	6
Adjustments in Salary One-time payments One-time payments for Post-Season Sports Events	36 2 3
Special Research Faculty Adjustments in Salary	1

RECOMMENDATION:

That the Board ratify the Faculty Personnel Changes Report

FACULTY PERSONNEL CHANGES November 18, 2013

TEACHING AND RESEARCH FACULTY

NEW APPOINTMENTS

						CURREN	ACTION	
					EFF DATE	% APPT	ANNU	AL RATE
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME
Agriculture & Life Sciences								
Morgan, Kimberly	Assistant Professor	Agriculture & Applied Economics	Reg	9	10-Aug-13	100	\$ 85,000	
Engineering								
Hanna, James	Assistant Professor	Engineering Science & Mechanics	Reg	9	10-Aug-13	100	\$ 84,000	
Jung, Changhee	Assistant Professor	Computer Science	Reg	9	10-Aug-13	100	\$ 90,000	
Liberal Arts and Human Sciences								
Nelson, Amanda	Assistant Professor	School of Performing Arts	Reg	9	10-Aug-13	100	\$ 65,000	
Natural Resources								
Juran, Luke	Assistant Professor	Geography	Reg	9	10-Aug-13	100	\$ 65,000	
<u>Science</u>								
Anderson, Lara	Assistant Professor	Physics	Reg	9	10-Aug-13	100	\$ 75,000	
Cheng, Shengfeng	Assistant Professor	Physics	Reg	9	10-Aug-13	100	\$ 75,000	
Gray, James	Assistant Professor	Physics	Reg	9	10-Aug-13	100	\$ 75,000	

TEACHING AND RESEARCH FACULTY

ADJUSTMENTS

						CURREN	ACTION	
					EFF DATE	% APPT	ANNU	AL RATE
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME
Agriculture & Life Sciences								
Easton, Zachary	Assistant Professor	Biological Systems Engineering	Reg	9	10-Aug-13	100	\$ 84,500	
Ervin, Erik	Professor	Crop & Soil Environmental Sciences	Reg	12	1-Aug-13	100	\$ 110,442	
Ferreira, Gustavo	Assistant Professor	Agricultural & Applied Economics	Reg	9	10-Aug-13	100	\$ 83,000	
Architecture & Urban Studies								
Datz, Giselle	Associate Professor	School of Public and International Affairs	Reg	9	10-Aug-13	100	\$ 80,250	
Simmons, Denise	Assistant Professor	Myers-Lawson School of Construction	Reg	9	10-Aug-13	100	\$ 82,500	
Engineering								
Case, Scott	Interim Department Head and Professor	Engineering Science & Mechanics	Reg	12	10-Jul-13	100	\$ 175,000	
Cox, David	Department Head and Professor	Chemical Engineering	Reg	12	10-Jul-13	100	\$ 205,000	
Sandu, Adrian	Professor	Computer Science	Reg	9	10-Aug-13	100	\$ 129,795	
Liberal Arts and Human Sciences								
Bondy, Jennifer	Assistant Professor	School of Education	Reg	9	10-Aug-13	100	\$ 60,000	
Copeland, Nicholas	Assistant Professor	Sociology	Reg	9	10-Aug-13	100	\$ 60,000	
Mazzolini, Elizabeth	Assistant Professor	English	Reg	9	10-Aug-13	100	\$ 54,000	
Robbins, Claire	Assistant Professor	School of Education	Reg	9	10-Aug-13	100	\$ 62,000	
Stephens, Robert	Associate Dean	College of Liberal Arts and Human Sciences	Reg	12	23-Sep-13	100	\$ 98,082	

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continued

TEACHING AND RESEARCH FACULTY

ADJUSTMENTS

					CURRENT ACTION			
					EFF DATE	% APPT		AL RATE
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME
Science								
Amateis, Patricia	Associate Professor	Chemistry	Reg	9	10-Aug-13	100	\$ 85,000	
Arachchige, Shamindri	Instructor	Chemistry	Reg	9	10-Aug-13	100	\$ 62,100	
Johnson, Neil	Advanced Instructor	Geosciences	Reg	9	10-Aug-13	100	\$ 58,858	
White, Bradley	Assistant Professor	Psychology	Reg	9	10-Aug-13	100	\$ 74,000	
Veterinary Medicine								
Bachelez, Andreas	Clinical Assistant Professor	Small Animal Clinical Sciences	Reg	12	1-Jul-13	100	\$ 125,000	
Cecere, Julie	Clinical Assistant Professor	Large Animal Clinical Sciences	Reg	12	25-Aug-13	100	\$ 90,000	
Gilsenan, William	Clinical Assistant Professor	Large Animal Clinical Sciences	Reg	12	16-Jul-13	100	\$ 85,000	

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ADMINISTRATIVE AND PROFESSIONAL FACULTY

NEW APPOINTMENTS

					CURRENT ACTION			
					EFF DATE	% APPT	ANNU	AL RATE
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME
Dean of Libraries								
Finn, Mary Catherine	Assistant Director, Metadata Services	Library	Reg	12	1-Nov-13	100	\$ 63,194	
<u>President</u>								
Etrasco, Danielle	Assistant Lacrosse Coach	Athletics	Reg	12	29-Jul-13	100	\$ 35,000	
Gomez, Freddy	Assistant Women's Tennis Coach	Athletics	Reg	12	25-Sep-13	100	\$ 35,000	
O'Brien, Angela	Assistant Softball Coach	Athletics	Reg	12	2-Sep-13	100	\$ 45,000	
Robertson, Carol	Head Women's Golf Coach	Athletics	Reg	12	25-Jul-13	100	\$ 70,000	
Zalewski, Paul	Assistant Coach/Technical Director TFCC Program	Athletics	Reg	12	1-Aug-13	100	\$ 43,000	

ADMINISTRATIVE AND PROFESSIONAL FACULTY

ADJUSTMENTS

						CURRENT	ACTION		
					EFF DATE	% APPT		UAL R	ATE
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	(ONE-TIME
Agriculture & Life Sciences									
<u>g</u>									
Baskfield-Heath, Doris	District Director	Southeast District Office	Reg	12	10-Aug-13	100	\$ 76,00	0	
<u>Engineering</u>									
Cranwell, Lindy	Director of International & Graduate Education	Civil & Environmental Engineering	Reg	12	10-Aug-13	100	\$ 56,00	0	
<u>President</u>									
Beamer, Shane	Associate Head Football Coach	Athletics	Reg	12	25-Oct-13	100	\$ 225,00)	
Brown, Cornell	Assistant Football Coach	Athletics	Reg	12	25-Oct-13	100	\$ 225,00	0	
Dresser, Kevin	Head Wrestling Coach	Athletics	Reg	12	25-Aug-13	100	\$ 90,00	0	
Foster, Robert	Defensive Coordinator	Athletics	Reg	12	25-Oct-13	100	\$ 525,00	0	
Gray, Torrian	Assistant Football Coach	Athletics	Reg	12	25-Oct-13	100	\$ 230,00	0	
Grimes, Jeffrey	Assistant Football Coach	Athletics	Reg	12	1-Jul-13	100	\$ 265,00	0	
Hall, Natalie	Assistant Coach, TFCC	Athletics	Reg	12	25-Aug-13	Adjunct		\$	12,000
Hardwick, Jacob	Head Men's Golf Coach	Athletics	Reg	12	25-Jul-13	Adjunct		\$	2,000
Kunigonis, Michael	Associate Head Baseball Coach	Athletics	Reg	12	25-Aug-13	100	\$ 90,00	0	
McClanahan, Marvin Hudson	Associate University Legal Counsel	Athletics	Reg	12	25-Jul-13	100	\$ 109,14	0	
Ridenour, Minnis	Senior Fellow for Resource Development	President			1-Dec-13	Adjunct		\$	102,000
Robelot, Reed	Assistant Swim Coach	Athletics	Reg	12	25-Aug-13	100	\$ 38,00	0	
Robie, Anthony	Associate Head Wrestling Coach	Athletics	Reg	12	25-Aug-13	100	\$ 67,00)	
Sharp, Brian	Associate Head Men's Golf Coach	Athletics	Reg	12	25-Jul-13	100		\$	1,000
Stockwell, Sarah	Assistant Swim Coach	Athletics	Reg	12	25-Aug-13	100	\$ 38,00	0	
Thomas, Benjamin	Assistant Coach, TFCC	Athletics	Reg	12	25-Aug-13	100	\$ 64,52	6	
Thomas, Nelson	Head Softball Coach	Athletics	Reg	12	25-Aug-13	100	\$ 97,00	0	
Wiles, Charles	Assistant Football Coach	Athletics	Reg	12	25-Oct-13	100	\$ 275,00	0	

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continued

ADMINISTRATIVE AND PROFESSIONAL FACULTY

ADJUSTMENTS

						CURRENT		
					EFF DATE	% APPT	ANNUA	
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME
Senior Vice President & Provost								
Coble, Zebulon	Assistant Provost for Academic Space	Office of the University Provost	Reg	12	16-Sep-13	100	\$ 95,000	
McNamee, Mark	Senior Vice President & Provost	Senior Vice President & Provost	Reg	12	25-Jul-13 1-Jan-14	100 100	\$ 381,066	60,000
Shoop, Tiffany	Assistant Director for Special Programs	Center for Instructional Development and Educational Research	Reg	12	10-Jul-13		\$ 65,000	00,000
<u>Veterinary Medicine</u>								
Hylton, April	Interim Assistant Dean for Administration	Dean, Veterinary Medicine	Reg	12	1-Aug-13	100	\$ 95,000	
Vice President for Administration								
Chambers, Yohna	Assistant Vice President for Human Resources	Human Resources	Reg	12	25-Jul-13	100	\$ 139,050	
Kropff, Catherine	Interim Director for Hokie Wellness	Human Resources	Reg	12	25-Jul-13	100 \$	58,300	
Marinik, Andrew	Emergency Planner	Emergency Management	Reg	12	10-Sep-13	100 \$	60,000	
McCoy, Richard	Director, Parking and Transportation	Parking Services	Reg	12	25-Aug-13	100 \$	91,522	
Mecham, Ross	Interim Executive Director	University Organizational and Professional Development	Reg	12	10-Aug-13	100 \$	88,000	
Moore, Karisa	Director for Affirmative Action and Employment Equity	Human Resources	Reg	12	25-Sep-13	100 \$	90,000	
Rugless, Laura	Executive Director, Equity & Access	Human Resources	Reg	12	25-Jul-13	100 \$	118,450	
Vice President for Development & Ur	niversity Relations							
Mullins, Amanda	Annual Giving Officer	University Development	Reg	12	17-Jul-13	100 \$	42,000	
Smythers, Robert	Interim Director of Gift Planning	University Development	Reg	12	26-Aug-13	100 \$	106,635	

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continued

ADMINISTRATIVE AND PROFESSIONAL FACULTY

ADJUSTMENTS

						CURRENT ACTION			
					EFF DATE	% APPT	ANNU	JAL RATE	
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME	
Vice President for Finance and CFO									
Connelly, Alexis	Assistant Payroll Manager	Controllers Office	Reg	12	25-Sep-13	100	\$ 56,304		
Vice President for Information Techno	ology								
Sawyers, Brandon	HPC Systems Specialist	Systems Engineering Administration	Reg	12	10-Jul-13	100	\$ 75,000		
Snapp, Christopher	HPC Team Project Lead	Systems Engineering Administration	Reg	12	10-Jul-13	100	\$ 80,000		
Vice President for Research									
Whitt, Sarah	Grants and Contracts Manager	VT Carilion	Reg	12	8-Jul-13	100	\$ 55,000		
Vice President for Student Affairs									
Brown, Michael	Academic Coach/Counselor	Services for Students with Disabilities	Reg	12	10-Jul-13	100	\$ 44,000		
Gresham, Hunter	Chief of Staff	Vice President for Student Affairs	Reg	12	25-Sep-13	100	\$ 90,000		
Russo, Kathryn	Student Life Coordinator	Housing and Residence Life	Reg	12	16-Aug-13	100	\$ 63,667		

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SPECIAL RESEARCH FACULTY

ADJUSTMENTS

					CURRENT ACTION			
					EFF DATE	% APPT	ANNUAL RATE	
NAME	TITLE	DEPARTMENT	REG or RSTR	MONTHS			BASE	ONE-TIME
Calamaa								
<u>Science</u>								
Han, Nizhou	Senior Research Associate	Geosciences	Reg	12	10-Aug-13	100	\$ 45,000	

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Undergraduate Representative to the Board of Visitors Constituency Report

Erica Wood

November 18th, 2013

Good afternoon Rector Quillen, President Steger, distinguished members of the Board, administrators, and guests. Thank you for allowing me to speak on behalf of undergraduate students this afternoon.

Undergraduates have been very busy since our last meeting. The class of 2015 hosted their ring premiere, the Indian Student Association filled half of Burruss during their Divali celebration, and this past Saturday evening, the Asian American student union hosted a cultural show. The Student Government Association, partnering with the non-partisan non-profit organization, Turbovote, partook in the most successful student voter registration campaign in the commonwealth. We celebrated Native American Heritage month by bringing speakers and dancers to campus, and on Veterans Day, the Veterans@VT organization honored fallen veterans by administering a moment of silence and a roll call ceremony for over 6000 KIA veterans since September 11th.

Since the Moss Arts Center opened this fall, more than 200 undergraduate students have signed up for the text alert for day-of free tickets, and approximately 80 undergraduate students are on the center's payroll in wage positions. Likewise, student organizations were a key part of the community open house on November 3, and continue to be involved on performance nights.

Throughout the semester, administrators have worked diligently to revise the Curriculum for Education (CLE). The proposed changes are being presented and discussed with all of the colleges, and adjustments are being made accordingly. Wide ranging discussions with students are currently taking place to ensure that the changes will make our core curriculum relevant and engaging, while advancing undergraduate educational goals. Last week, we hosted a CLE information session for undergraduate students to learn and give feedback. The proposed CLE will allow students to achieve interdisciplinary, contextual learning outcomes during their first two years. In conversations with Provost MacNamee and other administrators, it is clear there are efforts being made to improve the quality of advising to complement the changes in curriculum. To add even more practicality, the student government is working to create a financial literacy program available to all undergraduate students.

Like the CLE, studying abroad is critical for enriching the undergraduate educational experience; it is just as important for increasing the international presence of our university (which is in compliance with our university strategic plan). I have been speaking with students to determine what should be done in order to increase studying abroad opportunities. A large portion of students do not study abroad due to financial limitations, so, we are looking at creating a scholarship plan for undergraduates who meet specific qualifications.

As I indicated in my previous report, inclusion is a primary concern of many undergraduate students. In an effort for inclusive excellence, the commission on student affairs has created a subcommittee to discuss collaboration efforts across underrepresented student groups. Likewise, my advisory committee has invited officers from these underrepresented student groups to attend our regular weekly meetings in hopes that our advisory group, and the said group officers, will become better acquainted with each other's missions and needs. I've also noticed that there are areas we can improve veteran support at

Virginia Tech. For instance, the Yellow Ribbon Program exists to offset the out of state tuition costs associated with a veteran dependent using a parent or spouse's GI bill. Virginia Tech allocates \$1000 to 10 students, which is then matched by the VA. However, many of our SCHEV peer institutions allocate a much greater amount of funding towards this program, increasing veteran-dependent presence on their campuses. As I mentioned previously, we are also working to improve international student inclusion at Virginia Tech. Our undergraduate international student population has doubled within the past 5 years, bringing an immense amount of cultural value to our university. As such, it is critical that these students (like all undergraduates) truly feel that Virginia Tech is a home away from home. There are several events going on this month to include international students over Thanksgiving break, (a potluck in Newman hall, and a Pie Day, organized by Cranwell International Center) that are specifically designed to allow cultural exchange and relationship building. We are considering a program which would educate International students on Virginia politics, followed by a trip to the capital.

For many undergraduate concerns, our administration seems to know of the issues before we ask for change, and we couldn't ask for more enthusiastic and eager leaders. I am confident that through the continued support of the Board and administration, the undergraduate community will continue to thrive.

Thank you for your time and attention.

Constituency Report Nick Warrington, Graduate Representative Virginia Tech Board of Visitors November 18, 2013

Good Afternoon Rector Quillen, President Steger, members of the board, and guests. Over the past few months, I have continued my journey of learning and listening to graduate students here at Virginia Tech. Over this time, I have hosted two luncheons where President Steger, Provost McNamee, Dean DePauw, Dr. Perillo, and Dr. Knox met with graduate and professional students from an array of disciplines to discuss various topics and concerns impacting their Virginia Tech experience. These luncheons are some of my favorite events because they brings graduate students and university administrators to the same table so students can learn more about Virginia Tech and the administration can learn more about the needs of graduate students.

Another wonderful opportunity I have is to attend bi-weekly meetings with graduate students serving on a think tank advisory committee. This advisory group consists of a diverse group of students that are helping me understand current issues they and their colleagues are facing on a daily basis. I am happy to share that the initiatives that the think tank challenged me to work on coincide with the initiatives I set forth in September.

First and foremost, AFFORDABLE childcare continues to be an issue facing graduate students, and quite frankly, the entire community. However, I am hopeful that before the end of my tenure, we will make tangible progress on this issue. I am grateful that President Steger has recognized this as a concern and I look forward to moving from conversation to action.

As I continue to advocate for affordable childcare, I have learned of other concerns facing our graduate students. Graduate students play a unique role within the university because, although they are students, they also serve as teachers, researchers, advisors, and mentors. With these roles come additional resources and support needed to be effective. Unfortunately, many graduate students do not feel the university understands the instrumental role they play in our long-term success. Dean DePauw has advocated for the support of graduate students and I will continue to work with her to ensure that graduate students are receiving adequate resources and support. If we, as a comprehensive-research university, plan to increase our graduate student population by 1,000 students in the coming years, we must first ensure that our current graduate students are well supported- if not we will not be successful in future endeavors.

To gain a greater understanding of the recourses our students need, I will continue to have conversations with graduate students and will be reaching out to the Provost and deans to discuss strategies we can employ to measure the current support structure for graduate students and ways we can better serve our graduate student community.

Staff Senate Constituency Report Virginia Tech Board of Visitors November 17 - 18, 2013 Presented by Sue Teel, Staff Senate President

Rector Quillen, members of the Board of Visitors, President Steger, administrators, and guests: Thank you for this opportunity to speak with you about Virginia Tech's staff.

I would like to report that the new "Me First! Friday Staff Leadership Series" is off to a great start. I worked with Anna LoMascolo, Co-Director of the Women's Center, to develop this series of brownbag sessions specifically targeting Virginia Tech's female staff. We have had full classes for both of the sessions held thus far and look forward to continuing through 2014.

Things have been relatively quiet this year. I have heard concerns from staff about very few issues. One issue that is just starting to be discussed is around the new hybrid Virginia Retirement System for all staff hired after January 1, 2014. There will be an option for existing staff to opt into the plan but all newly hired staff will be forced into the hybrid system. The concern here is not that there will be a new "lesser" system but that one of the attractions in recruiting and retaining quality staff at Virginia Tech is the benefits package. This is just one example of a benefit that is being changed to create a less attractive offer. Another concern that I have heard is about the change in leadership as we transition to a new President. Change is always scary and staff members worry that our next President might be someone who does not share Dr. Steger's philosophy on the inclusiveness of staff in the shared governance system. Staff members are appreciative of the voice that is given to us through the governance system. The University and governance provide a way for us to make positive changes to our work-life situations.

Virginia Tech is a model of shared governance working well. I only realized this as I became President of Staff Senate and the staff representative to the Board of Visitors. I have had calls from staff at other institutions, Radford University, UVA, and Georgia Tech to name a few, asking how our governance works and the role that staff play within the system. Because of this we are looking to expand our existing James D. McComas Staff Leadership Seminar to include staff from some of these other institutions. Our hope is that we can share some of what works well here at Virginia Tech to help our colleagues at other colleges and universities create systems that work for them.

Again, thank you for your time and I would be happy to answer any questions you might have about our staff.

Respectfully, Sue Teel President, Staff Senate

BOV Meeting 11/18/13

Good Afternoon Rector Quillen, Vice-Rector Petrine, President Steger, Provost McNamee, honored Board members and guests.

I have the great pleasure of representing the faculty on this body and it has become abundantly clear between the last meeting and this one that providing an accurate picture of our faculty is NOT an easy task. I have spent a significant amount of time sifting through news releases about all of the great things that faculty have been doing. At this morning's Academic Affairs Committee meeting, 3 of the many outstanding faculty were highlighted for their international activities. With the opening of the Moss Arts Center, faculty have been engaged not only as viewers, but many have stepped forward to give "My Take Talks"- perspectives on exhibitions from the viewpoint of their disciplines. For the Leo Villareal Display - a digital piece - I heard a My Take talk by Brian Katen from the view of a landscape architect. His talk gave me a whole new appreciation of the display. To do all of the faculty activities justice, I would need several hours to even skim the surface to report on all of the things that our faculty do. Besides being an egregious breach of protocol, I do NOT doubt that there are many in this room that would gladly drag me out bodily should it look as though I was going down that path. So I won't.

I have the honor of representing the faculty by virtue of being the President of the Virginia Tech Faculty Senate. Faculty Senate consists of about 70 representatives from all of the departments around campus who give of their time in service to the university. Beyond the time they spend on FS, they (and many other members of the faculty) serve on commissions, committees, University Council and other bodies that are responsible for the development and approval of the curriculum and policies that are critical for the smooth operation of the university. Much of that activity ultimately comes to this board for your final approval.

In preparation for this talk, I polled the faculty Senate on what they considered to be the most important issues facing the university from a faculty perspective. As those of you familiar with faculty can appreciate, I had a hard time drawing out opinions from them. (Author note: this was a tongue-in cheek comment.) There was quite a range of subjects raised: a desire that sustainability be an important part of all program considerations as we move forward. A concern that despite a lot of effort, our diversity initiatives have not made the progress we would like to have seen.

However, at the TOP of the list was faculty and graduate student compensation. This is where I have a difficult time in phrasing my message, because, in one sense, this is an issue that has many of our faculty conflicted. On the one hand, the faculty fully and completely embrace the university's motto Ut Prosim and are incredibly loyal to Virginia Tech. They believe Virginia Tech is a great place to be. On the other hand, no improvement in faculty salaries is taking its toll on the morale and well being of the faculty. After receiving the poll results, I went back over the reports to the board given

by my predecessors. Going back at least five years, *pleas for addressing the salary issue* were a constant in all of the presentations. Yet, yesterday we heard that the SINGLE ISSUE on the university scorecard that received a red mark indicating not only NO progress, but a loss of ground was faculty salaries. The stated goal is that average faculty salaries reach the 60th percentile of our peer group. In 2011 faculty salaries were at the 27th percentile, 2012 the 25th percentile, and in 2013 at the 20th percentile.

Percentiles can be misleading and would be relatively meaningless if all salaries of our peer groups spanned a very small range. But, the 2013 Faculty Salary Adjustments, approved by the Board in May 2013, shows that the average salary adjustment needed to get Virginia Tech faculty up to the 60th percentile is \$13-15,000 depending on the metric used. That is a *huge* gap. Given that the 60th percentile has been the stated goal for many years and we have made no progress, this is wearing on the faculty. I have heard from several who have indicated that they now have tenure and will be looking for positions in other universities. We have invested a lot in our new professors and to have them leave is a great waste. It also impacts our ability to hire as well as to retain. Jack Finney's report to the Academic Affairs committee highlighted this issue and also showed that disparities are much greater for some ranks and some disciplines.

Morale is also affected because we have direct comparisons with peer faculty and not just averages. Most public institutions have public databases that make it easy to see how one compares not only on average but also at a discipline level within and between institutions. And faculty are VERY good at doing research to discover these things. When many of us review proposals from peer institutions, we see the salaries of the PIs and are often floored by the huge difference between theirs and ours.

Jack Finney indicated this morning that we are still not at the level of faculty we had in 2001 yet we have 4,000 new students. We are being asked to do more with inadequate compensation.

Not unrelated to this is the appropriate compensation for our GTAs and GRAs. These graduate students are vital to our teaching and research missions. The experience of many departments is that they are having difficulty in attracting the best graduate students because stipends are low. This is a real barrier to the quality and growth of our graduate programs. While GTAs and GRAs have their tuition covered, they still have to pay significant fees and so their net stipends are even lower than the advertised. The Board has recently approved some programs where investments in stipends are considerably higher than departments can muster. The rationale provided is that those are the stipends needed for attracting the best students. We agree with that and point out that the same rationale is true for departmental GTAs and GRAs and investments must be applied there as well.

Ladies and Gentlemen, there are two givens that are fairly clear by looking at BOV documents over the last 5 years and even further back. One - VT has not been successful in meeting salary targets. Two - we cannot count on the state to provide the

money we need.

The faculty are not naive and recognize that the university has had some tough times over the past ten years and that this problem requires significant resources to solve. It is a truism that we will "never" have enough money to do all that we want to do. Board member Treacy and I had quite a discussion on this. But "where" we spend that money indicates the value we place on that "where". Right now, the message to faculty is that, despite a constant reiteration of the 60th percentile goal, the faculty do not appear to be a priority for the university. My report to the board last time talked about the need to restore balance in our internal investments and this is a specific restatement of that talk. We need to balance the investments we have made in infrastructure and institutes with investments in faculty and departments.

So, the faculty respectfully ask that a comprehensive and *concrete* plan be developed not only reiterating the salary goals, but also identifying *specific strategies* that will be used to make investments in our faculty and graduate programs and to reach the compensation goals appropriate for our size, quality and mission.

Thank you.

Respectfully,

Joseph S. Merola Faculty Representative to the Virginia Tech Board of Visitors