

Virginia Tech Board of Visitors Meeting

November 8, 2004

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Information Session

[Remarks](#) made by the Faculty Senate president and the [Graduate Student representative](#) during the Information Session the Sunday before the Board of Visitors meeting.

MINUTES

November 8, 2004

The Board of Visitors of Virginia Polytechnic Institute and State University met on Monday, November 8, 2004, at 1:05 p.m. in the Torgersen Hall Board Room at Blacksburg, Virginia.

Present

Absent

Mr. Michael Anzilotti
 Ms. Beverley Dalton
 Mr. Ben J. Davenport, Jr.
 Mr. Robert L. Freeman, Jr.
 Mr. L. Bruce Holland
 Dr. Hemant Kanakia
 Mr. John R. Lawson, II
 Ms. Sandra Stiner Lowe
 Mr. Jacob A. Lutz, III
 Mr. A. Ronald Petera
 Mr. Thomas L. Robertson
 Mr. John G. Rocovich, Jr.
 Mr. James W. Severt, Sr.
 Mr. Philip S. Thompson
 Dr. W. Samuel Easterling, President, Faculty Senate
 Ms. Melinda R. Cep, Undergraduate Student Representative
 Mr. Marcus C. Ly, Graduate Student Representative

Also present were the following: Dr. Charles Steger, Dr. Erv Blythe, Mr. Ralph Byers, Mr. Jerry Cain, Mr. Denny Cochran, Dr. Lanny Cross, Dr. Karen DePauw, Dr. Ben Dixon, Dr. John Dooley, Mr. Bill Elvey, Dr. Brad Fenwick, Dr. Elizabeth Flanagan, Dr. David Ford, Ms. Kay Heidbreder, Mr. Larry Hincker, Mr. James Hyatt, Dr. Pat Hyer, Mr. Kurt Krause, Dr. Mark McNamee, Ms. Terri Mitchell, Ms. Kim O'Rourke, Mr. Mark Owczarski, Ms. Ellen Plummer, Ms. Kathy Sanders, Mr. Dwight Shelton, Mr. Ken Smith, Ms. Sandy Smith, Dr. Ray Smoot, Dr. Ed Spencer, Mr. Jeb Stewart, Dr. Tom Tillar, Dr. Lisa Wilkes, Ms. Linda Woodard, Ms. Teresa Wright, faculty, staff, students, guests, and reporters.

Mr. Davenport asked for a motion of approval of the minutes of the August 23, 2004, meeting as distributed. The motion was made by Mr. Davenport and seconded by Mr. Lutz. The minutes were approved.

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REPORTS OF THE SPECIAL COMMITTEE ON RESEARCH

Mr. Thompson gave a report of the Special Committee on Research. (Copy filed with the permanent minutes and marked Attachment A.)

Mr. Thompson commented that there is a fair amount of work to do before the next meeting. Consideration will be given to getting a third party to help figure out how to create the new model that will be used and try to do it in a way that puts in place a framework that rationalizes all the issues and concerns of all the constituents involved in the process so we create the right thing for Virginia Tech to take the next bold step. That is the challenge before us and that is what we must do long before the next meeting.

Mr. Davenport thanked the committee for their vision and commented that we have a better understanding where we are headed. It is an exciting time for the university.

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REPORT OF THE ACADEMIC AFFAIRS COMMITTEE

Mr. Davenport called on Ms. Lowe for a report of the Academic Affairs Committee. (Copy filed with the permanent minutes and marked Attachment B.)

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

Resolution for Approval of Collaboration between Virginia Tech and the University of Maryland, Baltimore

That the Board of Visitors endorses the proposed collaboration between Virginia Tech and the University of Maryland, Baltimore.
(Copy filed with the permanent minutes and marked Attachment C.)

REPORT OF THE BUILDINGS AND GROUNDS COMMITTEE

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

Mr. Lawson commented on the tour of the Virginia Bioinformatics (VBI) facilities adding that this will give a renewed enthusiasm about what is being done at Virginia Tech and the value of our research efforts. The work is world-class. The people, the facility, and the enthusiasm comes across very strongly. He encouraged all Board members to tour the facilities.

Mr. Freeman also encouraged such a tour by the Board. Mr. Lutz suggested a future information session be held at the VBI facilities.

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

Resolution on Appointments to the Blacksburg-Christiansburg-VPI Water Authority

That the resolution that John W. Kirby and C. William Smith be reappointed as members at large to the Blacksburg-Christiansburg-VPI Water Authority Board of Directors for a four-year term expiring August 31, 2008 be approved. (Copy filed with the permanent minutes and marked Attachment E.)

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

Resolution for Quitclaim Deed for New Kent County Property

That the resolution authorizing the Vice President for Business Affairs to execute a Quitclaim Deed to Patriots Landing Management Corporation be approved. (Copy filed with the permanent minutes and marked Attachment F.)

REPORT OF THE FINANCE AND AUDIT COMMITTEE

Mr. Davenport called on Mr. Lutz for the report of the Finance and Audit Committee (Copy filed with the permanent minutes and marked Attachment G.)

Mr. Lutz was very complimentary of Mr. Hyatt and his staff and their working relationship with the Finance and Audit Committee.

Mr. Lutz commented on the first-class internal audit department at Virginia Tech. They work very hard in their area and have great cooperation throughout the university. Part of what they have done recently is to conduct an internal review on how well they are doing their own job. They provided a statement of all outstanding audit comments received on how they are doing their work and their response to each of those items for the Audit Committee to review.

In regard to write-off of delinquent accounts, Mr. Lutz commented that this is looked at closely every year. There are new procedures in place where many of these accounts are sent to outside counsel after they first go to the Office of the Attorney General. The write-off percentage of all accounts receivable within the university continues to go down yearly. With an operation the size of Virginia Tech, this is a fairly nominal amount. Although we do not like to write off anything, a lot of this involves accounts of \$30, \$40 or \$50 for electric services or delinquent student fees. For anyone whose account is written off and wants to do business with Virginia Tech in the future, they must satisfy these accounts.

As part of the Finance and Audit Committee report, Mr. Lutz made a motion that the Board of Visitors accept the four audit reports as presented in the committee report (Attachment G), seconded by Mr. Rocovich, and was approved unanimously.

**Office of the University Bursar, Cash Receipts and Disbursements
Office of Scholarships and Financial Aid
University Controller, Fixed Assets Equipment and Inventory Services
Athletics, NCAA Compliance**

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As part of the Finance and Audit Committee report, the following resolution was moved by Mr. Lutz, seconded by Mr. Thompson, and was approved unanimously:

**Resolution for Approval of
The Year-to-Date Financial Performance Report
(July 1, 2004 – September 30, 2004)**

That the report of income and expenditures for the University Division and the Cooperative Extension/Agriculture Experiment Station Division for the period of July 1, 2004 through September 30, 2004 and the Capital Outlay report be accepted. (Copy filed with the permanent minutes and marked Attachment H.)

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As part of the Finance and Audit Committee report, the following resolutions were moved by Mr. Lutz, seconded by Mr. Thompson, and were approved unanimously:

**Resolution for Approval to
Execute Banking and Security Agreements
General Corporate Banking and Investment Resolution**

That the resolution allowing the authorized officers to open accounts, authorize checks and transfer funds be approved. (Copy filed with the permanent minutes and marked Attachment I.)

and

**Resolution for Approval to
Execute Banking and Security Agreements
General Securities Resolution**

That the resolution allowing the authorized officers to execute security transactions on behalf of the university be approved. (Copy filed with the permanent minutes and marked Attachment I.)

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

**Resolution for Approval of
Pratt Fund Program and Expenditures Report
Engineering**

That the 2003-04 Pratt Funds Activities Statement for the College of Engineering be approved. (Copy filed with the permanent minutes and marked Attachment J.)

and

**Resolution for Approval of
Pratt Fund Program and Expenditures Report
Animal Nutrition**

That the 2003-04 Pratt Funds Activities Statement for Animal Nutrition be approved. (Copy filed with the permanent minutes and marked Attachment J.)

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REPORT OF THE STUDENT AFFAIRS COMMITTEE

Mr. Davenport called on Mr. Anzilotti for the report of the Student Affairs Committee (Copy filed with the permanent minutes and marked Attachment K.)

Mr. Anzilotti commented that the Student Affairs Committee challenged Dr. Cross to put them in front of as many students and student groups as possible throughout the year and to experience university life to the extent that we can. The Student Affairs Committee was very fortunate to have breakfast with student leaders from the Commission on Student Affairs. There was excellent feed-back from the student leaders and they were encouraged to continue the dialogue formally at meetings and/or through e-mail. Breakfast was at the new dining facility D2. Mr. Anzilotti also encouraged the Board members to visit this facility. This is a renovation of the old Dietrick Dining Hall completed in 1970. This facility is like West End expanded. This is a first-class facility. There has been a 32 percent increase in lunches and dinners served in the short time they have been open. There is a large diversity of foods serving as many as 1066 people at one time.

Mr. Anzilotti shared that Virginia Tech has 2130 international students representing 117 countries with a 3 to 1 breakdown of graduates and undergraduates.

Mr. Anzilotti commented that alcohol abuse is a problem not only at Virginia Tech but at most universities. Virginia Tech is taking a proactive approach to dealing with this problem.

Mr. Anzilotti noted that he thanked Mr. Shawn Braxton for his very positive and professional presentation. There was a very good dialogue. Mr. Anzilotti continued to talk with Mr. Braxton following the meeting. Although there is more to be done to continue to improve the university climate, Mr. Anzilotti made it very clear that the Student Affairs Committee's charge is to do just that.

PRESIDENT'S REPORT ITEMS FOR BOARD APPROVAL AND INFORMATION

Mr. Davenport asked everyone to rise as resolutions honoring First Lieutenant Jeffery J. Kaylor and First Lieutenant Timothy E. Price were read followed by a moment of silence.

As part of the President's report, the following resolution was moved by Mr. Lutz and seconded by Mr. Thompson, and was approved unanimously:

Resolution Honoring First Lieutenant Jeffrey J. Kaylor

That the resolution honoring First Lieutenant Jeffrey J. Kaylor be approved.
(Copies filed with the permanent minutes and marked Attachment L.)

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

Resolution Honoring First Lieutenant Timothy E. Price

That the resolution honoring First Lieutenant Timothy E. Price be approved.
(Copies filed with the permanent minutes and marked Attachment L.)

Mr. Davenport called on President Steger for the remainder of the President's Report.

As part of the President's report, President Steger made the following statement at the Board of Visitors open session.

**President's Statement to the Board of Visitors
On the NAACP Hate Crime Incident**
(Copy filed with the permanent minutes and marked Attachment M.)

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As part of the President's report, President Steger announced to the Virginia Tech Board of Visitors that the university and The Institute for Genomic Research (TIGR) of Rockville, Maryland, have signed a memorandum of understanding. Virginia Tech has been working for over six months to outline the basis of what will be an extraordinarily successful collaboration between Virginia Tech (all of our areas, but particularly Bioinformatics) and The Institute for Genomics Research (TIGR). TIGR is responsible for the human genome sequencing. President of TIGR Claire Fraser is one of the leading scientists. Virginia Tech feels that joining our forces, pursuing some major research opportunities will advance the welfare of mankind and provide an opportunity for each of us to build on the other's strengths and create a scientific enterprise that will be among the premier institutions, if not the premier institution of its type in the world. There will be mutual collaborations in the future in terms of sharing staff, resources and joining together to pursue significant research opportunities. This is a major step forward. In the evaluation of the positioning of Virginia Tech research programs, and based on Dr. Fenwick's analysis, repositioning us to work in these areas is the key to our program success. This is a significant step forward and a major accomplishment.

Mr. Davenport, on behalf of the Board of Visitors, congratulated President Steger, Provost McNamee, Dr. Fenwick and others on this negotiation that has the potential to move our research to a much higher level.

**Virginia Tech, TIGR Sign Memorandum for New Alliance
Press Release**
(Copy filed with the permanent minutes and marked Attachment N.)

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As part of the President's Report, President Steger shared the enrollment report noted below. President Steger commented that undergraduate enrollments fluctuate. Graduate enrollments have been relatively steady.

President Steger called on Provost McNamee for comments regarding summer school. Provost McNamee commented that the summer school program has not changed much over the past eight or nine years. Provost McNamee will take a fresh look at revitalizing through possible incentive based financial planning. A full-scale review will be conducted to determine how best to position the program as an independent enterprise to improve access for students.

**Review of the Enrollment Report for First and Second Summer Sessions, and
Fall Semester 1995-2004**

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

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As part of the President's Report, Mr. Davenport shared the wording of the ACC Certification Form. A motion for adoption was made by Mr. Davenport, seconded by Mr. Rocovich, and was approved unanimously:

**ACC Certification Form
For Discussion (no Board action required)**

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

Motion to begin Closed Session

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

1. Appointment of faculty to Emeritus status, the consideration of individual salaries of faculty, consideration of Endowed Professors, approval of the conflict of interest report, 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.
2. The status of current litigation and briefing on actual or probable litigation.
3. Consideration of special awards.

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

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

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. Mr. Davenport called the meeting to order and asked Mr. Lutz to make the motion to return to open session.

Mr. Lutz 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 provisions of The Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3712 of the Code of Virginia 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. Thompson and passed unanimously.

Mr. Davenport called on Dr. Dixon who shared with Board members a copy of "Prism," the newest publication with respect to diversity and multicultural affairs. This is a news-magazine that is targeted to Virginia Tech alums, particularly alums of color. This publication addresses diversity issues on campus. This publication will begin to address the concerns regarding communication. "Prism" will be published twice each year. The purpose is to help alums help Virginia Tech in regard to diversity issues. Dr. Dixon asked for comments from the Board members. Rector Davenport commented that the Board may want to have information included in this publication.

On recommendation of Mr. Davenport, and after motion by Mr. Lutz and second by Mr. Rocovich, unanimous approval was given to the resolution for approval of **External Awards** (2), as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Q.)

On recommendation of Mr. Davenport, and after motion by Mr. Lutz and second by Mr. Rocovich, unanimous approval was given to the resolutions for approval to **Name University Facilities** (2), as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment R.)

On recommendation of Mr. Davenport, and after motion by Mr. Lutz and second by Mr. Rocovich, unanimous approval was given to the resolutions for approval of **Emeritus Status** (5), as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment S.)

On recommendation of Mr. Davenport, and after motion by Mr. Lutz and second by Mr. Rocovich, unanimous approval was given to the resolutions for approval of **Endowed Professorships** (2) as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment T.)

On recommendation of Mr. Davenport, and after motion by Mr. Lutz and second by Mr. Rocovich, unanimous approval was given to the resolution for approval of **Change of Duty Station** (1) as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment U.)

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On recommendation of Mr. Davenport, and after motion by Mr. Thompson and second by Mr. Rocovich, unanimous approval was given to the **Resolution for the Ratification of the Personnel Changes Report**, as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment V.) These items have been reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

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On recommendation of Mr. Davenport, and after motion by Mr. Thompson and second by Mr. Rocovich, approval was given to the **Resolution for Ratification of Research and Development Disclosure Report** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment W.) This item has been reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

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On recommendation of Mr. Davenport, and after motion by Mr. Thompson and second by Mr. Rocovich, approval was given to the **2004-05 Faculty Salary Program** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment X.) This item has been reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

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On recommendation of Mr. Davenport, and after motion by Mr. Lutz and second by Mr. Thompson, approval was given to the **Bonuses for the BCA Football Classic** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Y.)

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On recommendation of Mr. Davenport, and after motion by Mr. Thompson and second by Mr. Rocovich, approval was given to the **Resolution for Approval of Clifton Garvin Fellowship Award** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Z.) This item has been reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

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On recommendation of Mr. Davenport, and after motion by Ms. Lowe and second by Mr. Thompson, approval was given to the **Resolution for Approval of Partial Waiver of Return Service Obligation** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment AA.) This item has been reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

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**LITIGATION REPORT
CLOSED SESSION ITEM**

Heard Litigation Report. No Board Action Required.

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Dates for the next meeting are March 13-14, 2005.

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The meeting adjourned at 3:00 p.m.

Board of Visitors
Special Committee on Research
Minutes

1:30 p.m.—Executive Conference Room, Donaldson Brown Conference Center

November 7, 2004

Committee Members Present: Mr. Philip S. Thompson, Committee Chair, Ms. Sandra Stiner Lowe, Mr. John R. Lawson, II, Mr. Jacob A. Lutz, Mr. Michael Anzilotti, Mr. Ben J. Davenport, Jr.

Committee Members Absent: None

Other Attendees: Dr. Charles Steger, Dr. Mark McNamee, Dr. Brad Fenwick, Dr. John Wilson, Dr. Ray Smoot, Ms. Kay Heidbreder, Mr. James Hyatt, Mr. Hemant Kanakia, Mr. Marcus Ly, Mr. Gene Fife, Dr. James B. Weaver, Dr. Terry Herdman, Mr. Ed McPherson, Mr. Ralph Byers, Mr. Larry Hincker, Mr. Kevin Miller (Roanoke Times), and Ms. Pamela Pettry

Opening Comments: Mr. Thompson called the meeting to order at 1:35 p.m. He noted that he was absent at the last meeting and that the meeting had gone on without him. He called on Dr. Steger for his welcome.

Welcoming Comments from Dr. Steger: Dr. Steger welcomed the attendees and applauded their dedication to be in a meeting on a beautiful afternoon more conducive to a good golf outing.

Approval of August 22, 2004 Minutes: Mr. Thompson asked for a motion on the approval of the minutes. Mr. Lutz moved and Mr. Lawson seconded the motion. The motion was unanimously approved.

Research Portfolio Balance – Dr. Fenwick: Dr. Fenwick began his remarks by noting that he has now been on the job for 79 working days and is pleased that so much has been accomplished during that short time.

Dr. Fenwick presented information about the federal research priorities and the actions that Virginia Tech would have to take to align with the life sciences funding from NIH. He noted that NIH controls 52 percent of all federal research funds while only 10 percent of Virginia Tech's portfolio comes from NIH. He compared the levels of Virginia Tech with its SCHEV peers and with non-medical schools, observing that Virginia Tech is very low in either comparison.

In response to the need to re-orient the portfolio into the health sciences, he reviewed a number of actions that the university is taking in that area including forming partnerships with entities to complement the Virginia Tech strengths including the University of Maryland at Baltimore and The Institute for Genomic Research—both of which will be further discussed during the Board of Visitors meetings. He reviewed the research indicators for the first quarter compared to that same quarter last year. There has been a 51 percent growth in proposals and a 26 percent growth in awards—good news for the direction of the research

enterprise. He also noted that the first quarter has seen eight awards in excess of \$1 million, a result that equals the total year's production of such large grants from the entire year in 2004.

Mr. Lutz asked whether the reported increased size of proposals was a real effect or a statistical anomaly. Dr. Fenwick indicated that the trend is real, both because of the federal direction to seek larger projects and the Virginia Tech faculty's response to those trends. Mr. Kanakia asked if the trend for larger projects was only NIH or also for other agencies such as DARPA and DOE. Dr. Fenwick responded that it is a trend across government. Mr. Fife asked how the dollar value of awards translates into research expenditures. Dr. Fenwick noted that awards are often multi-year and the expenditures will occur over some time period consistent with the time of the award.

Technology Transfer – Dr. Fenwick and Ms. Heidbreder: The second part of the presentation was aimed at technology transfer and was shared between Dr. Fenwick and Ms. Heidbreder, University Counsel. This presentation highlighted the framework for intellectual property negotiations from federal laws, state laws, Internal Revenue Service rulings and university policies. An extended discussion accompanied this part of the presentation.

Among the points of discussion were the following.

Mr. Lutz asked how the university is dealing with IRS restrictions in its negotiations. The response was that it is permissible to offer first right of refusal for future negotiation for licenses and that approach is used extensively. Mr. Kanakia observed that all universities would have similar constraints and asked how they were approaching the negotiations. He also asked if we have optimized our approach to maximize research funding. The response was that Virginia Tech is using similar approaches to other universities, but has a different set of constraints under Virginia law. Mr. Kanakia feels that we cannot be satisfied to be "relatively well-positioned" but must have the "best" and most flexible negotiation position to attract industrial sponsors. Mr. Thompson noted that the challenge is to find the optimum flexibility and should analyze the current model and determine how it needs to be changed to develop an optimum approach. He noted that he is frustrated with the slow pace in developing that better approach. Mr. Kanakia believes that the university is not filing enough patents from the invention disclosures to develop a substantial IP portfolio.

Dr. Steger noted an analogy from some years past when the university was receiving gifts of real estate and needed to develop processes to make the acceptance of the gifts easy for donors. He suggested that a similar process improvement might be needed in the IP area. Mr. Kanakia and Mr. Davenport observed that we seem to be focused on what we cannot do, rather than looking for an improved result.

Dr. Fenwick suggested that there are some resource limitations as well as other constraints. Mr. Thompson responded that the University can prioritize its uses of resources and should be identifying internal constraints as well as state constraints that should be communicated to the state government, and then design a process to achieve an end result and change the speed of achievement of the objectives to meet top 30 strategic goals.

Mr. Kanakia suggested that a template be developed to ease the negotiation process. Dr. Fenwick said that such a template is being developed. Mr. Davenport asked when it will be ready and Dr. Fenwick answered it would be ready by the next Board meeting.

Mr. Lawson asked if the university can be more entrepreneurial and go out to market its technologies. The supercomputer was suggested as something that could be sold. Dr. McNamee noted that the faculty members do “market,” and cited an example of an “extension office” approach to Homeland Security that has won a \$2 million grant for such a northern Virginia office.

Mr. Kanakia suggests that the University needs to move away from a “can’t do that mentality” and look for new approaches—develop incentives for inventors to market their technologies or bundle the patent portfolio and have an outside entity market it. Dr. Fenwick noted that such efforts are done, but more ad hoc than organized approaches.

Mr. Thompson summarized the discussion by noting that he senses defensive responses to the member’s comments and suggestions. He noted that they are looking for some breakthrough “by design” thinking and order of magnitude change and not complacent, business-as-usual reactions. He believes that without such changes, the top 30 goals will be difficult to achieve.

Adjournment: Without further discussion, Mr. Thompson adjourned the meeting at 2:49 p.m.

PARTIAL WAIVER OF RETURN SERVICE OBLIGATION

Faculty members who are approved for study-research leaves sign a memorandum of agreement obligating them to return to full-time service at Virginia Tech for a period of at least one academic year, or they are required to pay back the salary received during the leave. Return for part of the period reduces the remaining financial obligation proportionally.

Dr. Charles Baffi, associate professor of teaching and learning, was on approved study-research leave with half pay for the academic year 2003-04 to conduct research at the National Cancer Institute's postdoctoral cancer prevention program in Bethesda, Maryland. Dr. Baffi returned to full-time service at Virginia Tech for fall term 2004 and will have completed half of the required return service obligation. It is in the university's interest to allow Dr. Baffi to resign at the end of fall term and to forgive the remaining one semester obligation.

RECOMMENDATION:

That the remaining one-semester obligation for full-time service following a study-research leave be waived for Dr. Charles Baffi, and that he be allowed to resign at the end of fall term 2004 with no financial penalty.

November 8, 2004

Minutes of the Academic Affairs Committee
November 8, 2004

Members present: Sandra Stiner Lowe, Hemant Kanakia, Beverley Dalton, Ben Davenport, Marcus Ly.

Guests: Mark McNamee, David Ford, Patricia Hyer, Keohi Council, Karen DePauw, John Dooley, Brad Fenwick, Benjamin Dixon, Norrine Bailey Spencer, Susanna Rinehart, Peggy Layne, Elizabeth Creamer, Beate Schmittmann, Nancy Love, Sally Harris, Kevin Miller, Larry Hincker, and a number of other guests.

OPEN SESSION:

Minutes of the August 23, 2004 meeting were approved with no changes.

Provost's Update:

Dr. McNamee gave an overview of the plan for the meeting, including attention to the three topics that the committee has identified for special attention: faculty affairs, diversity, and graduate education. Recent events remind us how much more work we need to do in the area of diversity.

Faculty Affairs – *AdvanceVT*:

Virginia Tech is one of 19 institutions that received major grants from the National Science Foundation to transform the academic environment in ways that will enhance the participation and advancement of women in science and engineering. Members of the *AdvanceVT* team outlined the four major elements of the five-year project, including: pipeline issues for doctoral students and postdoctoral fellows, recruitment and retention of women faculty, leadership development, and review and development of policy. 47% of the new tenure-track faculty hires university wide this fall were women, the highest proportion ever at Virginia Tech. Progress at the assistant professor level is not yet mirrored at the senior level where women are seriously underrepresented at the full professor rank, in departmental or college professorships and chairs, and as academic department heads. Among the many issues identified that need attention are child care, dual career hires, flexible career paths, and increased understanding of the issues and commitment to change by department heads and male faculty.

Dr. Kanakia asked for a better understanding of the specific problems that were being addressed by the project activities. Ms. Layne responded that there are issues at every stage of the educational pipeline and career path that reduce the number of women moving on to the next level. Women are less likely to take science and mathematics courses, complete advanced degrees, enter academic careers, receive tenure, and so on. Ms. Lowe urged the team and Provost to consider the relationship between *Advance* leadership development initiatives and succession planning, especially for senior level administrative positions.

Diversity:

The working document prepared in July 2004 for the Academic Affairs Committee of the Board presents an opportunity for the university to focus attention on diversity issues. Dr. McNamee shared data on women and minority faculty and minority undergraduates as a context for discussion. The committee discussed the decline in African American faculty over the last several years and expressed an interest in meeting with African American tenure track faculty to create additional avenues for communication. The chair and entire committee urged the provost to develop an *institutional* approach to address issues, much as that described for the Advance program. The rector stated that the Board wants to be very clear about its commitment to diversity, and they want to communicate that commitment to internal and external audiences in any way that will be effective. Real progress in increasing diversity requires transformation of institutional policies, practices, and pedagogy, not simply adding more students or faculty of color. A number of strategies will be pursued over the next several years to improve the climate for underrepresented groups, increase representation of women, persons of color, and those with disabilities, and to give greater coherence and visibility to the many initiatives already in place.

The committee expressed an interest in a brief presentation on admissions strategies for Hispanic students and on questions of retention by race and ethnicity. A timeline, benchmarks and/or a “scorecard” for diversity should be developed so that the university and the Board can track progress. Dr. Kanakia recommended that the administration develop some critical programs or signals to the university community that will effectively communicate the commitment to change and set the expectation for widespread campus involvement in the process. Building on the working document developed this summer, the rector and committee agreed that the Board should consider and adopt a statement at their March meeting that would reaffirm their strong commitment to progress in diversity.

Graduate Education:

Dean DePauw gave an update on several initiatives included in the business plan for graduate education, including progress on increasing funding for new assistantships, subsidies for graduate student health insurance, and conversion of the Donaldson Brown facility into a graduate life center.

Collaboration Agreement with University of Maryland, Baltimore

A resolution endorsing the proposed collaboration between Virginia Tech and the University of Maryland, Baltimore was reviewed and approved. The collaboration between the VT College of Veterinary Medicine and the UMB School of Medicine anticipates joint research, faculty and student exchanges, and the development of dual degree programs.

Pratt Funds:

The report of Pratt fund expenditures for 2003-04 for Animal Nutrition and in the College of Engineering was reviewed and ratified, pending parallel action by the Finance and Audit Committee.

CLOSED SESSION:

Dr Kanakia moved that the committee convene in Executive Session. The motion was seconded and approved. Issues included approval of recommendations of conferral of emeritus status, appointment to endowed professorships, change of duty station, faculty merit adjustments, a Clifton Garvin Fellowship Award, partial waiver of return service obligation, and ratification of the research and development disclosure report and the faculty personnel changes report. The recommendations were approved. The committee then formally closed and certified the Executive Session.

COLLABORATION WITH UNIVERSITY OF MARYLAND, BALTIMORE

WHEREAS, the Virginia Tech Board of Visitors has requested a briefing on pending collaborative agreements involving health-related initiatives and the opportunity to review and endorse the general concept of such collaborations; and

WHEREAS, the College of Veterinary Medicine and the University of Maryland, Baltimore Department of Epidemiology and Preventive Medicine and the Comparative Medicine Program of the School of Medicine have mutual interest in biomedical and public health research; and

WHEREAS, the parties to the collaboration anticipate joint research, faculty and student exchanges, and the development of dual degree programs, with mutual benefits flowing from such collaboration; and

WHEREAS, the draft memorandum of agreement is attached for information purposes;

THEREFORE be it resolved that the proposed collaboration with the University of Maryland, Baltimore and Virginia Tech be approved for further negotiation and development.

RECOMMENDATION:

That the Board of Visitors endorses the proposed collaboration between Virginia Tech and the University of Maryland, Baltimore.

DRAFT MEMORANDUM OF UNDERSTANDING

This Memorandum of Agreement dated this ____ day of _____, 2004 by and between Virginia Polytechnic Institute and State University ("Virginia Tech") a state agency and institution of the Commonwealth of Virginia, located in Blacksburg, Virginia, and the University of Maryland, Baltimore (UMB), a state agency and institution of the state of Maryland.

RECITALS

WHEREAS, both Virginia Tech and UMB share an interest in Biomedical and Public Health Research; including zoonoses, food security, environmental/ecosystem change and degradation and research initiatives in bioterrorism and emerging pathogens, and;

WHEREAS, both institutions have research programs that can serve to complement each other, especially in collaborative efforts to increase research funding for the institutions, graduate education and professional training in Veterinary Public Health and Comparative Medicine; and

WHEREAS, both institutions desire to establish dual degree program through the Virginia Tech College of Veterinary Medicine and the UMB Department of Epidemiology and Preventive Medicine and the Comparative Medicine Program of the School of Medicine.

ACCORDINGLY, THE PARTIES AGREE AS FOLLOWS:

- I. The parties agree to promote mutual cooperation, exchange and research in the fields of veterinary, biomedical and public health sciences.
- II. The parties agree to study the feasibility of establishing a jointly operated program.
- III. The parties agree to facilitate development of appropriate dual degree programs.
- III. Areas of mutual cooperation between the parties may include, but is not limited to:
 - A. Cooperative Research Efforts
 1. To initiate this effort for fiscal year 2005, one Virginia Tech faculty member will be involved in planning and facilitating projects related to the interface between livestock, wildlife, companion animal medicine and human health.
 - B. Faculty Exchanges
 - C. Student Exchanges

1. Upon execution of this Memorandum of Agreement, the parties agree to appoint a committee consisting of an equal number of members from each institution to design, plan and develop implementation strategies whereby DVM students could complete part of their track rotation requirements at UMB.

2. Through this same committee structure, the parties will work to establish a dual degree program that will include a Masters of Public Health (MPH) at UMB and a DVM at Virginia Tech. As part of these discussions, the parties will explore establishment of a joint admissions process whereby students will be simultaneously accepted for enrollment in both the MPH and DVM programs at UMB and Virginia Tech, respectively.

3. Discussions on establishment of these degree programs will include, as necessary, harmonization of the relevant graduate and professional curricula at Virginia Tech and UMB.

IV. The parties agree that in their discussions to establish collaborative research and dual degree programs, they will negotiate in good faith a formal Collaboration Agreement. Said agreement shall only be signed upon the approval of the Governing Board of each institution. Said Collaboration Agreement will address, at a minimum, the following:

- (a) Location and Facilities of Dual Programs
- (b) Administrative Structure of Dual Programs
- (c) Funding for Dual Programs
- (d) Nature of Collaborative Research
- (e) Sharing of Resources and Faculty
- (f) Intellectual Property
- (g) Admission and degree requirements for dual degree programs
- (h) Curricula for dual degree programs

V. As part of the planning efforts for an Institute, the following individuals will be the primary point of contact and person responsible for the collaborative discussions:

For Virginia Tech:

Gerhardt G. Schurig
Dean
College of Veterinary Medicine
Blacksburg VA 24061

For University of Maryland, Baltimore

Donald E. Wilson, MD, MACP
Vice President for Medical Affairs and Dean, School of Medicine
University of Maryland Baltimore
Baltimore, MD 21201

VI. The parties agree that any joint degree program will need to be approved by the applicable state educational agencies and accrediting bodies for the respective institutions before any program becomes effective.

VII. Each party agrees to bear its own costs and expenses in the furtherance of this Memorandum of Understanding.

VIII. This Memorandum shall continue in full force and effect until:

- (a) It is superseded by a written collaboration agreement signed by both parties or
- (b) Two years from the effective date of this Agreement, unless
- (c) Terminated sooner by mutual agreement of the parties.

IX. This Memorandum will become effective as of the date first noted above.

X. Nothing contained in this Memorandum of Understanding shall prohibit the parties from entering similar arrangements with third parties concerning the matters contained in the Memorandum of Understanding.

XI. This Memorandum contains the complete understanding of the parties and cannot be amended except by written agreement of both parties.

**VIRGINIA POLYTECHNIC
INSTITUTE & STATE UNIVERSITY**

**UNIVERSITY OF MARYLAND,
Baltimore**

BY _____
ITS _____

BY _____
ITS _____

Charles W. Steger, PhD
President, Virginia Polytechnic
Institute and State University

David J. Ramsay, DM, DPhil
President, University of Maryland,
Baltimore

**MINUTES OF THE BUILDINGS AND GROUNDS COMMITTEE
OF THE BOARD OF VISITORS
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**

November 8, 2004

Donaldson Brown Hotel and Conference Center

PRESENT

Board of Visitors Members:

Mr. Robert L. Freeman, Jr.
Mr. John R. Lawson, II
Mr. James W. Severt, Sr.

VPI & SU Staff:

Mr. Dennis C. Cochran
Mr. William M. Elvey
Mr. Z. Scott Hurst
Mr. Kurt J. Krause
Ms. Elizabeth D. Reed

Guests:

Ms. Susan Dickerson – News Bureau Manager, University Relations
Dr. Elizabeth Flanagan – Vice President for Development and University Relations
Mr. Steven Gift – Hanbury, Evans, Wright, Vlattas Architects
Mr. Larry Hincker - Associate Vice President, University Relations
Dr. Eileen Hitchingham – Dean of Libraries
Ms. Lucinda Jennings – Programming Director, Office of the University Architect
Mr. Keith Storms – Hanbury, Evans, Wright, Vlattas Architects
Dr. Diane Zahm, Faculty Senate

OPEN SESSION

Opening Comments: Mr. Lawson called the meeting to order at 8:05 a.m. Mr. Severt, moved the Committee enter into Closed Meeting to discuss the acquisition, use, or disposition of real property; pursuant to §2.2-3711.3, Code of Virginia, as amended. The motion passed unanimously.

CLOSED MEETING

The Committee met in a Closed Meeting to discuss the acquisition, use, or disposition of real property. Mr. Severt moved the Committee be reconvened in Open Session at 8:45 a.m. The motion passed unanimously. The Committee members individually certified that, pursuant to §2.2-3712, the Closed Meeting was conducted in conformity with the Code of Virginia.

OPEN SESSION

- 1. Report of Closed Meeting:** Mr. Lawson reported that the Committee met in Closed Meeting to discuss acquisition, use, or disposition of real property. No actions were taken.
- 2. Approval of Minutes:** The minutes of the August 23, 2004 meeting were unanimously approved.
- 3. Capital Outlay Project Status Report:** The Committee reviewed the status of all capital projects in design, out for bid or under construction. These included eight projects in the design phase, and four under construction. Given the importance of having the Stadium Expansion project completed for the 2005 football season, Mr. Lawson stressed the need for all parties to be working closely together during construction.
- 4. Update on the Campus Master Plan:** The Committee received a presentation on the status of the Campus Master Plan from Keith Storms and Steven Gift of Hanbury, Evans, Wright, and Vlattas Architects. Three critical components of the plan are access, infrastructure and research. Access includes both transportation and parking, while infrastructure analysis will emphasize utilities and storm water. The distribution of steam and chilled water are major concerns today. As the plan is developed, the intent is to preserve and extend the core qualities of the University, and to keep a focus on the long-range. The Master Plan will look at both a 10-year and 20-year period. Siting of additional facilities needed to support the growth of the research program will be a priority for the plan. The Life Science District and north campus area will be the focus for the first 10 years, and the Golf Course District for the following 10 years. A more detailed Upper Quad plan will be a subset of the overall Campus Master Plan. The Architects discussed the timeline for the plan development. The updated Campus Master Plan will be presented to the Board of Visitors during the March 2005 meeting. The Committee provided guidance for how to prepare this presentation.
- 5. Update on Campus Beautification:** The Committee received a presentation on the current and proposed campus beautification program from Mr. Hurst. Landscape improvements include street trees and parking lot landscapes, quadrangle and green space improvements, stream stabilization and campus entrances. Hardscape and site fixtures include biographical markers and site walls, new lamping of exterior lights which provides improved lighting, new trash

containers, bicycle racks and benches. Topics of discussion included cleaning the limestone on buildings, campus signage, building plaques and the Committee's preference for Hokie stone.

6. **Inn at Virginia Tech Interior Finishes Report:** The Committee received a presentation on the selection of Interior Finishes for the Inn at Virginia Tech. Ms. Jennings provided illustrations of the interior finishes of all of the rooms using actual samples of the carpet, wallpaper, tile, countertops, trim, etc.
7. **Resolution on Appointments to the Blacksburg-Christiansburg-VPI Water Authority:** The Towns of Blacksburg and Christiansburg, and the University recommended John W. Kirby and C. William Smith for reappointment to the Board of Directors as members at large. Their current terms expired on August 31, 2004. Reappointment will extend their terms through August 31, 2008. The Committee recommended the resolution for full board approval.
8. **Resolution on Quitclaim Deed for New Kent County Property:** The University may have acquired a fractional interest in the eastern half of certain lake bottoms and earthen dams that are located in New Kent County, Virginia, as one of three residuary beneficiaries under the will of Thomas M. Brooks. Ownership of the property poses a potential liability for the University because the dams are not in compliance with the Virginia Dam Safety Act and for other reasons. Patriots Landing Management Corporation, which is developing a community adjacent to the lakes, and owns the western half, is interested in acquiring ownership of all of the lake bottoms and earthen dams in order to improve the dams and protect and preserve the lakes for the enjoyment of the people living in its community and other surrounding communities, and has requested a quitclaim deed from the University. The Committee recommended the resolution for full board approval.
9. **Tour of Virginia Bioinformatics Institute, Phases I and II:** The Committee toured the Virginia Bioinformatics Institute, Phases I and II, facilities. Mr. Lawson expressed a desire to visit the Stadium Expansion project at the next meeting.

The meeting of the Buildings and Grounds Committee adjourned at 10:50 a.m.

Respectfully submitted,

Kurt J. Krause
Vice President for Business Affairs

**RESOLUTION ON APPOINTMENTS TO THE
BLACKSBURG-CHRISTIANSBURG-VPI WATER AUTHORITY**

The Towns of Blacksburg and Christiansburg, and the University recommend John W. Kirby and C. William Smith for reappointment to the Board of Directors as members at large. Their current terms expired on August 31, 2004. Reappointment will extend their terms through August 31, 2008.

Mr. Kirby was appointed to the Board of Directors as a member at large in 1986. He is a licensed professional engineer in Virginia and is retired from Alliant Technologies where he continues to serve as a consultant. He is currently serving as Chairman of the Board.

Mr. Smith was appointed to the Board of Directors as a member at large and has served as Secretary for the Board since that time. Smith is an Alumni Distinguished Professor Emeritus at Virginia Tech, having retired from teaching in 1992. He continues to operate a research laboratory at Virginia Tech that has been supported by various federal agencies for over 30 years. He holds a professional engineer's license in Virginia.

**RESOLUTION ON APPOINTMENTS TO THE
BLACKSBURG-CHRISTIANSBURG-VPI WATER AUTHORITY**

WHEREAS, the Blacksburg-Christiansburg-VPI Water Authority consists of five directors who are responsible for the management and operation of the Authority. One director is appointed by each of the political subdivisions, and the other two are appointed jointly by the Board of Visitors and the Town Councils; and,

WHEREAS, John W. Kirby and C. William Smith, members at large, completed their terms on August 31, 2004;

NOW THEREFORE BE IT RESOLVED, that John W. Kirby and C. William Smith be reappointed as members at large to the Blacksburg-Christiansburg-VPI Water Authority Board of Directors for a four year term expiring August 31, 2008.

RECOMMENDATION:

That the above resolution that John W. Kirby and C. William Smith be reappointed as members at large to the Blacksburg-Christiansburg-VPI Water Authority Board of Directors for a four year term expiring August 31, 2008 be approved.

**RESOLUTION FOR QUITCLAIM DEED FOR
NEW KENT COUNTY PROPERTY**

The university may have acquired a fractional interest in the eastern half of certain lake bottoms and earthen dams that are located in New Kent County, Virginia, as one of three residuary beneficiaries under the will of Thomas M. Brooks, who died in 1985. Ownership of the property poses a potential liability for the university because the dams are not in compliance with the Virginia Dam Safety Act and for other reasons. Patriots Landing Management Corporation, which is developing a community adjacent to the lakes, and owns the western half, is interested in acquiring ownership of all the lake bottoms and earthen dams in order to improve the dams and protect and preserve the lakes for the enjoyment of the people living in its community and other surrounding communities, and has requested a quitclaim deed from the university.

**RESOLUTION FOR QUITCLAIM DEED FOR
NEW KENT COUNTY PROPERTY**

WHEREAS, Virginia Polytechnic Institute and State University may have acquired a fractional interest in the eastern half of certain lake bottoms and earthen dams that are located in New Kent County, Virginia, under the will of Thomas M. Brooks, which was probated in New Kent County, Virginia, in February 1985; and

WHEREAS, Patriots Landing Management Corporation, the entity developing a community on the adjoining land and owning the western half of such lake bottoms and dams, has brought to the university's attention that it is interested in acquiring the interest, if any, of Virginia Polytechnic Institute and State University of the eastern half of the lake bottoms and dams in order to bring the dams into compliance with the Virginia Dam Safety Act and thereafter protect and preserve the lakes and dams for the enjoyment of the people living in its community and the surrounding communities; and

WHEREAS, such Corporation has asked the three residuary takers under the will of Thomas M. Brooks to quitclaim their interest, if any, in the eastern half of the lake bottoms and dams to the Corporation; and

WHEREAS, the ownership of the lake bottoms and dams is a liability to the university because (1) the dams do not meet the requirements of the Virginia Dam Safety Act and legally will need to be brought up to those standards at substantial cost, and (2) the people in the communities have the perpetual right to use the lakes and berms, and, therefore, the university as an owner is potentially liable should someone be hurt or die in, on or about the lakes and dams; and

WHEREAS, the university desires to execute a Quitclaim Deed conveying all of the university's right, title and interest, if any, in the lake bottoms and dams to such Corporation;

NOW, THEREFORE BE IT RESOLVED, that the Vice President for Business Affairs be authorized to execute a Quitclaim Deed for the conveyance of said interest, if any, to such Corporation, in accordance with applicable procedures pursuant to the Code of Virginia, Section 23-4.1.

RECOMMENDATION:

That the above resolution authorizing the Vice President for Business Affairs to execute a Quitclaim Deed to Patriots Landing Management Corporation be approved.

**MINUTES OF THE FINANCE AND AUDIT COMMITTEE
OF THE BOARD OF VISITORS
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**

November 8, 2004

FINANCE CLOSED SESSION

PRESENT:

BOARD OF VISITORS: Mr. Ben Davenport, Mr. Jake Lutz, Mr. Tom Robertson, Mr. John Rocovich, Mr. Philip Thompson

VPI&SU STAFF: Ms. Kay Heidbreder, Mr. Jim Hyatt, Mr. John Rudd, Mr. Dwight Shelton, Dr. Charles Steger, Dr. Lisa Wilkes

FINANCE CLOSED SESSION: The Committee met in Closed Session to review and take action on the quarterly personnel changes report, the Research and Development Disclosure Report, the merit increases associated with the 2004-05 Faculty Salary Program, the bonuses for the BCA Football Classic, a faculty bonus recommendation, and a recommendation for partial waiver of return service obligation.

FINANCE OPEN SESSION

PRESENT:

BOARD OF VISITORS: Mr. Jake Lutz, Mr. Tom Robertson, Mr. John Rocovich, Mr. Philip Thompson

VPI&SU STAFF: Mr. Bob Broyden, Ms. Elizabeth Crumbley, Mr. John Cusimano, Mr. Larry Hincker, Mr. Jim Hyatt, Mr. Ken Miller, Mr. John Rudd, Ms. Kathy Sanders, Mr. Dwight Shelton, Dr. Raymond Smoot, Dr. Lisa Wilkes, Ms. Linda Woodard

GUEST: Mr. Kevin Miller, The Roanoke Times

1. APPROVAL OF MINUTES OF THE AUGUST 23, 2004 MEETING:

The Committee reviewed and approved the minutes of the August 23, 2004 meeting.

2. 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, 2004. The amount of write-off totaled \$508,329, which represents 0.12% (slightly more than one-tenth of one percent) of the FY03 earned revenues, including tuition and fees. Accounts are deemed uncollected only after appropriate collection procedures are utilized, including working with the Office of the Attorney General. Further collection efforts are not justified due to various reasons, including: the cost versus the benefit for small receivables amounts; an individual or organization cannot be located or has no social security or identification number on file; and bankruptcies. The University is in compliance with the accounts receivable management standards established by the state.

3. ANNUAL REPORT ON CENTERS FINANCIAL AND ADMINISTRATIVE ACTIVITIES:

The Committee received an update on compliance with Policy 3020: Centers Financial and Administrative Policy and Procedures. The policy was established to enhance the financial and administrative operations of the University's centers and thus support the centers' programmatic success. Policy 3020 provides for the recognition, registration, and review of centers as part of the general commitment of the University to support center achievements in research, instruction, and outreach.

In 2003-04, the fifth year of implementation, three primary activities occurred: the continued coordination of a roster of all department, college, and university-level centers; the submission of annual financial reports; and, as part of an annual audit plan, the audit of three centers. The third annual Business Practices Seminar is scheduled in October, 2004.

ITEMS PRESENTED TO THE FULL BOARD FOR APPROVAL

4. APPROVAL OF YEAR-TO-DATE FINANCIAL PERFORMANCE REPORT (JULY 1, 2004 – SEPTEMBER 30, 2004):

The Committee reviewed the Year-to-Date Financial Performance Report for the quarter ending September 30, 2004. For the first quarter, all programs of the University were on target and routine budget adjustments were made to reflect changes in projected revenues and expenditures.

First quarter tuition and fee revenue was higher than historical projections due to the timing of awarding and processing of unfunded scholarships for graduate students. Revenue in All Other Income was higher than projected due to increased activity at the Equine Medical Center.

Total sponsored and overhead revenue and expenditures were less than projected, but sponsored research expenditures are slightly ahead of 2003-2004 activity levels. Revenues were greater than projected in the Residential and Dining programs due to better-than-projected off-campus meal plan sales and income from dining dollar deposits. Revenues were greater than projected in the Athletic Department due to the timing of men's basketball season ticket collections occurring earlier than in previous years, higher-than-anticipated football and men's basketball ticket sales, and increased internet processing fee and handling fee collections.

For the quarter ending September 30, 2004, \$10.5 million had been expended for Educational and General and 2002 General Obligation Bond capital projects and \$13.3 million had been expended for Auxiliary Enterprises capital projects.

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

5. RESOLUTIONS TO EXECUTE BANKING AND SECURITY AGREEMENTS:

The Committee reviewed for approval two resolutions to execute banking and security agreements. The General Corporate Banking and Investment Resolution authorizes certain officers or agents, by title, to transact the day-to-day banking duties on behalf of the university, and the General Securities Resolution authorizes certain officers or agents, by title, to buy and sell securities within the applicable investment guidelines on behalf of the university.

The Committee recommended the resolutions to the full Board for approval.

6. 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 \$932,001 for Engineering and \$1,349,770 for Animal Nutrition were made during 2003-04.

The Pratt Funds for Engineering provided partial funding for scholarships for study-abroad programs and support for an exchange program. Additionally, the Pratt Funds provided undergraduate scholarships as well as graduate scholarships and fellowships. Support for the graduate program allows the College of Engineering to remain competitive with other top engineering programs and helps in the recruitment and retention process. Additionally, the College of Engineering invested Pratt Funds in several research initiatives, including: The Alexandria Research Institute, Microelectronics, Energy and Advanced Vehicles, and Bioengineering.

The Pratt Funds for Animal Nutrition provided scholarships to outstanding freshman scholars, as well as supporting upper class research and scholarship programs. Additionally, the Pratt Funds provided assistantships, scholarships, and research funding for graduate students. The Pratt Funds supported state-of-

the-art scientific equipment purchases, research space renovations, and the publication of research journal articles; visiting scientists were also supported by Pratt Funds.

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

There being no further business, the meeting adjourned at 11:30 a.m.

**MINUTES OF THE FINANCE AND AUDIT COMMITTEE
OF THE BOARD OF VISITORS
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**

November 8, 2004

AUDIT CLOSED SESSION

PRESENT:

BOARD OF VISITORS: Mr. Ben Davenport, Mr. Jake Lutz, Mr. Tom Robertson, Mr. John Rocovich, Mr. Philip Thompson

VPI&SU STAFF: Ms. Kay Heidbreder, Mr. Jim Hyatt, Mr. John Rudd, Mr. Dwight Shelton, Dr. Lisa Wilkes

AUDIT CLOSED SESSION: The Committee met in Closed Session with the Director of Internal Audit to discuss audits of specific departments and units where individual employees will be identified. The Committee also received an update on the outstanding fraud, waste, and abuse cases.

AUDIT AGENDA

PRESENT:

BOARD OF VISITORS: Mr. Jake Lutz, Mr. Tom Robertson, Mr. John Rocovich, Mr. Philip Thompson, Dr. Sam Easterling – President, Faculty Senate

VPI&SU STAFF: Mr. Mel Bowles, Mr. Bob Broyden, Ms. Elizabeth Crumbley, Mr. John Cusimano, Mr. Jim Hyatt, Mr. Ken Miller, Mr. John Rudd, Ms. Kathy Sanders, Mr. Dwight Shelton, Dr. Raymond Smoot, Dr. Charles Steger, Dr. Lisa Wilkes, Ms. Linda Woodard

GUESTS: Mr. Bill Cole, Deputy Director, Auditor of Public Accounts (APA)
Ms. Laura Nash, Student Intern, Department of Internal Audit

1. APPROVAL OF ITEMS DISCUSSED IN CLOSED SESSION:

The Committee reviewed and took the following actions on items discussed in closed session: ratified the Personnel Changes Report and the Research and Development Disclosure Report, and approved the 2004-05 Faculty Salary Program, bonuses for the BCA Football Classic, a faculty bonus recommendation, and a recommendation for partial waiver of return service obligation.

2. APPROVAL OF MINUTES OF THE AUGUST 23, 2004 MEETING:

The Committee reviewed and approved the minutes of the August 23, 2004 meeting.

3. PRESENTATION AND ACCEPTANCE OF THE AUDITOR OF PUBLIC ACCOUNTS MANAGEMENT LETTER FOR JUNE 30, 2004 AUDIT:

The Committee received a report from Mr. Bill Cole, Auditor of Public Accounts (APA) Deputy Director, on the University's financial statements and management letter for the year ended June 30, 2004. The financial statements have been prepared in accordance with general accepted accounting principles and carry an unqualified (or clean) opinion.

The University is proud to report that, for the second year in a row, the Virginia Polytechnic Institute and State University audit found no material weaknesses with internal control matters and no instances of noncompliance to be reported. These findings are the result of the effective working relationships between the Finance and Audit Committee of the Board of Visitors and University administration. The Finance and Audit Committee appreciates the commitment of University management to sound business and administrative practices and the extensive actions taken by staff in key administrative areas in order to increase awareness of appropriate business practices throughout the University.

The Committee accepted the report.

4. PRESENTATION OF APA'S 2004 INTERCOLLEGIATE ATHLETIC AUDIT REPORT:

The Committee received a report from Mr. Bill Cole, Auditor of Public Accounts (APA) Deputy Director, on the APA's 2004 Intercollegiate Athletic Audit. At the request of the University President, the APA performed certain agreed-upon procedures to the University's Intercollegiate Athletics Programs for the fiscal year ended June 30, 2004, solely to assist the University in complying with National Collegiate Athletic Association (NCAA) bylaws. The University is responsible for the Intercollegiate Athletics Programs including preparation of the Schedule of Revenues and

Expenditures of Intercollegiate Athletics Programs. During the APA review, no matters were brought to the APA's attention that would lead them to believe the amounts of the Schedule of Revenues and Expenditures should be adjusted. This review does not constitute an audit and therefore no opinion is issued.

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 August meeting, the university reported 12 high or medium risk audit comments as remaining outstanding. An additional 9 high or medium risk comments have been issued since the August meeting for a total of 21 comments. As of September 30, 2004, the University has addressed 8 comments, leaving 13 high or medium risk comments still in progress.

The Committee accepted the report.

6. STATUS REPORT ON BEST PRACTICES AND RECOMMENDATION REGARDING CRIMINAL CONVICTION CHECKS OF NEW EMPLOYEES:

In response to a request made by the Committee at the August 2004 meeting, the Committee received a status report on best practices and recommendation regarding criminal conviction checks of new employees. A review of emerging practices at other institutions was conducted over the last two months. This included conducting web searches to collect university policy statements and articles about higher education practices, reviewing articles in the *Chronicle of Higher Education* and other publications, conducting a survey of 97 colleges and universities, and reviewing a report from the American Association of University Professors (AAUP). The university recommends that we continue to utilize the current criminal conviction checks policy to review positions which have been deemed sensitive (i.e., access to student residences, responsibility for cash handling, law enforcement, etc.). Additionally, the Committee requested that the university add a statement to both the faculty and staff application process which requests applicants to respond to any prior convictions, excluding traffic violations or other minor violations. The Committee requested a status report at the next meeting.

The Committee accepted the report.

7. PRESENTATION OF THE OFFICE OF NAVAL RESEARCH PROPERTY AUDIT REPORT:

The Committee received a presentation of the Office of Naval Research Property Audit Report. The Office of Naval Research (ONR) is responsible for conducting audits of property and equipment owned by the federal government but in the custody of other organizations. ONR performed an "On-Site Property Control System Analysis" (PCSA) at Virginia Tech in September 2004 to ensure the university's property control system adequately protects, preserves, accounts for and controls equipment owned by the federal government. The review included assessment of the university's procurement, inventory control, and surplus and disposal processes. The audit found the university's property control system is effective. The one recommendation of the audit was that the university augment its fixed assets procedures to include equipment "consumed in research" and equipment held by subcontractors.

The Committee accepted the report.

8. REVIEW OF INTERNAL AUDIT DEPARTMENT'S STATUS REPORT AS OF SEPTEMBER 30, 2004:

The Committee reviewed the Internal Audit Department's Status Report for the quarter ended September 30, 2004. In addition to conducting scheduled audits, the audit department participated in annual audit activities; fraud, waste, and abuse audits; special projects; and professional development activities.

During the quarter the Virginia Tech Foundation audit staff and the University audit staff worked jointly to compile information for a special report.

The Committee accepted the report.

9. REVIEW AND ACCEPTANCE OF THE FOLLOWING INTERNAL AUDIT REPORTS/MEMOS ISSUED:

The Committee reviewed the following Internal Audit Reports and memos:

A. Office of the University Bursar, Cash Receipts and Disbursements

The Committee received a report on the audit of the Office of the University Bursar cash receipts and disbursements. The audit indicated that the overall risk exposure is high and improvements are recommended. Recommendations include: improve controls over the cash receipting process, and develop regularly scheduled training

programs and monitoring reports to ensure sufficient controls over cash receipting. Management is working to implement corrective action to address audit recommendations.

The Committee accepted the report.

B. Office of Scholarships and Financial Aid

The Committee received a report on the Office of Scholarships and Financial Aid audit. The audit indicated that the overall risk exposure is high due to the high volume of financial aid provided and the significant compliance requirements for federal and state programs it manages. The audit indicated that improvements are recommended to achieve a fully effective system of internal controls. Recommendations include: improve controls over study abroad budget adjustments, review and evaluate current awarding criteria and budget forecasting process to ensure funds are fully utilized and awarded in a more timely fashion, improve documentation over manual adjustments related to cost of attendance appeals and a more stringent review of the Override Report in order to prevent overawards; review overawards reports for additional errors and implement a supervisory review of overawards corrections, and improve the process for posting tuition discounts. Management is working to address the audit recommendations.

The Committee accepted the report.

C. University Controller, Fixed Assets Equipment and Inventory Services

The Committee received a report on the audit of the Controller's Office fixed assets equipment and inventory services. The audit indicated that the overall risk exposure is medium and improvements are recommended. Recommendations include: develop an inventory verification process such that all assets are verified at least once every two years; working with University Purchasing and Information Technology Acquisitions, use the Banner system to improve equipment procurement processes; and enhance the report of untagged items. Management is working to address the audit recommendations.

The Committee accepted the report.

D. Athletics, NCAA Compliance

The Committee received a report on the review of the university's NCAA Compliance Program in the Athletics Department. The NCAA requires a complete review of the entire program at least every four years. The scope of this review was to evaluate NCAA compliance within the areas of amateurism and coaching staff limits and contracts.

The review indicates that management has designed controls that are generally effective at ensuring the organization's compliance with the NCAA regulations, but some improvements are recommended to ensure full compliance. Management is working to fully address all recommendations.

The Committee accepted the report.

E. Internal Audit Quality Assurance Review

The Committee received a report on an internal quality assurance review that was conducted by Internal Audit. The objective of the review was to identify potential improvements in Internal Audit's operations and to assess conformity with selected Standards for the Professional Practice of Internal Auditing (the Standards) developed by the Institute of Internal Auditors (IIA). The scope of the review included an evaluation of the Audit Charter, Risk Assessment and Audit Selection Process, Audit Manual Procedures, Continuing Professional Education Requirements, Fraud Waste and Abuse Procedures, Compliance Audit Procedures, Security Issues and Quality Program Assessments. Additionally, four risk-based audits were reviewed for conformity to specific Performance Standards. Management has developed an action plan to address the recommendations of the review.

There being no further business, the meeting adjourned at 11:30 a.m.

VIRGINIA TECH

FINANCIAL PERFORMANCE REPORT

Operating and Capital Expenditures

July 1, 2004 to September 30, 2004

FINANCIAL PERFORMANCE REPORT

The Financial Performance Report of income and expenditures is prepared from two sources: actual accounting data as recorded at Virginia Tech and with the Commonwealth of Virginia, and the annual budgets. 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 annual budgets are based upon the amount of funds anticipated, approved, and appropriated to Virginia Tech by the General Assembly and the Governor of the Commonwealth of Virginia before the beginning of the fiscal year. The projected year-end budgets reflect adjustments to incorporate actual experience during the fiscal year. The adjustments are coordinated with the State Department of Planning and Budget.

The July to September 2004-2005 budget (year-to-date) is prepared from historical data and reflects trends in expenditures from previous years. 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 accountability since the institution has a legislative mandate to remain within the total revenue and expenditure amounts appropriated by the General Assembly for the two divisions of Virginia Tech, including transfers from the Commonwealth's Central Appropriation for classified salary increase and fringe benefit rate changes.

OPERATING BUDGET

Attachment H

1. Tuition and Fee revenue is higher than historical projections through the first quarter due to the timing of awarding and processing of unfunded scholarships for graduate students.
2. Revenue in All Other Income is higher than projected due to increased activity at the Equine Medical Center.
3. Expenditures in the University Division are behind historical budget projections due to the timing of expenditures.
4. The budget for federal revenue is established to match projected allotments from the federal government. All expenses in federal programs are covered by drawdowns of federal revenue up to allotted amounts. Federal revenue in the Cooperative Extension/Agriculture Experiment Station Division was less than the projected budget due to lower-than-anticipated federal expenditures and the timing of receipt of federal drawdowns.
5. Expenses in the Cooperative Extension/Agriculture Experiment Station Division are lower than historical budget projections due to salary savings from vacant positions in the current year. These savings will be redistributed during the remainder of the year to operating accounts.
6. Quarterly and projected annual variances are explained in the Auxiliary Enterprises section of this report.
7. 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 and overhead revenue and expenditures were less than projected, but sponsored research expenditures are slightly ahead of 2003-2004 activity levels.
8. Expenses for Student Financial Assistance through the first quarter are higher than projected due to the timing of the student financial aid awards. Awards for undergraduate scholarships are being processed earlier than last fiscal year.
9. The General Fund revenue budget has been increased by \$219,087 for a transfer from Student Financial Assistance to the Educational and General program for assistantships in the Multicultural Academic Opportunities Program, by \$2,004,625 for one-time General Fund support for research, and by \$34,763 for VIVA libraries distribution costs. The corresponding expenditure budgets have been adjusted accordingly.
10. The annual budget for Tuition and Fees has been increased by \$97,999 to finalize the revenue estimates for the Virginia/Maryland Regional College of Veterinary Medicine regional capitation agreement and decreased by \$2,080,849 in anticipation of fewer fall enrollments than originally projected, additional unfunded need based scholarships, and the finalization of the tuition and academic fee budget. The corresponding expenditure budgets have been adjusted accordingly.
11. The revenue budget for All Other Income has been increased by \$1,157,208 for the carryover of funding for the Virginia Bioinformatics Institute and decreased by \$60,000 for revised printing revenue projections. The corresponding expenditure budgets have been adjusted accordingly.
12. The annual budget for Federal Appropriations in the Cooperative Extension/Agriculture Experiment Station Division has been adjusted to reflect additional federal funds which are available to be expended prior to June 30, 2005. The corresponding expenditure budgets have been adjusted accordingly.
13. The projected year-end revenue and expense budgets for Student Financial Assistance were reduced by \$219,087 for the transfer from Student Financial Assistance to the Educational and General program for assistantships in the Multicultural Academic Opportunities Program and increased for the reappropriation of \$14,723 in unexpended balances from the prior fiscal year.
14. The projected year-end budgets in All Other Programs were adjusted to reflect funding realignment and one-time moving expenses in the Office of Investment and Debt Management, the carryover of surplus property authorizations for 2003-2004 commitments, and an accounting adjustment in the work study program to return excess federal allotments that were received in 2003-2004.

OPERATING BUDGETS
2004-2005 Fiscal Year

Attachment H

Dollars in Thousands

	July 1, 2004 to September 30, 2004			Annual Budget for 2004-2005		
	Actual	Budget	Change	Original	Adjusted	Change
Educational and General Programs						
<u>University Division</u>						
<u>Revenues</u>						
- General Fund	\$147,048	\$147,048	\$0	\$144,870	\$147,129	\$2,259 (9)
- Tuition and Fees	91,918	90,017	1,901 (1)	200,696	198,713	-1,983 (10)
- All Other Income	6,746	6,646	100 (2)	24,437	25,534	1,097 (11)
Total Revenues	\$245,712	\$243,711	\$2,001	\$370,003	\$371,376	\$1,373
<u>Expenses</u>						
- Academic Programs	\$-59,773	\$-61,071	\$1,298 (3)	\$-235,381	\$-236,779	\$-1,398 (9,10,11)
- Support Programs	-32,049	-32,155	106	-134,622	-134,597	25 (9,10,11)
Total Expenses	\$-91,822	\$-93,226	\$1,404	\$-370,003	\$-371,376	\$-1,373
NET	\$153,890	\$150,485	\$3,405	\$0	\$0	\$0
<u>CE/AES Division</u>						
<u>Revenues</u>						
- General Fund	\$55,586	\$55,586	\$0	\$56,044	\$56,044	\$0
- Federal Appropriation	3,345	4,295	-950 (4)	14,361	14,520	159 (12)
- All Other Income	170	118	52	660	660	0
Total Revenues	\$59,101	\$59,999	\$-898	\$71,065	\$71,224	\$159
<u>Expenses</u>						
- Academic Programs	\$-15,913	\$-17,245	\$1,332 (4,5)	\$-65,565	\$-65,724	\$-159 (12)
- Support Programs	-1,313	-1,366	53	-5,500	-5,500	0
Total Expenses	\$-17,226	\$-18,611	\$1,385	\$-71,065	\$-71,224	\$-159
NET	\$41,875	\$41,388	\$487	\$0	\$0	\$0
Auxiliary Enterprises						
Revenues	\$55,777	\$52,635	\$3,142 (6)	\$141,386	\$141,386	\$0 (6)
Expenses	-40,439	-38,789	-1,650 (6)	-136,396	-140,295	-3,899 (6)
Reserve Drawdown (Deposit)	-15,338	-13,846	-1,492 (6)	-4,990	-1,091	3,899 (6)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Sponsored Programs						
Revenues	\$42,246	\$46,735	\$-4,489 (7)	\$168,502	\$168,502	\$0
Expenses	-48,854	-57,347	8,493 (7)	-168,502	-168,502	0
Reserve Drawdown (Deposit)	6,608	10,612	-4,004	0	0	0
NET	\$0	\$0	\$0	\$0	\$0	\$0
Student Financial Assistance						
Revenues	\$12,273	\$12,273	\$0	\$12,273	\$12,069	\$-204 (13)
Expenses	-5,288	-4,642	-646 (8)	-12,273	-12,069	204 (13)
NET	\$6,985	\$7,631	\$-646	\$0	\$0	\$0
All Other Programs *						
Revenues	\$591	\$631	\$-40	\$4,366	\$4,389	\$23 (14)
Expenses	-804	-870	66	-4,366	-4,533	-167 (14)
Reserve Drawdown (Deposit)	213	239	-26	0	144	144
NET	\$0	\$0	\$0	\$0	\$0	\$0
Total University						
Revenues	\$415,700	\$415,984	\$-284	\$767,595	\$768,946	\$1,351
Expenses	-204,433	-213,485	9,052	-762,605	-767,999	-5,394
Reserve Drawdown (Deposit)	-8,517	-2,995	-5,522	-4,990	-947	4,043
NET	\$202,750	\$199,504	\$3,246	\$0	\$0	\$0

* All Other Programs include federal work study, alumni affairs, surplus property, and unique military activities.

AUXILIARY ENTERPRISE BUDGET

Attachment H

1. Revenues in Residence and Dining Halls are higher than projected due to better-than-projected off-campus meal plan sales and income from dining dollar deposits. Expenditures are higher than projected due to the timing of food purchases, maintenance expenses, renovations, and residence hall furniture replacement occurring earlier than in prior years.
2. Expenditures in the University Services System are lower than projected due to salary savings in the current year.
3. Revenues are higher than projected in Intercollegiate Athletics due to the timing of men's basketball season ticket collections occurring earlier than in previous years, higher-than-anticipated football and men's basketball ticket sales, increased internet processing fee and handling fee collections, and income from the settlement of the contract of the previous women's head basketball coach. Expenditures are higher than projected due to advanced payments on maintenance agreements, increased medical claims on student athletes, and timing of computers purchased for student athletes.
4. Expenditures are higher than projected in the Donaldson Brown Hotel and Conference Center due to the timing of contract payments to Hilton Hotels, Inc. for consulting and management services and increased food and wage expenses from the summer Fine Dining program.
5. Revenues are higher than projected in the Other Enterprise Functions due to higher-than-projected royalties from the sale of Virginia Tech merchandise in the Licensing and Trademark auxiliary, door access revenue in the Hokie Passport auxiliary, and the timing of collections for software sold to students in the Student Software auxiliary.
6. The projected year-end budget was increased for outstanding 2003-2004 commitments and projects that were initiated but not completed before June 30, 2004.
7. The projected annual expenditure and reserve drawdown budgets for the University Services System were adjusted to accommodate Squires' chiller system repairs and cooling tower replacement.
8. The expenditure and reserve drawdown budgets for Other Enterprise Functions were adjusted to accommodate a \$12,000 repair to the Golf Course clubhouse and \$320,000 in auxiliary support for the construction of the new hotel and conference center in accordance with the golf course relocation plan.

**UNIVERSITY DIVISION
AUXILIARY ENTERPRISES**

Attachment H

Dollars in Thousands

	July 1, 2004 to September 30, 2004			Annual Budget for 2004-2005		
	Actual	Budget	Change	Original	Adjusted	Change
Residence and Dining Halls						
Revenues	\$17,185	\$16,595	\$590 (1)	\$47,293	\$47,293	\$0
Expenses	-13,042	-11,332	-1,710 (1)	-46,033	-46,611	-578 (6)
Reserve Drawdown (Deposit)	-4,143	-5,263	1,120	-1,260	-682	578 (6)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Parking and Transportation						
Revenues	\$2,281	\$2,219	\$62	\$4,508	\$4,508	\$0
Expenses	-2,204	-2,234	30	-4,476	-4,649	-173 (6)
Reserve Drawdown (Deposit)	-77	15	-92	-32	141	173 (6)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Telecommunications Services						
Revenues	\$3,750	\$3,786	\$-36	\$14,744	\$14,744	\$0
Expenses	-3,688	-3,670	-18	-14,622	-15,092	-470 (6)
Reserve Drawdown (Deposit)	-62	-116	54	-122	348	470 (6)
Net	\$0	\$0	\$0	\$0	\$0	\$0
University Services System						
Revenues	\$9,278	\$9,361	\$-83	\$19,425	\$19,425	\$0
Expenses	-5,491	-5,768	277 (2)	-19,710	-20,452	-742 (6,7)
Reserve Drawdown (Deposit)	-3,787	-3,593	-194	285	1,027	742 (6,7)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Intercollegiate Athletics						
Revenues	\$18,002	\$15,524	\$2,478 (3)	\$31,076	\$31,076	\$0
Expenses	-8,929	-8,788	-141 (3)	-27,303	-27,533	-230 (6)
Reserve Drawdown (Deposit)	-9,073	-6,736	-2,337	-3,773	-3,543	230 (6)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Electric Service						
Revenues	\$2,998	\$3,052	\$-54	\$15,342	\$15,342	\$0
Expenses	-4,372	-4,336	-36	-15,953	-16,132	-179 (6)
Reserve Drawdown (Deposit)	1,374	1,284	90	611	790	179 (6)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Donaldson Brown Hotel and Conference Center						
Revenues	\$969	\$997	\$-28	\$4,106	\$4,106	\$0
Expenses	-961	-861	-100 (4)	-4,228	-4,228	0
Reserve Drawdown (Deposit)	-8	-136	128	122	122	0
Net	\$0	\$0	\$0	\$0	\$0	\$0
Other Enterprise Functions						
Revenues	\$1,314	\$1,101	\$213 (5)	\$4,892	\$4,892	\$0
Expenses	-1,752	-1,800	48	-4,071	-5,598	-1,527 (6,8)
Reserve Drawdown (Deposit)	438	699	-261	-821	706	1,527 (6,8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL AUXILIARIES						
Revenues	\$55,777	\$52,635	\$3,142	\$141,386	\$141,386	\$0
Expenses	-40,439	-38,789	-1,650	-136,396	-140,295	-3,899
Reserve Drawdown (Deposit)	-15,338	-13,846	-1,492	-4,990	-1,091	3,899
Net	\$0	\$0	\$0	\$0	\$0	\$0

1. The project total budget reflects the appropriation available for fiscal year 2005. The annual budget was adjusted because expenses planned for fiscal year 2005 were processed in fiscal year 2004.
2. Blanket Authorizations allow unforeseen renovation needs under \$2,000,000 to be authorized administratively for expediency. The only blanket project currently active is the planned purchase of the Heavener property, as approved by the Commonwealth. The acquisition cost of the property is expected to be under \$1,500,000.
3. The project is substantially complete and outstanding items with the contractor continue to defer closing the project. The total project cost is expected to be \$1.67 million.
4. The project is complete and will be closed when final payments are processed. The annual budget was adjusted to reflect expenditures planned for fiscal year 2004, which will be processed in fiscal year 2005. The total cost is expected to be \$420,000 less than budgeted as a result of bid savings.
5. The project is complete and will be closed when final payments are processed. The annual budget was adjusted due to fiscal year 2004 planned expenses being processed in fiscal year 2005.
6. The project is complete and will be closed when final payments are processed. The annual budget was adjusted to reflect an estimated closing date in fiscal year 2005.
7. The project is complete and will be closed when final payments are processed. The annual budget was adjusted because expenses planned for fiscal year 2004 will be processed in fiscal year 2005.
8. This Bioinformatics research building is complete and the project will be closed when final payments are processed. The annual budget was adjusted to reflect expenditures planned for fiscal year 2004 that will be processed in fiscal year 2005.
9. The project is complete and will be closed when final payments are processed. The annual budget was adjusted to reflect expenses planned for fiscal year 2005 that were processed in fiscal year 2004. The total project cost is expected to be \$3.02 million, which is lower than the original cost due to bid savings.
10. This project includes the construction of a federally funded laboratory located near the Brooks Center. All bids were over budget. The project is being re-designed with a new estimated bid date of March 2005.
11. This project consists of a second biological and computational research building located adjacent to the phase I Bioinformatics building. The project is under construction with an estimated occupancy date of January 2005. The annual budget was adjusted to reflect equipment purchases planned for this fiscal year.
12. This project will bring the primary boiler up to current emission standards by adding pollution controls. Preliminary planning is scheduled to begin in November 2004, with expected completion of construction by fall 2007.
13. This planning project encompasses the design of new heating and cooling system infrastructure needed to accommodate current and future buildings in the southwest area of campus. Preliminary planning will begin this fall, with anticipated completion by summer 2006.

2002 General Obligation Bond Program

14. This project will build a state-of-the-art laboratory facility to support plant science teaching and research. Construction is underway with occupancy expected in December 2005.
15. The project is in the design phase, with plans to utilize a CM (Construction Manager) at Risk contracting method for the project. An estimated award of a Guaranteed Maximum Price (GMP) contract is expected by March 2005.
16. This project will construct a new laboratory facility to support instructional programs in the Building Construction department. The total project budget includes an existing \$1 million of nongeneral fund support that may be used for planning. The project is in the preliminary design phase, with an estimated bid date of fall 2005 and occupancy expected in spring 2007.
17. This project is envisioned to update about 46,500 gross square feet of the most out-of-date general assignment classrooms on campus. Preliminary planning is underway with an estimated bid date of fall 2005 for the initial phase of renovation.
18. This project will update the building's power and HVAC infrastructure to support modern instructional technology. The estimated bid date is September 2006.
19. This project will repair current exterior precast concrete panels that are failing. The project is in the preliminary planning phase with an estimated bid date in fall 2005.
20. This project will provide cooling capacity to the north zone of campus to support several new construction and renovation projects. The project is in the design phase with an estimated bid date of April 2005.
21. This project will renovate Henderson Hall to house art programs and construct a state-of-the-art performance theatre. The estimated bid date is April 2006.
22. The project calls for the renovation of Williams Hall, Agnew Hall, and part of Burruss Hall for state-of-the-art instructional space. The Williams Hall component is complete with a budget of \$5.701 million including \$4.566 million of VCBA Bonds and \$482,000 of General Fund monies. The project includes \$652,000 of nongeneral fund authorization for the Williams Hall component that was a placeholder until the 2002 General Obligation Bond funds were available. The estimated bid date for the Agnew and Burruss components is October 2006. The annual budget was adjusted because expense activity expected in fiscal year 2004 will be processed in fiscal year 2005.
23. This project will build a state-of-the-art, multidisciplinary research laboratory facility. The design phase is underway, with plans to utilize a CM (Construction Manager) at Risk contract to build the facility. An award of a Guaranteed Maximum Price (GMP) contract is anticipated by December 2004.
24. The timing of this project is based on the state's capital implementation plan.

CAPITAL OUTLAY PROJECTS
AUTHORIZED AS OF SEPTEMBER 30, 2004

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	
<u>Educational and General Projects</u>										
Maintenance Reserve	\$ 2,657	\$ 2,113	\$ 1,069	\$ 2,486	\$ 0	\$ 0	\$ 0	\$ 2,486	\$ 1,069	(1)
Blanket Authorizations	0	1,500	0	0	0	9,885	0	9,885	0	(2)
Airport Taxiway Construction	0	0	0	0	0	3,129	0	3,129	1,395	(3)
Chemistry/Physics - Phase II	0	1,147	559	23,431	0	3,763	0	27,194	26,186	(4)
Dairy Science Facilities	0	1,221	308	5,343	0	0	0	5,343	4,430	(5)
Hampton Roads Wing Replacement	0	68	0	1,345	0	83	0	1,428	1,359	(6)
Career Services Facility	281	441	97	0	0	0	4,608	4,608	4,264	(7)
Bioinformatics Building - Phase I	0	1,209	606	0	0	0	21,864	21,864	21,261	(8)
Multipurpose Livestock Arena	367	352	46	1,900	0	1,818	0	3,718	2,714	(9)
Fisheries and Aquatics Research Center	472	472	8	0	0	800	0	800	88	(10)
Bioinformatics Building Phase II	9,551	11,672	4,904	24,394	0	0	0	24,394	17,626	(11)
Boiler Pollution Controls	350	350	0	3,850	0	0	2,000	5,850	0	(12)
Planning: Southwest Campus Heating/Cooling	500	500	0	0	0	2,750	0	2,750	0	(13)
TOTAL	14,178	21,045	7,598	62,749	0	22,228	28,472	113,449	80,393	
<u>2002 General Obligation Bond Program</u>										
Agriculture & Natural Resources Research Laboratory	10,823	10,823	1,749	2,555	23,168	256	0	25,979	7,995	(14,24)
Biology/Vivarium Building	2,867	2,867	232	0	26,263	0	8,750	35,013	1,069	(15,24)
Bishop-Favrao Hall	311	311	36	0	2,500	5,000	0	7,500	150	(16,24)
Classroom Improvements, Phase I	410	410	0	0	4,530	0	0	4,530	0	(17,24)
Cowgill Hall HVAC and Power	165	165	0	0	7,500	0	0	7,500	0	(18,24)
Litton-Reaves Hall Exterior Repairs	271	271	0	0	2,500	0	0	2,500	0	(19,24)
Main Campus Chilled Water Central Plant	404	404	43	0	2,800	0	0	2,800	47	(20,24)
Henderson Hall and Performing Arts Center	2,814	2,814	0	0	6,542	2,235	40,000	48,777	0	(21,24)
Williams, Agnew, & Burruss Renovation	50	480	305	5,048	5,452	652	0	11,152	5,575	(22,24)
Institute for Critical Technology and Applied Science	4,146	4,146	499	0	13,996	0	17,000	30,996	1,552	(23,24)
TOTAL	22,261	22,691	2,863	7,603	95,251	8,143	65,750	176,747	16,388	

Auxiliary Enterprises Projects

1. Projects are scheduled and funded by the auxiliary enterprises during the annual Auxiliary Enterprise Budgeting Process. The original budget was increased to accommodate expenditures for telecommunications infrastructure planned for fiscal year 2004, but deferred until fiscal year 2005.
2. Blanket Authorizations allow unforeseen renovation needs under \$2,000,000 to be authorized administratively for expediency. This blanket has no active project authorizations.
3. The active project underway covers improvements to four existing lots. The revised annual budget reflects costs to complete improvement projects that carried forward from fiscal year 2004. The outstanding project budget balance is envisioned for parking structures that are on hold.
4. This project is under construction, with occupancy expected by August 2005. The total estimated cost is expected to be \$43.118 million. The annual budget was adjusted to reflect revised project cash flows for this fiscal year.
5. This project was envisioned to build a new clubhouse and driving range. The project is on hold pending programmatic decisions regarding future use of the on-campus course.
6. Phase I, South End Zone: This component is complete and the total cost is expected to be \$34.565 million. Phase II, West Side Stands: Construction is underway with an estimated occupancy date of August 2005, and an expected total cost of \$54.02 million.
7. This project envisions a new residence hall of approximately 256 beds along with office spaces for residential services and judicial affairs. The project is on hold pending review of future residential fees and program priorities.
8. The project is complete and will be closed when final payments are processed. The annual budget was adjusted to reflect expenses planned for fiscal year 2004, which will be processed in fiscal year 2005.
9. This project is envisioned to build dining, student activity, meeting, and classroom space. The project is on hold pending further review of the site location and the program priorities.
10. This project is envisioned to expand the existing student center by adding dining, student activity, meeting, and classroom space. The project is on hold pending further review of the site and program priorities.
11. This project will install seating stands and restrooms to support the field adjacent to McComas Hall. The initial section of bleachers is complete. The cost estimate for the restrooms exceeds the available budget and the university is exploring options to complete the envisioned complex. The annual budget was revised to reflect the deferral of expenditures planned for fiscal year 2004 until fiscal year 2005.
12. This project will provide upgrades and improvements to existing residence and dining halls. The project is currently in the programming phase. Planning will begin once project priorities have been defined.

Dollars in Thousands

	CURRENT YEAR			TOTAL PROJECT						
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Auxiliary Enterprises Projects</u>										
Maintenance Reserve	\$ 2,616	\$ 2,677	\$ 760	\$ 0	\$ 0	\$ 5,200	\$ 0	\$ 5,200	\$ 908	(1)
Auxiliary Enterprise Blanket Authorizations	0	0	0	0	0	4,809	0	4,809	0	(2)
Parking Auxiliary Projects	0	90	88	0	0	79	20,554	20,633	1,047	(3)
Alumni/CEC/Hotel Complex	16,182	18,000	5,603	0	0	25,099	20,732	45,831	25,040	(4)
Golf Course Facilities	0	0	0	0	0	1,500	0	1,500	0	(5)
Expand Lane Stadium - Phases I and II	31,646	31,646	4,065	0	0	13,062	80,738	93,800	43,622	(6)
New Residence Hall	0	0	0	0	0	1,041	15,000	16,041	86	(7)
Dietrick Servery/HVAC, Phase II	2,396	3,567	2,776	0	0	1,500	5,000	6,500	5,709	(8)
Dining and Student Union Facility	0	0	0	0	0	0	6,250	6,250	0	(9)
G. Burke Johnston Student Center Addition	0	0	0	0	0	0	6,250	6,250	46	(10)
Soccer/Lacrosse Complex	0	398	0	0	0	750	0	750	352	(11)
Major Residence and Dining Hall Improvements	280	280	0	0	0	0	4,000	4,000	0	(12)
TOTAL	53,120	56,658	13,293	0	0	53,040	158,524	211,564	76,809	
GRAND TOTAL	\$ 89,559	\$ 100,394	\$ 23,754	\$ 70,352	\$ 95,251	\$ 83,411	\$ 252,746	\$ 501,760	\$ 173,590	

RECOMMENDATION:

That the report of income and expenditures for the University Division and the Cooperative Extension/Agriculture Experiment Station Division for the period of July 1, 2004 through September 30, 2004 and the Capital Outlay report be accepted.

GENERAL CORPORATE BANKING AND INVESTMENT RESOLUTION BRIEFING REPORT

The university maintains a General Banking and Investment Resolution that authorizes certain officers or agents to transact the day-to-day banking duties on behalf of the university. Due to the change in title of two university employees, the General Banking and Investment Resolution needs to be updated and approved by the Board. The title of Vice President of Administration and Treasurer has been changed to University Treasurer, and the title of Director of Investments and Debt Management has been changed to Associate Treasurer.

The proposed resolution authorizes the following officers and banking functions:

- 1). To open accounts in the name of the university:
 - Executive Vice President and Chief Operating Officer
 - University Treasurer
- 2). To issue checks drawn against said accounts:
 - President
 - Executive Vice President and Chief Operating Officer
 - University Treasurer
- 3). To transfer funds against said accounts:
 - President
 - Executive Vice President and Chief Operating Officer
 - University Treasurer
 - Bursar
 - Associate Treasurer
 - Investments and Debt Manager

GENERAL CORPORATE BANKING AND INVESTMENT RESOLUTION

BE IT RESOLVED, that the Executive Vice President and Chief Operating Officer or the University Treasurer of Virginia Polytechnic Institute and State University be, and is hereby, authorized to open in the name of the University checking and investment accounts in banks, brokerage houses, and other financial institutions. Funds deposited in such accounts may be withdrawn upon by a check, draft, note, or other order of the Corporation, or upon verbal authorization pursuant to the financial institutions accepted practices.

BE IT FURTHER RESOLVED, that all checks, drafts, or notes against said accounts be signed or verbally authorized by one of the following officers: President, Executive Vice President and Chief Operating Officer, or University Treasurer whose signatures shall duly be certified to said financial institutions, and that no checks, drafts, or notes against said financial institutions shall be valid unless so signed.

BE IT FURTHER RESOLVED, that all funds transfers drawn against said accounts be signed or verbally authorized by one of the following officers: President, Executive Vice President and Chief Operating Officer, University Treasurer, Bursar, Associate Treasurer, or Investments and Debt Manager whose signatures shall duly be certified to said financial institutions, and that no funds transfers drawn against said financial institutions shall be valid unless so signed.

BE IT FURTHER RESOLVED, that financial institutions holding accounts of the University are hereby authorized and directed to honor and pay any checks, drafts, notes, or orders so written or verbally authorized, whether such checks, drafts, notes, or orders be payable to the order of any such person signing and/or countersigning said checks, drafts, notes, or other orders or any of such persons in the individual capacities or not, and whether such checks, drafts, notes, or orders are deposited to the individual credit of the person so signing and/or countersigning said checks, drafts, notes, or orders or to the individual credit of any of the other officers or not. The resolution shall continue in force and said financial institutions may consider the facts concerning the holders of said officers, respectfully, and their signatures or verbal authorization to be and continue as set forth in the certificate of the Secretary accompanying a copy of this resolution when delivered to said financial institutions or any similar subsequent certificate, or written notice to the contrary is duly served on said financial institutions.

RECOMMENDATION:

That the above resolution allowing the authorized officers to open accounts, authorize checks and transfer funds be approved.

November 8, 2004

GENERAL SECURITIES RESOLUTION BRIEFING REPORT

The university maintains a General Securities Resolution that authorizes certain officers or agents to buy and sell securities within the applicable investment guidelines on behalf of the university. Due to the change in title of two university employees, the General Securities Resolution needs to be updated and approved by the Board. The title of Vice President of Administration and Treasurer has been changed to University Treasurer, and the title of Director of Investments and Debt Management has been changed to Associate Treasurer.

The proposed resolution authorizes the President, the Executive Vice President and Chief Operating Officer, the University Treasurer, the Associate Treasurer, and the Investments and Debt Manager to transfer, convert, endorse, sell, assign, set over and deliver any and all shares of stocks, bonds, debentures, notes, subscription warrants, stock purchase warrants, evidences of indebtedness, or other securities on behalf of the university.

GENERAL SECURITIES RESOLUTION

BE IT RESOLVED: That any of the following officers or agents to wit: the President, the Executive Vice President and Chief Operating Officer, the University Treasurer, the Associate Treasurer, or the Investments and Debt Manager of Virginia Polytechnic Institute and State University be, and they hereby are, fully authorized and empowered within the applicable investment policies to transfer, convert, endorse, sell, assign, set over and deliver any and all shares of stocks, bonds, debentures, notes, subscription warrants, stock purchase warrants, evidences of indebtedness, or other securities now and hereafter standing in the name of or owned by this Corporation and to make, execute and deliver, under the corporate seal of this Corporation, any and all written instruments of assignment and transfer necessary or proper to effectuate the authority hereby conferred.

BE IT FURTHER RESOLVED: That whenever there shall be annexed to any instrument of assignment and transfer, executed pursuant to and in accordance with the foregoing resolution, a certificate of the Secretary of the Board of Visitors of this Corporation in office at the date of such certificate, and such certificate shall set forth these resolutions and shall state that these resolutions are in full force and effect, and shall also set forth the names of the persons who are then such officers or agents of this Corporation, then shall all persons to whom such instrument with the annexed certificate shall thereafter come, shall be entitled, without further inquiry or investigation and regardless of the date of such certificate, to assume and to act in reliance upon the assumption that the shares of stock or other securities named in such instrument were theretofore duly and properly transferred, endorsed, sold, assigned, set over and delivered by this Corporation, and that with respect to such securities the authority of these resolutions and of such officers or agents is still in full force and effect.

RECOMMENDATION:

That the above resolution allowing the authorized officers to execute security transactions on behalf of the university be approved.

November 8, 2004

PRATT FUND OVERVIEW

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; by providing equipment and materials to be used for experiments in feeding and in the preparation of feeds for livestock and poultry; and by 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 \$37.9 million, as of June 30, 2004. The narrative below summarizes some of the major accomplishments of the College of Engineering and the Animal Nutrition Programs that can be 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 establishing itself 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 opportunities to students and faculty. Additionally, the Pratt funds have allowed 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 develop an animal nutrition program of high quality. Management 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.

PRATT FUNDS: College of Engineering

The Pratt fund enriches the College of Engineering in many ways including student scholarships and fellowships, and international programs. Over the years, the result is cumulative and has added to Virginia Tech's international reputation. In 2003-2004, the Pratt fund supported the following engineering programs: undergraduate scholarships, graduate fellowships, and faculty research.

Undergraduate Study Abroad

Budgeted: \$25,000

Spent: \$10,882

Partial travel scholarships were provided to 15 Industrial Systems, Mechanical, and Aerospace students participating in a Collaborative Design Project with students from Loughborough University, England. Students and faculty traveled to Loughborough during Thanksgiving break to collaborate on the General Aviation Multi-Disciplinary Design Project. In March, 11 students and a faculty member from Loughborough visited Virginia Tech for one week to finalize their projects. Pratt funding supported student expenses in the amount of \$7,580, which included lodging, transportation and food during the exchange. The majority of expenses for this program were funded by a grant from Boeing.

Pratt funds were used to support an exchange program between the University's Industrial and Systems Engineering (ISE) department and the Ecole des Mines de Nantes, France. In January, 34 students and three faculty members from Ecole des Mines de Nantes participated in the exchange program. These students work with ISE students on capstone projects, required of ISE students to complete their degrees. Pratt funds totaling \$3,197 supported bus services for the students and lodging and meals for the faculty. Students from Ecole des Mines de Nantes are hosted by their Virginia Tech counterparts during the exchange.

An additional \$105 was expended on brochures for the Engineering Education Enhanced Engineering Design and Problem Solving program held in Riva San Vitale, Switzerland.

Undergraduate Scholarships

Budgeted: \$400,000

Spent: \$396,251

The Pratt fund allows the college to offer \$2,000 Marshall Hahn Scholarships to entering freshmen. In 2003-2004, the College of Engineering supported 176 incoming freshman students on Marshall Hahn Scholarships totaling \$351,000. These scholarships recognize the academic achievement of entering freshmen and have been a strong component of our recruiting program. In addition, the Pratt fund supported 26 undergraduate scholarships totaling \$45,251.

Graduate Fellowships and Graduate Tuition Scholarships

Budgeted: \$332,000

Total Spent: \$293,140

Graduate Fellowships

Each engineering department receives a portion of the Pratt funds to use for graduate student support. In 2003-2004, 91 students received Pratt Fellowships ranging from \$100/month to

\$1,535/month. These fellowships supplement existing assistantships and allow the College of Engineering to offer competitive packages to graduate students who are aggressively recruited by other top engineering colleges. Spent: \$261,006

Graduate Tuition Scholarships

Engineering departments also receive Pratt funds to use as tuition scholarships for graduate students. In 2003-2004, 15 students received tuition/fees scholarships ranging from \$452-\$4,854. Combined with assistantships and the supplemental Pratt Fellowships, the support package offered by the College of Engineering to prospective graduate students allows the College to better compete with other top graduate engineering programs. Spent: \$32,134.

Graduate Recruitment

Budgeted: \$75,000

Spent: \$101,457

In 2003-2004, departments utilized Pratt funds for prospective graduate student recruiting visits. Some of the departments had on-going recruiting visits. In addition, Chemical Engineering, Electrical and Computer Engineering, Engineering Science and Mechanics, Industrial and Systems Engineering, Materials Science and Engineering and Mechanical Engineering conducted Graduate Student Recruiting Weekends in March that substantially increased their acceptance rate.

Faculty International Research Travel

Budgeted: \$0

Spent: \$0

The College of Engineering is no longer using Pratt funds for faculty international travel. All funds are used to recruit and support Graduate students in the college's departments.

Research Initiatives

The Alexandria Research Institute

Although only opened since 1998, the Alexandria Research Institute (ARI) has positioned itself quickly as a strong resource for Virginia and the nation by developing partnership activities among groups from academia, government and industry. With the help of funding from the Pratt research initiative, ARI has grown to include 15 faculty members and 28 graduate students, nearly half of whom are Ph.D. candidates who are working in the thematic areas of Information Infrastructures, Sustainable Society, Lifelong Learning, and Embedded Energy. During the 2003 fiscal year, ARI faculty and students had research expenditures supported by external funding of nearly \$1.5 million.

Microelectronics

The group of faculty belonging to the MICRON continues to work toward the development of new research programs in microelectronics and nanotechnology. The Pratt funds for microelectronics have contributed largely to the purchase, transport, and storage of semiconductor fabrication tools that are contained inside the clean room of the laboratory facility in Whittemore Hall. The national NSF Engineering Research Center for Power Electronic Systems (CPES) has also benefited considerably through investments of Pratt research initiative funds. CPES continues to be recognized by NSF as one of the most successful Engineering Research Centers in the United States.

Energy and Advanced Vehicles

A wide range of research activities has been promoted by the Pratt funds in the areas of energy and advanced vehicles. These have included research in the areas of fuel cells, vibrations and acoustics, advanced vehicle dynamics, and combustion. Investment of funds through cost sharing of proposals has led to successes in external funding for faculty time, laboratory equipment, and graduate student support. Recent notable successes include federal funding for the Virginia Institute for Performance Engineering and Research (VIPER) that will be located in the Institute for Advanced Learning and Research in Danville, VA. Faculty expertise in these areas has also allowed the College of Engineering to develop one of only three university affiliated laboratories of the American Association of Railroads (the other two are at the University of Illinois-Champaign and Texas A&M University.)

Bioengineering

The Center for Biomedical Engineering was formed by a group of faculty collaborating across five engineering departments. As a direct result of Pratt research initiative funds investment to support graduate students, research equipment, proposal preparation, and partial salary of the director, Dr. Elaine Scott, biomedical engineering activities have grown rapidly and extensively. Significant collaborative activities now include several research projects between the College of Engineering and the College of Veterinary Medicine. These two colleges have joined with the medical college of Wake Forest University to form the School of Biomedical Engineering and Science. This new school welcomed its first official class of graduate students in Fall, 2003, and provides collaborative education and research activities that have a great potential to attract significant funding from the National Institutes for Health.

PRATT FUNDS ACTIVITY STATEMENT
For the Year Ended June 30, 2004
ENGINEERING

Income

Balance, July 1, 2003	\$ 503,465
Endowment Income for 03-04	941,494
Repayment of Loan	(104,042)
Interest Earned on Cash Balances	<u>2,336</u>

Total Available	\$1,343,253
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Expenditures

Undergraduate Scholarships	\$396,251
Undergraduate Study Abroad Scholarships	10,882
Graduate Fellowships	261,006
Graduate Tuition Scholarships	32,134
Graduate Recruitment	101,457
Research Initiatives	<u>130,271</u>

Total Expenditures	<u>\$932,001</u>
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Balance at June 30, 2004 to be carried to 2004-05	<u>\$411,252</u>
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RECOMMENDATION:

That the 2003-04 Pratt Funds Activities Statement for the College of Engineering be approved.

PRATT FUNDS: Animal Nutrition

The John Lee Pratt program supports research, extension, and teaching programs in Animal Nutrition in several departments of the College of Agriculture and Life Sciences, the College of Natural Resources, and the Virginia-Maryland College of Veterinary Medicine. The participating departments are Animal and Poultry Sciences, Dairy Science, Biochemistry, Fisheries and Wildlife, Crop and Soil Environmental Sciences, Biomedical Sciences, Large Animal Clinical Services and Pathobiology. The faculty of the program desires to put primary emphasis on educating graduate students so that direct support for stipends and operations and enhancement of graduate programs through equipment purchases and visiting scientists are the primary expenditures.

The total net expenditure for FY04 was \$1,349,770 for the continuing program. The main categories of expenditures were as follows:

Graduate Students, Stipends and Research Allowance	42.41%
Undergraduate Scholarship and MAOP Interns	14.28%
Scientific Equipment/Technicians/Research Renovations	40.50%
Visiting Scientists/Scientific Reprints/Misc. Admin.	2.81%

Graduate Students

The Pratt Fellowship program has now matured to where up to 15 Fellows are enrolled at all times. These students are highly selected from several states and countries based on academic and research accomplishments. They receive a Ph.D. or M.S. stipend plus payment of all required tuition and fees. Additionally, Ph.D. Fellows receive \$6,500 and M.S. Fellows receive \$3,500 toward their research expenditures.

Undergraduate Students

Fifty outstanding freshman students were awarded \$1,000 merit scholarships upon entering departments which offer programs in Animal Nutrition. 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 are stimulated toward graduate programs in Animal Nutrition.

Scientific Equipment and Research Renovations

Expenditures for equipment and research space renovations continued to emphasize needs of graduate programs and multiple use by faculty and students, often involving several departments. Expenditures this year were as follows: equipment enabling new research in proteomics, an autoclave, equipment for swine research, dairy center equipment relating to feed consumption, equipment for metabolic engineering of crops, equipment for yeast genetics research, bone mineral content measuring equipment and equipment for new programs in molecular biology.

Research Publications

The program continued to pay costs of research journal articles resulting from student dissertations. Over 450 publications have resulted from the program since its inception in 1978.

Visiting Scientists

An important stimulus for graduate programs 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 nutrition faculty and students in formal and informal instructional settings including laboratories.

Summary

Approximately \$250,000 in equipment money was carried over to FY05 due to delays in ordering equipment and completing construction of facilities. These funds are all committed to research equipment as follows:

\$ 85,000	Move nutrition research from Smithfield to Kentland
\$165,000	Equipment approved but not yet purchased

PRATT FUNDS ACTIVITY STATEMENT
For the Year Ended June 30, 2004
ANIMAL NUTRITION

Income

Balance, July 1, 2003	\$ 527,332	
2003-04 Endowment Income	1,001,013	
Sale of Cattle Previously Purchased for Pratt Projects	<u>258,213</u>	
Total Available		\$1,786,558

Expenditures

General Program Expenditures		
Graduate Students	\$ 444,932	
Undergraduate Instruction	149,782	
Scientific Equipment	406,180	
Visiting Scientists/Scientific Reports	30,213	
Technicians	<u>84,443</u>	
Total Budgeted Expenditures	\$ 1,115,550	
Cattle Projects Expenses	<u>234,220</u>	
Total Expenditures		<u>\$ 1,349,770</u>
Balance at June 30, 2004 to be carried to 2004-05		<u>\$ 436,788</u>

RECOMMENDATION:

That the 2003-04 Pratt Funds Activities Statement for Animal Nutrition be approved.

MINUTES

STUDENT AFFAIRS COMMITTEE OF THE BOARD OF VISITORS

Private Dining Room
D2 (Dietrick Hall)
9:30 a.m.
November 8, 2004

PRESENT: Michael Anzilotti, Chair
Melinda Cep
L. Bruce Holland
A. Ronald Petera

GUESTS: Sumeet Bagai, Kim Beisecker, Cynthia Bonner, Shawn Braxton, Tom Brown, Myrna Callison, Steven Clarke, Landrum Cross, Benjamin Dixon, Sam Easterling, Hayward Farrar, Mark Hunter, Jon Jaudon, Deborah Morgan, Maya Newhagen, Kim O'Rourke, Mark Owczarski, Donna Sanzenbach, Edward Spencer, Brian Warren

1. **Opening remarks and approval of August 23, 2004, minutes.** Mr. Michael Anzilotti, Chair, provided opening remarks and submitted the minutes of the August 23 Student Affairs Committee meeting to the committee for review and approval. The minutes were approved as written.
2. **Athletic Department Quarterly Report.** Mr. Jon Jaudon, Associate Athletic Director, attended on behalf of Mr. James Weaver, Athletic Director, and provided the quarterly report for the Athletic Department. Mr. Jaudon gave an update on how our Olympic sports teams have fared this fall, following Virginia Tech's move to the Atlantic Coast Conference. Our teams are doing quite well in the new conference and they expect this success to continue. Mr. Jaudon also updated the committee on improvements to the locker room, team rooms, and training facilities for the swim teams.
3. **Selection Process for Student Representatives to Board of Visitors.** Dr. Landrum Cross, Vice President for Student Affairs, discussed the time line for selection of student representatives to the Board of Visitors for 2005-2006. Dr. Cross reported that the selection process normally begins after Thanksgiving with the distribution of applications, and concludes at the March Board meeting when the finalists interview with the Selection Committee. The committee feels the selection process is working well and agreed to follow the same schedule this year.
4. **Overview of Cranwell International Center.** Ms. Kim Beisecker, Director, provided an overview of The Cranwell International Center and discussed the services and programs available to international students at Virginia Tech. The Cranwell International Center meets the unique needs of our international community, providing a level of support

which enables the individual to function successfully at our university and in our community. The presence of international students and scholars is important to our nation, our community, and to our university. They are political, economic, educational, and cultural assets. However, obstacles to studying in this country include: the complexity of post-secondary education in the United States; the unwelcoming attitude sometimes conveyed by laws, regulations, and individuals; the cost of education; and the lack of strategic planning for recruitment in many U.S. universities. The Cranwell International Center seeks to ensure that the academic and cultural exchange at Virginia Tech is a positive experience for all involved.

5. **Update on College Alcohol Abuse Prevention Center.** Mr. Steven Clarke, Director of the College Alcohol Abuse Prevention Center, presented information concerning current and future projects for the Center. The Center continued to serve the growing population of students referred through the Virginia Tech judicial system. The number of students referred to alcohol education classes has grown each year since the program began in the fall of 1999. The Center is now focusing on developing relationships with the Computer Science Department to develop and implement a number of technology-based initiatives. The first major project is to develop and deploy an on-line alcohol class for new students. The site will be required of all freshmen, and they expect to have it operational for all incoming students for Fall Semester 2006. Mr. Clarke presented data from a pilot study of alcohol use at tailgate parties on the Virginia Tech campus. The goal of the studies was to provide estimates of drinking and driving rates following home football games. The longer term objective is to receive funding from the National Institutes of Alcoholism and Alcohol Abuse to develop and test interventions to decrease drinking and driving following football games.

6. **Statement on NAACP.** Mr. Shawn Braxton, President of the Virginia Tech Chapter of the NAACP, made a brief statement on recent vandalism to their chapter's office door. On behalf of the NAACP, he asked the Board to address diversity issues in order to make the campus more welcoming for all students. Mr. Anzilotti thanked Mr. Braxton for attending and sharing these concerns, and stressed that the Board and administration share their concerns and will continue to address diversity at Virginia Tech. Dr. Hayward Farrar, faculty advisor to the NAACP, thanked the students for handling the situation in a positive manner and thanked the university for its positive response.

7. **Adjournment.**

There being no further business, the meeting adjourned at 11:15 a.m.

RESOLUTION HONORING FIRST LIEUTENANT JEFFREY J. KAYLOR
November 8, 2004

WHEREAS, First Lieutenant Jeffrey Joseph Kaylor was a 2001 graduate of Virginia Tech, having earned a Bachelor of Science degree in Management Science and Information Technology from the Pamplin College of Business; and

WHEREAS, Lt. Kaylor was a member of the Virginia Tech Corps of Cadets, having served as cadet Army battalion commander in the Fall of 2000, and was a member of C Company, a distinguished military graduate, and a three-year scholarship winner; and

WHEREAS, Jeffrey Kaylor was a First Lieutenant in the United States Army with the C Battery, 30th Artillery Battalion based out of Ft. Stewart, Georgia, which supported the 3rd Infantry Division stationed in Iraq; and

WHEREAS, Lt. Kaylor tragically lost his life in Iraq on April 7, 2003, while leading his Multiple Rocket Launcher System platoon on a reconnaissance mission as part of Operation Iraqi Freedom; and

WHEREAS, in recognition of his unwavering courage, loyalty to country, and leadership, Lt. Kaylor was posthumously awarded the Silver Star and the Purple Heart; and

WHEREAS, Jeffrey Kaylor was well regarded in the Virginia Tech community as an outstanding leader, role model, and friend; and

WHEREAS, Jeffrey Kaylor embodied the core values that are inherent to Virginia Tech—*Ut Prosim*, brotherhood, duty, honor, loyalty, leadership, service and sacrifice—and his sacrifice will forever be commemorated on the *Ut Prosim* Pylon of the Virginia Tech War Memorial;

NOW, THEREFORE, BE IT RESOLVED, that the Virginia Tech Board of Visitors proudly honors First Lieutenant Jeffrey J. Kaylor for his unwavering courage and valor, for his steadfast loyalty to "*Ut Prosim*," and for his ultimate sacrifice in service to his country.

RECOMMENDATION:

That the above resolution honoring First Lieutenant Jeffrey J. Kaylor be approved.

RESOLUTION HONORING FIRST LIEUTENANT TIMOTHY E. PRICE
November 8, 2004

WHEREAS, First Lieutenant Timothy E. Price was a 2001 graduate of Virginia Tech, having earned a Bachelor of Science degree in Forestry from the College of Natural Resources; and

WHEREAS, Lt. Price was a member of the Virginia Tech Corps of Cadets, having worked his way up through a variety of leadership positions within the Corps, commanding Kilo Battery during his senior year, and graduating with a Distinguished Military rating; and

WHEREAS, Timothy Price was a First Lieutenant in the United States Army, who successfully completed the Military Police Officers Basic Course, won a gold rating on the German Military Efficiency test, and was on the Commanders list for his achievements during training; and

WHEREAS, Lt. Price was assigned to the 709th Military Police Battalion, most recently commanding the 3rd Platoon of the 127th Military Police Company on his second tour of duty in Baghdad, Iraq; and

WHEREAS, Lt. Price was tragically killed by hostile fire in Iraq on September 7, 2004, while commanding his unit's actions at the scene of a disabled Army vehicle that had been struck by an Improvised Explosive Device; and

WHEREAS, Timothy Price was well respected by his troops, his peers, and his superiors, and leading by example he exhibited his commitment to the core values that are inherent to Virginia Tech--Brotherhood, Honor, Leadership, Sacrifice, Service, Loyalty, Duty and *Ut Prosim*; and

WHEREAS, Timothy Price made the ultimate sacrifice for his country, and will be remembered in perpetuity for his unwavering courage and valor;

NOW, THEREFORE, BE IT RESOLVED, that the Virginia Tech Board of Visitors proudly honors First Lieutenant Timothy Price for his steadfast loyalty to his country and the ideals of "*Ut Prosim*," and for making the ultimate sacrifice in service to his country.

RECOMMENDATION:

That the above resolution honoring First Lieutenant Timothy E. Price be approved.

**President's Statement to the Board of Visitors
on the NAACP Hate Crime Incident**

November 8, 2004

I would like to take this opportunity to comment further on the recent hate crime perpetrated on our campus against the student NAACP Chapter on September 26, 2004. This heinous act, and others like it—such as derogatory remarks written on bathroom walls—cannot be tolerated. Virginia Tech will not become a sanctuary for this despicable behavior. If our investigations result in the identification of the person or persons responsible for these acts, those persons will be prosecuted to the fullest extent of the law.

I approved the steps that were taken by the university in response to the NAACP incident. This includes the official written statement by three Vice Presidents in my stead, the immediate corrective and supportive actions taken by our Student Affairs Division, and the discussions about climate issues facilitated by several faculty members in their classes.

There are two realities impacting us at Virginia Tech and the larger community.

First, when one group in our community is attacked, as in the case of the NAACP, we all become victims, because it is not only students of color who are the target, but our community as a whole. The second reality is that this violence—and that's what it is—is more likely to increase if the community remains silent. So, join me in condemning these acts collectively and individually—indeed there is tremendous power when we all join together.

We must also take steps to come together as a community and ask ourselves—“Are we doing enough?” Are we doing enough to create a welcoming climate for all students...for all faculty and staff? I am confident that the university community shares my revulsion that acts like the NAACP hate crime still happen in this day and age. We have been investing considerable time, resources, and emotion in addressing climate, in improving underrepresented enrollment and access, and in increasing people of color among faculty and staff. Earlier today, The Academic Affairs Committee heard a report on our efforts.

Now, I am calling on my vice presidents and on others in their respective areas of responsibility to continue to exercise their authority to respond in a timely and thorough manner should there be any acts of this kind in the future. Further, I would expect the new Commission on Equal Opportunity and Diversity to be fully engaged in matters of institutional climate. However, I believe the most important thing we can do is to remain vigilant as a community to not tolerate these kinds of acts. Even one such act at our university is too many.



Virginia Tech, TIGR sign memorandum for new alliance

08 Nov 2004

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Collaboration expected to advance Virginia's Biotechnology Development Strategy -

Virginia Tech President Charles Steger announced to the university's board of visitors today that the university and The Institute for Genomic Research (TIGR) of Rockville, Md., have signed a memorandum of understanding. The new alliance will enrich the university's basic research capacity in the life sciences and enhance TIGR's computational and experimental capacity, according to Steger and TIGR President and Director Claire M. Fraser.

The agreement anticipates joint research projects, shared use of related facilities, adjunct faculty appointments, and opportunities for students to participate in research. Building on the strengths of both institutions, it is anticipated that the focus of the joint research projects will be in the areas of microbial, plant, and animal genomics and functional genomics, which have many applications to human health, agriculture, and biodefense.

"This agreement between a leading research university and a leading research organization supports Virginia's biotechnology initiative," said Virginia Governor Mark Warner.

"This is a natural partnership that will enhance the achievements of both the university's and the institute's researchers," said Brad Fenwick, vice president for research at Virginia Tech. "By partnering, we will be able to offer research sponsors more resources and capacity to produce knowledge in a cost-effective and timely fashion. And, of course, combining the excellent skills of these two institutions allows us to address today's complex problems in a way that is difficult to match worldwide."

President Steger said, "The partnership with TIGR also greatly expands opportunities for students to work on critical research applications in the life sciences. The success of graduate education program depends upon students having an array of research opportunities."

Founded in 1992, TIGR (www.tigr.org) is a not-for-profit research institute whose primary research interests are in structural, functional, and comparative analysis of genomes and gene products from a wide variety of organisms. TIGR scientists have completed the genome sequence of many disease-causing microbes, including those that cause cholera, tuberculosis, malaria, meningitis, syphilis, Lyme disease, anthrax, Q Fever, ulcers, and African sleeping sickness, as well as a number of environmentally important microorganisms. TIGR also played a key role in sequencing the first plant genome, *Arabidopsis thaliana*, as well as deciphering the genome sequence of rice.

TIGR's bioinformatics department is creating and maintaining gene databases and has produced new software for finding genes in bacteria, plants, parasites, and other organisms, as well as software for identifying other important biological features of genomes. TIGR also operates two centers under contract with the National Institute of Allergy and Infectious Diseases: the Pathogen Functional Genomics Resource Center, which provides scientists with centralized resources needed to conduct functional genomics studies on a variety of pathogens; and a national Bioinformatics Resource Center (BRC), one of eight for the study of pathogens that are considered biothreat agents or are associated with emerging or re-emerging infectious diseases. Virginia Bioinformatics Institute at Virginia Tech and its partners also operate one of the eight BRCs.

"There are clearly many areas of mutual interest and complementary capabilities at Virginia Tech and TIGR," said Fraser, who is a professor of pharmacology and microbiology at the George Washington University School of Medicine, as well as TIGR's president. "We are excited about formalizing this working relationship. In addition to the Virginia Bioinformatics Institute, we look forward to working with Virginia Tech's considerable capacity in translational biology and high-end computing that is important for molecular biology. Both institutions' ground-breaking development of genomics and informatics tools for the life sciences is an example of how this cooperative effort can provide wider benefits for multiple scientific communities."

Steger noted that the university has done research with plants and animals since its founding in 1872 and has been at the cutting edge of using biotechnology and computational tools to protect animal and human life. The university is home to the Fralin Biotechnology Center and the Virginia Bioinformatics Institute, both of which are multi-million dollar research groups.

Bruno Sobral director of the Virginia Bioinformatics Institute (VBI) (www.vbi.vt.edu) said, "This new development provides an opportunity to continue to expand collaborations between VBI and TIGR, such as in the newly awarded Bioinformatics Resource Centers, and to thereby move more rapidly and cohesively in providing solutions to the country's infectious disease and biodefense response infrastructure."

Established in 2000 as a Commonwealth of Virginia shared resource, VBI has a research platform centered on understanding the "disease triangle" of host-pathogen-environment interactions. VBI researchers are working on many human, crop, and animal diseases. Funded by the Department of Defense, VBI has developed and deployed a web-services-based informatics infrastructure, called ToolBus/PathPort, which combines distributed pathogen data with powerful analysis and visualization tools to build upon what is known and aid in discovery. In addition to the Bioinformatics Resource Centers, VBI also provides the genomics and bioinformatics research core for the 15-university Middle Atlantic Regional Center of Excellence for Biodefense and Emerging Infectious Diseases and the central proteomics biodefense database for the National Institute of Allergy and Infectious Diseases's seven new proteomics research centers. And VBI is one of the National Institute of General Medical Sciences' new research groups responsible for national efforts in infectious disease modeling. VBI is the only organization to be directly involved in all four of these crucial new biodefense-related networks funded by NIH.

"The Virginia Tech-TIGR agreement supports this administration's strategy to build the biotechnology infrastructure in Virginia," Governor Warner said. In a series of Executive Orders, Warner wrote, "The biotechnology industry has the potential to benefit agriculture, manufacturing, and marine-based commerce. To be competitive in growing and attracting this industry, Virginia needs a comprehensive and coordinated statewide strategy for biotechnology."

James Bohland, executive director of the National Capital Region and senior fellow for biomedical, bioengineering, and health projects at Virginia Tech, said, "The presence of a college of veterinary medicine and the Virginia Bioinformatics Institute provides the university with the unique opportunity to undertake comparative approaches to systems of disease and health across multiple species. Building on those capabilities, Virginia Tech has made commitments to develop structures and provide resources that encourage and support interdisciplinary research in several critical health and medical areas. These efforts include the creation of the Fralin Biotechnology Center more than a decade ago, the recent establishment of the Virginia Bioinformatics Institute, and the creation of the new Institute for Biomedical and Public Health Sciences at the university to focus resources on related research. Strong collaborative agreements, such as with the Wake Forest School of Medicine, and now with TIGR, build on Virginia Tech's emerging research foundation in biomedical and health research."

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VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	2	5	9	4	1	4	5	2	1	3
WOMEN	4	9	5	6	4	4	3	0	0	5
TOTAL	6	14	14	10	5	8	8	2	1	8
ARCHITECTURE AND URBAN STUDIES*										
MEN	5	9	13	10	15	9	2	2	2	2
WOMEN	0	6	2	6	5	6	1	1	5	4
TOTAL	5	15	15	16	20	15	3	3	7	6
BUSINESS*										
MEN	17	15	21	16	15	18	14	13	13	13
WOMEN	7	7	14	6	9	4	6	7	6	8
TOTAL	24	22	35	22	24	22	20	20	19	21
ENGINEERING*										
MEN	24	30	65	35	44	39	30	30	29	30
WOMEN	2	6	14	4	7	4	6	3	1	6
TOTAL	26	36	79	39	51	43	36	33	30	36
INTERDISCIPLINARY										
MEN	1	1	1	2	2	29	37	32	32	27
WOMEN	2	13	15	8	4	20	15	20	11	5
TOTAL	3	14	16	10	6	49	52	52	43	32
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	2
WOMEN	0	0	0	0	0	0	0	0	0	3
TOTAL	0	0	0	0	0	0	0	0	0	5
NATURAL RESOURCES*										
MEN	20	41	30	26	12	1	2	2	5	0
WOMEN	7	12	18	15	13	0	2	2	1	1
TOTAL	27	53	48	41	25	1	4	4	6	1
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	8
WOMEN	0	0	0	0	0	0	0	0	0	6
TOTAL	0	0	0	0	0	0	0	0	0	14
UNIVERSITY TOTALS										
MEN	90	134	169	123	111	137	120	101	95	85
WOMEN	46	81	88	71	73	84	80	57	41	38
TOTAL	136	215	257	194	184	221	200	158	136	123

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

**VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	13	11	7	7	5	5	7	9	6	13
WOMEN	20	18	22	20	14	14	14	19	15	14
TOTAL	33	29	29	27	19	19	21	28	21	27
ARCHITECTURE AND URBAN STUDIES*										
MEN	11	17	17	28	26	23	15	15	14	9
WOMEN	1	7	3	16	11	9	1	4	16	14
TOTAL	12	24	20	44	37	32	16	19	30	23
BUSINESS*										
MEN	59	41	52	82	62	63	66	56	68	53
WOMEN	35	32	41	39	36	32	54	31	37	37
TOTAL	94	73	93	121	98	95	120	87	105	90
ENGINEERING*										
MEN	116	124	144	159	145	137	155	101	138	135
WOMEN	28	23	39	50	36	28	23	31	32	25
TOTAL	144	147	183	209	181	165	178	132	170	160
INTERDISCIPLINARY										
MEN	70	81	49	36	42	30	53	86	59	84
WOMEN	30	29	31	29	17	16	22	27	37	38
TOTAL	100	110	80	65	59	46	75	113	96	122
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	32
WOMEN	0	0	0	0	0	0	0	0	0	39
TOTAL	0	0	0	0	0	0	0	0	0	71
NATURAL RESOURCES*										
MEN	16	4	8	9	4	3	3	2	4	3
WOMEN	4	4	7	4	1	0	3	1	3	0
TOTAL	20	8	15	13	5	3	6	3	7	3
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	37
WOMEN	0	0	0	0	0	0	0	0	0	44
TOTAL	0	0	0	0	0	0	0	0	0	81
UNIVERSITY TOTALS										
MEN	383	376	394	432	386	369	430	382	400	366
WOMEN	245	256	295	319	232	239	302	262	246	211
TOTAL	628	632	689	751	618	608	732	644	646	577

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**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	38	43	35	23	18	17	11	15	12	35
WOMEN	28	39	38	45	34	35	24	31	34	63
TOTAL	66	82	73	68	52	52	35	46	46	98
ARCHITECTURE AND URBAN STUDIES*										
MEN	23	30	15	25	38	20	18	29	28	24
WOMEN	13	6	14	14	25	15	12	13	49	26
TOTAL	36	36	29	39	63	35	30	42	77	50
BUSINESS*										
MEN	112	112	110	128	159	120	155	150	145	133
WOMEN	74	79	75	99	81	94	107	100	105	103
TOTAL	186	191	185	227	240	214	262	250	250	236
ENGINEERING*										
MEN	239	252	217	244	240	214	261	218	236	248
WOMEN	53	47	53	49	49	55	42	44	60	37
TOTAL	292	299	270	293	289	269	303	262	296	285
INTERDISCIPLINARY										
MEN	7	8	12	5	4	10	11	9	22	21
WOMEN	4	5	4	3	4	8	6	5	9	8
TOTAL	11	13	16	8	8	18	17	14	31	29
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	91
WOMEN	0	0	0	0	0	0	0	0	0	129
TOTAL	0	0	0	0	0	0	0	0	0	220
NATURAL RESOURCES*										
MEN	16	14	8	15	14	6	10	10	7	2
WOMEN	14	10	10	10	9	4	7	6	5	4
TOTAL	30	24	18	25	23	10	17	16	12	6
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	74
WOMEN	0	0	0	0	0	0	0	0	0	106
TOTAL	0	0	0	0	0	0	0	0	0	180
UNIVERSITY TOTALS										
MEN	707	686	620	687	719	608	716	694	695	628
WOMEN	519	541	479	576	514	511	564	567	586	476
TOTAL	1226	1227	1099	1263	1233	1119	1280	1261	1281	1104

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	40	33	39	34	44	40	37	21	22	36
WOMEN	35	28	43	55	55	44	61	26	30	101
TOTAL	75	61	82	89	99	84	98	47	52	137
ARCHITECTURE AND URBAN STUDIES*										
MEN	25	33	54	55	59	46	50	35	64	62
WOMEN	13	20	33	25	26	27	28	27	44	53
TOTAL	38	53	87	80	85	73	78	62	108	115
BUSINESS*										
MEN	134	123	174	210	252	299	335	349	328	263
WOMEN	90	65	112	115	152	161	188	175	205	190
TOTAL	224	188	286	325	404	460	523	524	533	453
ENGINEERING*										
MEN	331	308	373	378	428	421	436	428	356	415
WOMEN	64	52	78	68	79	69	88	75	74	71
TOTAL	395	360	451	446	507	490	524	503	430	486
INTERDISCIPLINARY										
MEN	1	0	0	0	0	4	0	0	0	1
WOMEN	1	0	1	0	0	1	0	0	0	0
TOTAL	2	0	1	0	0	5	0	0	0	1
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	149
WOMEN	0	0	0	0	0	0	0	0	0	163
TOTAL	0	0	0	0	0	0	0	0	0	312
NATURAL RESOURCES*										
MEN	20	28	25	29	28	13	15	8	14	15
WOMEN	12	8	7	17	13	13	8	6	11	2
TOTAL	32	36	32	46	41	26	23	14	25	17
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	109
WOMEN	0	0	0	0	0	0	0	0	0	148
TOTAL	0	0	0	0	0	0	0	0	0	257
UNIVERSITY TOTALS										
MEN	828	799	1021	1043	1165	1216	1296	1234	1156	1050
WOMEN	544	462	692	719	734	777	860	730	722	728
TOTAL	1372	1261	1713	1762	1899	1993	2156	1964	1878	1778

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**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	94	93	90	68	68	66	60	47	41	87
WOMEN	89	97	109	128	108	98	102	76	80	184
TOTAL	183	190	199	196	176	164	162	123	121	271
ARCHITECTURE AND URBAN STUDIES*										
MEN	64	89	100	119	138	98	85	81	108	97
WOMEN	27	39	53	61	68	59	42	46	114	97
TOTAL	91	128	153	180	206	157	127	127	222	194
BUSINESS*										
MEN	325	291	357	439	489	503	570	568	554	462
WOMEN	207	185	249	264	282	294	355	314	353	338
TOTAL	532	476	606	703	771	797	925	882	907	800
ENGINEERING*										
MEN	710	715	799	817	858	814	882	780	760	829
WOMEN	147	128	185	172	172	158	159	154	167	139
TOTAL	857	843	984	989	1030	972	1041	934	927	968
INTERDISCIPLINARY										
MEN	145	175	130	111	103	103	101	151	141	150
WOMEN	83	88	85	76	79	67	43	77	75	76
TOTAL	228	263	215	187	182	170	144	228	216	226
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	274
WOMEN	0	0	0	0	0	0	0	0	0	334
TOTAL	0	0	0	0	0	0	0	0	0	608
NATURAL RESOURCES*										
MEN	54	52	46	55	48	25	30	22	30	20
WOMEN	32	25	25	31	24	17	20	15	20	7
TOTAL	86	77	71	86	72	42	50	37	50	27
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	228
WOMEN	0	0	0	0	0	0	0	0	0	305
TOTAL	0	0	0	0	0	0	0	0	0	533
UNIVERSITY TOTALS										
MEN	2073	2045	2251	2343	2433	2409	2562	2444	2378	2147
WOMEN	1416	1397	1602	1736	1619	1662	1806	1652	1617	1480
TOTAL	3489	3442	3853	4079	4052	4071	4368	4096	3995	3627

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS-AGRICULTURE TECHNOLOGY

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE TECHNOLOGY - FIRST YEAR										
MEN	3	0	3	0	1	1	3	2	0	2
WOMEN	1	0	0	0	0	0	0	0	0	0
TOTAL	4	0	3	0	1	1	3	2	0	2
AGRICULTURE TECHNOLOGY - SECOND YEAR										
MEN	26	35	40	28	36	35	43	27	30	57
WOMEN	4	3	3	4	5	0	3	7	3	10
TOTAL	30	38	43	32	41	35	46	34	33	67
UNIVERSITY TOTALS										
MEN	29	35	43	28	37	36	46	29	30	59
WOMEN	5	3	3	4	5	0	3	7	3	10
TOTAL	34	38	46	32	42	36	49	36	33	69

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	33	38	12	16	16	13	12	13	13	7
WOMEN	22	20	8	9	7	12	16	11	18	19
TOTAL	55	58	20	25	23	25	28	24	31	26
ARCHITECTURE AND URBAN STUDIES*										
MEN	86	69	58	52	41	49	68	34	42	32
WOMEN	48	53	31	46	19	37	30	28	27	30
TOTAL	134	122	89	98	60	86	98	62	69	62
BUSINESS*										
MEN	83	95	95	80	68	58	35	27	35	25
WOMEN	59	59	40	44	53	52	32	37	36	28
TOTAL	142	154	135	124	121	110	67	64	71	53
ENGINEERING*										
MEN	302	252	174	101	103	142	137	119	106	124
WOMEN	62	58	25	20	25	26	25	29	32	34
TOTAL	364	310	199	121	128	168	162	148	138	158
INTERDISCIPLINARY										
MEN	0	1	0	0	0	0	42	0	0	2
WOMEN	0	0	0	0	0	0	24	0	2	0
TOTAL	0	1	0	0	0	0	66	0	2	2
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	54
WOMEN	0	0	0	0	0	0	0	0	0	122
TOTAL	0	0	0	0	0	0	0	0	0	176
NATURAL RESOURCES*										
MEN	28	17	11	10	11	9	14	5	5	7
WOMEN	4	11	4	3	1	3	18	2	0	2
TOTAL	32	28	15	13	12	12	32	7	5	9
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	18
WOMEN	0	0	0	0	0	0	0	0	0	21
TOTAL	0	0	0	0	0	0	0	0	0	39
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	5	12	9	5	2	5	6	5	1	3
WOMEN	6	8	4	3	0	4	8	6	4	6
TOTAL	11	20	13	8	2	9	14	11	5	9
UNIVERSITY TOTALS										
MEN	656	612	507	390	357	374	423	314	310	272
WOMEN	439	408	309	299	289	293	354	299	262	262
TOTAL	1095	1020	816	689	646	667	777	613	572	534

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VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS - VETERINARY MEDICINE

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
VETERINARY MEDICINE - FIRST YEAR										
MEN	0	0	0	0	0	1	0	0	0	0
WOMEN	0	0	0	0	0	1	0	0	0	0
TOTAL	0	0	0	0	0	2	0	0	0	0
VETERINARY MEDICINE - SECOND YEAR										
MEN	0	0	0	0	0	1	0	0	0	0
WOMEN	0	0	0	0	0	1	0	0	0	0
TOTAL	0	0	0	0	0	2	0	0	0	0
VETERINARY MEDICINE - THIRD YEAR										
MEN	0	0	0	0	0	0	7	1	0	0
WOMEN	0	1	0	1	0	1	14	0	0	0
TOTAL	0	1	0	1	0	1	21	1	0	0
VETERINARY MEDICINE - FOURTH YEAR										
MEN	22	25	19	23	28	18	14	19	21	12
WOMEN	53	54	62	55	59	62	51	68	71	74
TOTAL	75	79	81	78	87	80	65	87	92	86
UNIVERSITY TOTALS										
MEN	22	25	19	23	28	20	21	20	21	12
WOMEN	54	54	62	56	59	65	65	68	71	74
TOTAL	76	79	81	79	87	85	86	88	92	86

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	156	166	145	112	121	115	118	89	84	153
WOMEN	116	120	120	141	120	110	121	94	101	213
TOTAL	272	286	265	253	241	225	239	183	185	366
ARCHITECTURE AND URBAN STUDIES*										
MEN	99	129	145	175	165	134	126	125	145	129
WOMEN	53	60	88	93	97	92	80	84	139	127
TOTAL	152	189	233	268	262	226	206	209	284	256
BUSINESS*										
MEN	408	386	452	519	557	561	607	595	589	487
WOMEN	266	244	289	308	335	346	389	351	389	366
TOTAL	674	630	741	827	892	907	996	946	978	853
ENGINEERING*										
MEN	1012	967	973	918	961	956	1021	899	899	953
WOMEN	209	186	210	192	197	184	184	183	183	173
TOTAL	1221	1153	1183	1110	1158	1140	1205	1082	1082	1126
INTERDISCIPLINARY										
MEN	145	176	130	111	103	34	175	151	141	152
WOMEN	83	88	85	76	79	20	97	77	77	76
TOTAL	228	264	215	187	182	54	272	228	218	228
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	328
WOMEN	0	0	0	0	0	0	0	0	0	456
TOTAL	0	0	0	0	0	0	0	0	0	784
NATURAL RESOURCES*										
MEN	82	69	57	65	59	103	44	27	35	27
WOMEN	36	36	29	34	25	67	41	17	20	9
TOTAL	118	105	86	99	84	170	85	44	55	36
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	246
WOMEN	0	0	0	0	0	0	0	0	0	326
TOTAL	0	0	0	0	0	0	0	0	0	572
VETERINARY MEDICINE GRAD & PH.D.										
MEN	27	37	28	28	30	25	27	25	22	15
WOMEN	60	62	66	59	59	69	73	74	75	80
TOTAL	87	99	94	87	89	94	100	99	97	95
UNIVERSITY TOTALS										
MEN	2780	2717	2820	2784	2855	2803	3106	2807	2739	2490
WOMEN	1914	1862	1976	2095	1972	2020	2298	2026	1953	1826
TOTAL	4694	4579	4796	4879	4827	4823	5404	4833	4692	4316

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**VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	3	3	7	3	1	3	4	0	0	0
WOMEN	5	6	4	5	3	4	4	2	2	2
TOTAL	8	9	11	8	4	7	8	2	2	2
ARCHITECTURE AND URBAN STUDIES*										
MEN	5	7	10	10	16	6	4	0	1	1
WOMEN	1	5	1	5	11	3	1	1	2	1
TOTAL	6	12	11	15	27	9	5	1	3	2
BUSINESS*										
MEN	15	13	21	14	16	13	17	11	9	6
WOMEN	4	4	15	5	8	8	2	4	4	7
TOTAL	19	17	36	19	24	21	19	15	13	13
ENGINEERING*										
MEN	21	59	38	31	46	53	47	33	33	18
WOMEN	5	6	8	5	4	7	7	12	10	3
TOTAL	26	65	46	36	50	60	54	45	43	21
INTERDISCIPLINARY										
MEN	29	24	32	22	7	27	31	29	30	17
WOMEN	11	10	11	14	6	17	15	12	10	1
TOTAL	40	34	43	36	13	44	46	41	40	18
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	7
WOMEN	0	0	0	0	0	0	0	0	0	2
TOTAL	0	0	0	0	0	0	0	0	0	9
NATURAL RESOURCES*										
MEN	0	4	2	2	0	1	2	1	0	0
WOMEN	1	3	1	1	2	1	2	1	0	1
TOTAL	1	7	3	3	2	2	4	2	0	1
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	5
WOMEN	0	0	0	0	0	0	0	0	0	9
TOTAL	0	0	0	0	0	0	0	0	0	14
UNIVERSITY TOTALS										
MEN	104	134	140	118	113	139	135	87	86	54
WOMEN	50	70	65	74	62	91	69	47	44	26
TOTAL	154	204	205	192	175	230	204	134	130	80

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**VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	4	4	7	7	2	5	9	6	6	9
WOMEN	7	12	12	9	8	6	8	8	5	9
TOTAL	11	16	19	16	10	11	17	14	11	18
ARCHITECTURE AND URBAN STUDIES*										
MEN	9	21	13	21	28	27	7	4	8	4
WOMEN	5	6	2	12	14	8	3	3	11	8
TOTAL	14	27	15	33	42	35	10	7	19	12
BUSINESS*										
MEN	48	32	29	49	34	37	50	35	33	25
WOMEN	31	17	21	22	18	15	29	15	12	14
TOTAL	79	49	50	71	52	52	79	50	45	39
ENGINEERING*										
MEN	78	116	118	99	104	122	91	92	81	89
WOMEN	21	19	25	30	19	26	21	29	21	17
TOTAL	99	135	143	129	123	148	112	121	102	106
INTERDISCIPLINARY										
MEN	52	36	34	34	31	43	44	70	49	63
WOMEN	12	11	23	22	9	11	21	22	26	25
TOTAL	64	47	57	56	40	54	65	92	75	88
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	18
WOMEN	0	0	0	0	0	0	0	0	0	19
TOTAL	0	0	0	0	0	0	0	0	0	37
NATURAL RESOURCES*										
MEN	7	5	4	6	5	1	2	5	2	4
WOMEN	5	1	4	1	0	1	2	2	2	2
TOTAL	12	6	8	7	5	2	4	7	4	6
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	19
WOMEN	0	0	0	0	0	0	0	0	0	21
TOTAL	0	0	0	0	0	0	0	0	0	40
UNIVERSITY TOTALS										
MEN	258	302	290	317	265	300	284	270	247	231
WOMEN	137	134	158	192	127	150	184	162	119	115
TOTAL	395	436	448	509	392	450	468	432	366	346

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VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	28	21	19	12	11	12	5	10	5	22
WOMEN	24	19	24	26	20	18	14	26	19	43
TOTAL	52	40	43	38	31	30	19	36	24	65
ARCHITECTURE AND URBAN STUDIES*										
MEN	15	24	15	19	27	14	7	15	13	17
WOMEN	7	5	10	17	10	9	8	8	33	19
TOTAL	22	29	25	36	37	23	15	23	46	36
BUSINESS*										
MEN	75	80	73	113	73	87	104	78	93	80
WOMEN	46	58	59	67	49	53	53	53	49	54
TOTAL	121	138	132	180	122	140	157	131	142	134
ENGINEERING*										
MEN	203	210	170	213	174	151	186	169	137	172
WOMEN	41	42	44	39	35	32	30	31	39	41
TOTAL	244	252	214	252	209	183	216	200	176	213
INTERDISCIPLINARY										
MEN	6	10	10	7	3	5	14	9	12	16
WOMEN	3	4	3	4	2	5	3	2	6	3
TOTAL	9	14	13	11	5	10	17	11	18	19
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	69
WOMEN	0	0	0	0	0	0	0	0	0	81
TOTAL	0	0	0	0	0	0	0	0	0	150
NATURAL RESOURCES*										
MEN	11	8	6	11	11	4	9	5	5	4
WOMEN	9	7	9	5	6	2	2	10	1	2
TOTAL	20	15	15	16	17	6	11	15	6	6
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	51
WOMEN	0	0	0	0	0	0	0	0	0	87
TOTAL	0	0	0	0	0	0	0	0	0	138
UNIVERSITY TOTALS										
MEN	534	502	473	561	460	460	494	466	436	431
WOMEN	337	349	321	417	297	314	359	345	339	330
TOTAL	871	851	794	978	757	774	853	811	775	761

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VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	25	15	25	21	27	25	23	14	20	25
WOMEN	26	15	24	26	34	29	33	20	22	67
TOTAL	51	30	49	47	61	54	56	34	42	92
ARCHITECTURE AND URBAN STUDIES*										
MEN	27	19	40	46	26	33	31	16	39	35
WOMEN	10	9	22	16	10	14	8	11	28	30
TOTAL	37	28	62	62	36	47	39	27	67	65
BUSINESS*										
MEN	93	110	155	151	152	194	181	210	188	183
WOMEN	66	52	91	92	80	109	108	120	123	100
TOTAL	159	162	246	243	232	303	289	330	311	283
ENGINEERING*										
MEN	287	272	319	348	356	364	380	362	302	364
WOMEN	58	50	44	72	63	72	58	65	67	62
TOTAL	345	322	363	420	419	436	438	427	369	426
INTERDISCIPLINARY										
MEN	1	0	0	0	0	2	3	0	1	0
WOMEN	0	0	2	0	0	0	0	0	0	0
TOTAL	1	0	2	0	0	2	3	0	1	0
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	130
WOMEN	0	0	0	0	0	0	0	0	0	137
TOTAL	0	0	0	0	0	0	0	0	0	267
NATURAL RESOURCES*										
MEN	10	21	20	20	11	11	19	9	6	8
WOMEN	15	4	6	4	7	3	7	6	4	5
TOTAL	25	25	26	24	18	14	26	15	10	13
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	82
WOMEN	0	0	0	0	0	0	0	0	0	88
TOTAL	0	0	0	0	0	0	0	0	0	170
UNIVERSITY TOTALS										
MEN	632	618	813	889	832	957	933	904	870	827
WOMEN	411	320	453	537	486	557	501	508	515	489
TOTAL	1043	938	1266	1426	1318	1514	1434	1412	1385	1316

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VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	60	43	58	43	41	45	41	30	31	56
WOMEN	63	54	64	66	67	58	59	56	48	121
TOTAL	123	97	122	109	108	103	100	86	79	177
ARCHITECTURE AND URBAN STUDIES*										
MEN	56	71	79	97	97	80	49	35	61	57
WOMEN	23	25	36	50	45	35	20	23	74	58
TOTAL	79	96	115	147	142	115	69	58	135	115
BUSINESS*										
MEN	233	237	279	332	276	333	352	334	324	294
WOMEN	150	132	188	188	155	187	192	193	188	175
TOTAL	383	369	467	520	431	520	544	527	512	469
ENGINEERING*										
MEN	589	657	645	692	681	692	704	659	553	643
WOMEN	125	117	121	147	122	138	116	137	138	123
TOTAL	714	774	766	839	803	830	820	796	691	766
INTERDISCIPLINARY										
MEN	117	116	109	105	61	104	92	127	109	108
WOMEN	60	57	71	77	47	64	39	61	61	50
TOTAL	177	173	180	182	108	168	131	188	170	158
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	224
WOMEN	0	0	0	0	0	0	0	0	0	239
TOTAL	0	0	0	0	0	0	0	0	0	463
NATURAL RESOURCES*										
MEN	28	38	32	39	28	17	32	20	13	16
WOMEN	30	15	21	11	15	7	13	19	7	10
TOTAL	58	53	53	50	43	24	45	39	20	26
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	157
WOMEN	0	0	0	0	0	0	0	0	0	206
TOTAL	0	0	0	0	0	0	0	0	0	363
UNIVERSITY TOTALS										
MEN	1567	1611	1757	1939	1697	1893	1846	1753	1660	1555
WOMEN	986	921	1039	1270	1011	1159	1113	1092	1038	982
TOTAL	2553	2532	2796	3209	2708	3052	2959	2845	2698	2537

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[illegible]

VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	32	37	21	13	11	17	10	11	7	8
WOMEN	19	21	10	10	10	16	16	11	11	8
TOTAL	51	58	31	23	21	33	26	22	18	16
ARCHITECTURE AND URBAN STUDIES**										
MEN	24	19	26	35	23	24	23	29	27	21
WOMEN	22	9	24	20	21	23	29	20	16	17
TOTAL	46	28	50	55	44	47	52	49	43	38
BUSINESS*										
MEN	62	66	65	54	22	23	10	10	21	12
WOMEN	40	35	32	33	8	15	10	11	11	9
TOTAL	102	101	97	87	30	38	20	21	32	21
ENGINEERING*										
MEN	264	231	131	119	92	124	121	104	76	95
WOMEN	68	60	28	30	23	28	19	16	16	21
TOTAL	332	291	159	149	115	152	140	120	92	116
INTERDISCIPLINARY										
MEN	1	0	0	0	0	0	0	0	1	5
WOMEN	0	0	0	0	0	0	0	1	0	0
TOTAL	1	0	0	0	0	0	0	1	1	5
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	49
WOMEN	0	0	0	0	0	0	0	0	0	112
TOTAL	0	0	0	0	0	0	0	0	0	161
NATURAL RESOURCES*										
MEN	28	21	3	12	9	6	7	4	3	11
WOMEN	2	10	4	4	0	2	3	0	1	2
TOTAL	30	31	7	16	9	8	10	4	4	13
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	13
WOMEN	0	0	0	0	0	0	0	0	0	8
TOTAL	0	0	0	0	0	0	0	0	0	21
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	5	16	11	10	3	6	7	4	2	4
WOMEN	9	11	8	10	4	11	5	4	3	4
TOTAL	14	27	19	20	7	17	12	8	5	8
UNIVERSITY TOTALS										
MEN	582	544	417	385	269	324	313	278	242	218
WOMEN	425	375	308	317	253	321	311	220	224	181
TOTAL	1007	919	725	702	522	645	624	498	466	399

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**VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS - VETERINARY MEDICINE**

SCHOOL	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
VETERINARY MEDICINE - FIRST YEAR										
MEN	0	0	0	0	0	1	0	0	0	0
WOMEN	0	0	0	0	0	1	0	0	0	0
TOTAL	0	0	0	0	0	2	0	0	0	0
VETERINARY MEDICINE - SECOND YEAR										
MEN	0	0	0	0	0	2	0	0	0	0
WOMEN	0	0	0	0	0	1	0	0	0	1
TOTAL	0	0	0	0	0	3	0	0	0	1
VETERINARY MEDICINE - THIRD YEAR										
MEN	0	0	0	0	0	0	0	0	0	0
WOMEN	0	0	0	0	0	1	0	0	0	0
TOTAL	0	0	0	0	0	1	0	0	0	0
VETERINARY MEDICINE - FOURTH YEAR										
MEN	22	25	19	24	27	21	21	20	21	12
WOMEN	55	55	62	55	57	61	65	68	71	74
TOTAL	77	80	81	79	84	82	86	88	92	86
UNIVERSITY TOTALS										
MEN	22	25	19	24	27	24	21	20	21	12
WOMEN	55	55	62	55	57	64	65	68	71	75
TOTAL	77	80	81	79	84	88	86	88	92	87

**VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	92	80	79	56	52	62	51	42	39	64
WOMEN	82	75	74	76	77	74	76	67	59	129
TOTAL	174	155	153	132	129	136	127	109	98	193
ARCHITECTURE AND URBAN STUDIES*										
MEN	80	90	105	132	120	104	72	64	88	78
WOMEN	45	34	60	70	66	58	49	43	90	75
TOTAL	125	124	165	202	186	162	121	107	178	153
BUSINESS*										
MEN	295	303	344	386	298	356	364	344	345	306
WOMEN	190	167	220	221	163	202	205	204	199	184
TOTAL	485	470	564	607	461	558	569	548	544	490
ENGINEERING*										
MEN	853	888	776	811	773	816	828	763	629	738
WOMEN	193	177	149	177	145	166	136	153	154	144
TOTAL	1046	1065	925	988	918	982	964	916	783	882
INTERDISCIPLINARY										
MEN	118	116	109	105	61	104	110	127	110	113
WOMEN	60	57	71	77	47	64	62	62	61	50
TOTAL	178	173	180	182	108	168	172	189	171	163
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	0	273
WOMEN	0	0	0	0	0	0	0	0	0	351
TOTAL	0	0	0	0	0	0	0	0	0	624
NATURAL RESOURCES*										
MEN	56	59	35	51	37	23	39	24	16	27
WOMEN	32	25	25	15	15	9	17	19	8	12
TOTAL	88	84	60	66	52	32	56	43	24	39
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	0	170
WOMEN	0	0	0	0	0	0	0	0	0	214
TOTAL	0	0	0	0	0	0	0	0	0	384
VETERINARY MEDICINE GRAD. AND PH.D.										
MEN	27	41	30	34	30	30	28	24	23	16
WOMEN	64	66	70	65	61	75	70	72	74	79
TOTAL	91	107	100	99	91	105	98	96	97	95
UNIVERSITY TOTALS										
MEN	2171	2180	2193	2348	1993	2241	2210	2053	1924	1785
WOMEN	1466	1351	1409	1642	1321	1544	1523	1380	1333	1238
TOTAL	3637	3531	3602	3990	3314	3785	3733	3433	3257	3023

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**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	150	141	143	119	105	83	80	69	88	109
WOMEN	228	240	223	198	197	167	176	161	203	234
TOTAL	378	381	366	317	302	250	256	230	291	343
ARCHITECTURE AND URBAN STUDIES*										
MEN	148	145	152	162	153	148	139	123	113	148
WOMEN	74	61	62	63	89	77	69	81	114	135
TOTAL	222	206	214	225	242	225	208	204	227	283
BUSINESS*										
MEN	356	447	561	531	493	451	458	444	440	479
WOMEN	302	303	323	356	325	325	299	324	322	289
TOTAL	658	750	884	887	818	776	757	768	762	768
ENGINEERING*										
MEN	725	1372	1342	1260	1321	1101	1030	982	1282	1115
WOMEN	168	266	260	246	241	228	225	183	207	182
TOTAL	893	1638	1602	1506	1562	1329	1255	1165	1489	1297
INTERDISCIPLINARY										
MEN	944	623	615	482	544	656	819	794	783	910
WOMEN	543	521	503	433	493	543	560	528	539	589
TOTAL	1487	1144	1118	915	1037	1199	1379	1322	1322	1499
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	231	243
WOMEN	0	0	0	0	0	0	0	0	446	459
TOTAL	0	0	0	0	0	0	0	0	677	702
NATURAL RESOURCES*										
MEN	102	97	83	72	73	71	59	77	49	55
WOMEN	60	50	51	41	41	45	30	28	36	24
TOTAL	162	147	134	113	114	116	89	105	85	79
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	304	273
WOMEN	0	0	0	0	0	0	0	0	500	438
TOTAL	0	0	0	0	0	0	0	0	804	711
UNIVERSITY TOTALS										
MEN	3276	3665	3778	3510	3641	3405	3433	3258	3290	3332
WOMEN	2448	2526	2559	2431	2553	2581	2402	2272	2367	2350
TOTAL	5724	6191	6337	5941	6194	5986	5835	5530	5657	5682

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**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	129	156	129	109	111	86	92	75	100	120
WOMEN	172	205	184	189	162	135	141	157	209	227
TOTAL	301	361	313	298	273	221	233	232	309	347
ARCHITECTURE AND URBAN STUDIES*										
MEN	144	162	133	132	159	159	150	194	168	144
WOMEN	57	86	64	63	71	81	72	124	148	142
TOTAL	201	248	197	195	230	240	222	318	316	286
BUSINESS*										
MEN	359	447	433	458	500	439	450	455	446	417
WOMEN	271	327	276	251	306	230	288	285	302	297
TOTAL	630	774	709	709	806	669	738	740	748	714
ENGINEERING*										
MEN	818	1010	1096	1082	943	984	920	917	1113	1140
WOMEN	150	206	195	201	199	183	170	196	190	169
TOTAL	968	1216	1291	1283	1142	1167	1090	1113	1303	1309
INTERDISCIPLINARY										
MEN	390	253	219	245	192	264	317	366	350	302
WOMEN	184	197	179	168	149	197	199	203	200	212
TOTAL	574	450	398	413	341	461	516	569	550	514
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	294	353
WOMEN	0	0	0	0	0	0	0	0	494	512
TOTAL	0	0	0	0	0	0	0	0	788	865
NATURAL RESOURCES*										
MEN	132	125	108	87	92	66	69	72	85	77
WOMEN	68	70	68	43	38	31	44	30	31	32
TOTAL	200	195	176	130	130	97	113	102	116	109
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	265	327
WOMEN	0	0	0	0	0	0	0	0	409	434
TOTAL	0	0	0	0	0	0	0	0	674	761
UNIVERSITY TOTALS										
MEN	2725	3050	3040	3012	2794	2882	2863	2928	2821	2880
WOMEN	1992	2295	2099	2035	1953	1935	2087	2059	1983	2025
TOTAL	4717	5345	5139	5047	4747	4817	4950	4987	4804	4905

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**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	177	177	154	165	122	107	92	105	127	140
WOMEN	145	185	175	191	163	159	137	123	275	231
TOTAL	322	362	329	356	285	266	229	228	402	371
ARCHITECTURE AND URBAN STUDIES*										
MEN	152	150	155	152	151	138	171	193	201	169
WOMEN	61	59	73	68	73	68	82	115	162	148
TOTAL	213	209	228	220	224	206	253	308	363	317
BUSINESS*										
MEN	436	475	430	572	592	568	659	586	598	572
WOMEN	246	314	305	324	327	378	352	390	352	354
TOTAL	682	789	735	896	919	946	1011	976	950	926
ENGINEERING*										
MEN	914	894	812	869	866	821	853	840	1092	1056
WOMEN	156	170	152	160	150	166	153	147	203	182
TOTAL	1070	1064	964	1029	1016	987	1006	987	1295	1238
INTERDISCIPLINARY										
MEN	25	31	20	11	30	27	15	32	34	34
WOMEN	10	20	11	7	13	10	21	13	9	12
TOTAL	35	51	31	18	43	37	36	45	43	46
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	406	391
WOMEN	0	0	0	0	0	0	0	0	576	574
TOTAL	0	0	0	0	0	0	0	0	982	965
NATURAL RESOURCES*										
MEN	144	144	113	99	95	83	72	72	86	80
WOMEN	58	66	58	65	45	41	36	55	37	36
TOTAL	202	210	171	164	140	124	108	127	123	116
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	279	293
WOMEN	0	0	0	0	0	0	0	0	391	388
TOTAL	0	0	0	0	0	0	0	0	670	681
UNIVERSITY TOTALS										
MEN	2901	2878	2578	2908	2840	2622	2871	2739	2823	2735
WOMEN	2054	2145	1854	2022	1936	1893	1967	2020	2005	1925
TOTAL	4955	5023	4432	4930	4776	4515	4838	4759	4828	4660

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VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	134	135	180	177	167	154	135	117	146	158
WOMEN	122	116	183	184	217	209	176	163	287	334
TOTAL	256	251	363	361	384	363	311	280	433	492
ARCHITECTURE AND URBAN STUDIES*										
MEN	175	189	238	253	289	275	252	313	329	324
WOMEN	75	74	93	121	138	132	124	171	228	233
TOTAL	250	263	331	374	427	407	376	484	557	557
BUSINESS*										
MEN	317	330	463	522	672	759	765	858	788	741
WOMEN	197	180	306	370	368	389	444	497	461	418
TOTAL	514	510	769	892	1040	1148	1209	1355	1249	1159
ENGINEERING*										
MEN	934	905	1051	1062	1214	1202	1149	1159	1367	1438
WOMEN	183	170	208	220	247	223	260	227	262	274
TOTAL	1117	1075	1259	1282	1461	1425	1409	1386	1629	1712
INTERDISCIPLINARY										
MEN	0	0	0	0	0	0	0	0	1	0
WOMEN	0	0	1	0	0	0	0	0	0	0
TOTAL	0	0	1	0	0	0	0	0	1	0
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	477	445
WOMEN	0	0	0	0	0	0	0	0	629	578
TOTAL	0	0	0	0	0	0	0	0	1106	1023
NATURAL RESOURCES*										
MEN	114	104	115	134	115	117	106	89	87	99
WOMEN	51	35	53	57	71	56	55	41	57	43
TOTAL	165	139	168	191	186	173	161	130	144	142
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	298	323
WOMEN	0	0	0	0	0	0	0	0	411	420
TOTAL	0	0	0	0	0	0	0	0	709	743
UNIVERSITY TOTALS										
MEN	2405	2332	2921	3083	3534	3590	3436	3622	3493	3528
WOMEN	1461	1375	1925	2108	2273	2221	2278	2291	2336	2300
TOTAL	3866	3707	4846	5191	5807	5811	5714	5913	5829	5828

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VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	593	612	608	581	513	440	399	375	461	528
WOMEN	677	754	771	768	752	674	630	614	974	1029
TOTAL	1270	1366	1379	1349	1265	1114	1029	989	1435	1557
ARCHITECTURE AND URBAN STUDIES*										
MEN	620	647	680	700	753	723	712	824	811	785
WOMEN	268	281	293	319	377	360	347	493	654	661
TOTAL	888	928	973	1019	1130	1083	1059	1317	1465	1446
BUSINESS*										
MEN	1472	1701	1892	2090	2267	2224	2332	2346	2272	2210
WOMEN	1024	1134	1215	1320	1340	1333	1383	1500	1437	1360
TOTAL	2496	2835	3107	3410	3607	3557	3715	3846	3709	3570
ENGINEERING*										
MEN	3397	4187	4312	4278	4349	4126	3952	3909	4856	4758
WOMEN	660	812	815	833	843	805	808	758	862	808
TOTAL	4057	4999	5127	5111	5192	4931	4760	4667	5718	5566
INTERDISCIPLINARY										
MEN	1376	929	866	755	784	965	1151	1206	1179	1270
WOMEN	754	758	709	625	670	768	780	753	772	836
TOTAL	2130	1687	1575	1380	1454	1733	1931	1959	1951	2106
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	1411	1433
WOMEN	0	0	0	0	0	0	0	0	2148	2126
TOTAL	0	0	0	0	0	0	0	0	3559	3559
NATURAL RESOURCES*										
MEN	496	472	423	397	379	343	3069	311	307	311
WOMEN	239	225	235	208	195	177	165	156	161	136
TOTAL	735	697	658	605	574	520	3234	467	468	447
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	1148	1217
WOMEN	0	0	0	0	0	0	0	0	1715	1681
TOTAL	0	0	0	0	0	0	0	0	2863	2898
UNIVERSITY TOTALS										
MEN	11355	11976	12374	12590	12880	12585	12603	12602	12445	12512
WOMEN	8033	8418	8492	8702	8823	8723	8734	8696	8724	8637
TOTAL	19388	20394	20866	21292	21703	21308	21337	21298	21169	21149

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VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS-AGRICULTURE TECHNOLOGY

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE TECHNOLOGY-FIRST YEAR										
MEN	59	75	65	71	49	63	63	50	65	50
WOMEN	9	5	12	6	5	9	10	13	14	7
TOTAL	68	80	77	77	54	72	73	63	79	57
AGRICULTURE TECHNOLOGY-SECOND YEAR										
MEN	35	45	61	42	48	37	49	43	40	58
WOMEN	5	6	3	4	5	2	4	10	6	8
TOTAL	40	51	64	46	53	39	53	53	46	66
UNIVERSITY TOTALS										
MEN	94	120	126	113	97	100	112	93	105	108
WOMEN	14	11	15	10	10	11	14	23	20	15
TOTAL	108	131	141	123	107	111	126	116	125	123

VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	150	147	134	144	128	121	122	128	130	131
WOMEN	101	104	103	106	107	120	124	117	152	157
TOTAL	251	251	237	250	235	241	246	245	282	288
ARCHITECTURE AND URBAN STUDIES*										
MEN	167	190	174	195	167	189	176	178	182	201
WOMEN	110	117	117	117	114	132	154	134	153	146
TOTAL	277	307	291	312	281	321	330	312	335	347
BUSINESS*										
MEN	217	231	238	201	177	159	141	166	185	146
WOMEN	121	126	111	118	130	114	102	127	119	109
TOTAL	338	357	349	319	307	273	243	293	304	255
ENGINEERING*										
MEN	1003	1016	958	941	921	1023	1061	1111	1313	1266
WOMEN	196	196	194	187	188	196	227	253	290	280
TOTAL	1199	1212	1152	1128	1109	1219	1288	1364	1603	1546
INTERDISCIPLINARY										
MEN	1	1	0	0	0	23	6	16	28	52
WOMEN	0	0	0	0	0	9	4	8	15	29
TOTAL	1	1	0	0	0	32	10	24	43	81
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	275	278
WOMEN	0	0	0	0	0	0	0	0	522	479
TOTAL	0	0	0	0	0	0	0	0	797	757
NATURAL RESOURCES*										
MEN	85	89	102	101	93	86	83	74	78	85
WOMEN	25	36	41	37	36	41	40	37	42	41
TOTAL	110	125	143	138	129	127	123	111	120	126
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	330	327
WOMEN	0	0	0	0	0	0	0	0	199	201
TOTAL	0	0	0	0	0	0	0	0	529	528
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	16	29	29	38	33	38	27	34	27	32
WOMEN	26	22	27	36	45	53	46	47	44	40
TOTAL	42	51	56	74	78	91	73	81	71	72
UNIVERSITY TOTALS										
MEN	2399	2473	2449	2411	2257	2409	2433	2472	2548	2518
WOMEN	1462	1483	1419	1436	1361	1466	1583	1573	1536	1482
TOTAL	3861	3956	3868	3847	3618	3875	4016	4045	4084	4000

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**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS - VETERINARY MEDICINE**

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
VETERINARY MEDICINE - FIRST YEAR										
MEN	24	27	22	20	27	22	12	28	18	16
WOMEN	59	63	67	69	72	71	76	64	74	75
TOTAL	83	90	89	89	99	93	88	92	92	91
VETERINARY MEDICINE - SECOND YEAR										
MEN	18	24	28	22	15	17	21	11	26	17
WOMEN	58	55	60	67	64	68	71	77	64	74
TOTAL	76	79	88	89	79	85	92	88	90	91
VETERINARY MEDICINE - THIRD YEAR										
MEN	25	19	24	28	22	21	20	21	11	24
WOMEN	56	62	56	61	67	63	69	71	75	65
TOTAL	81	81	80	89	89	84	89	92	86	89
VETERINARY MEDICINE - FOURTH YEAR										
MEN	22	25	19	24	28	22	21	20	21	12
WOMEN	55	56	62	55	60	65	65	68	71	74
TOTAL	77	81	81	79	88	87	86	88	92	86
UNIVERSITY TOTALS										
MEN	89	95	93	94	92	82	74	80	76	69
WOMEN	228	236	245	252	263	267	281	280	284	288
TOTAL	317	331	338	346	355	349	355	360	360	357

VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS

COLLEGE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AGRICULTURE AND LIFE SCIENCES*										
MEN	837	879	868	838	738	661	633	596	696	767
WOMEN	792	869	889	884	869	805	771	754	1146	1201
TOTAL	1629	1748	1757	1722	1607	1466	1404	1350	1842	1968
ARCHITECTURE AND URBAN STUDIES*										
MEN	787	837	854	895	920	912	888	1002	993	986
WOMEN	378	398	410	436	491	492	501	627	807	807
TOTAL	1165	1235	1264	1331	1411	1404	1389	1629	1800	1793
BUSINESS*										
MEN	1689	1932	2130	2291	2444	2383	2475	2512	2457	2356
WOMEN	1145	1260	1326	1438	1470	1447	1489	1627	1556	1469
TOTAL	2834	3192	3456	3729	3914	3830	3964	4139	4013	3825
ENGINEERING*										
MEN	4400	5203	5270	5219	5270	5149	5019	5020	6169	6024
WOMEN	856	1008	1009	1020	1031	1001	1035	1011	1152	1088
TOTAL	5256	6211	6279	6239	6301	6150	6054	6031	7321	7112
INTERDISCIPLINARY										
MEN	1377	930	866	755	784	988	1164	1222	1207	1322
WOMEN	754	758	709	625	670	777	791	761	787	865
TOTAL	2131	1688	1575	1380	1454	1765	1955	1983	1994	2187
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	0	1686	1711
WOMEN	0	0	0	0	0	0	0	0	2670	2605
TOTAL	0	0	0	0	0	0	0	0	4356	4316
NATURAL RESOURCES*										
MEN	581	561	525	498	472	429	391	385	385	396
WOMEN	264	261	276	245	231	218	207	193	203	177
TOTAL	845	822	801	743	703	647	598	578	588	573
SCIENCE**										
MEN	0	0	0	0	0	0	0	0	1478	1544
WOMEN	0	0	0	0	0	0	0	0	1914	1882
TOTAL	0	0	0	0	0	0	0	0	3392	3426
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	105	124	122	132	125	120	101	114	103	101
WOMEN	254	258	272	288	308	320	327	327	328	328
TOTAL	359	382	394	420	433	440	428	441	431	429
UNIVERSITY TOTALS										
MEN	13937	14664	15042	15208	15326	15176	15256	15247	15174	15207
WOMEN	9737	10148	10171	10400	10457	10467	10655	10572	10563	10422
TOTAL	23674	24812	25213	25608	25783	25643	25911	25819	25737	25629

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Atlantic Coast Conference

Governing Board Certification Form Academic Year 2004-05

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As Chairman of the Governing Board at Virginia Polytechnic Institute & State University, I attest that:

- 1) Responsibility for the administration of the athletics program has been delegated to the Chief Executive Officer of the Institution.
- 2) The Chief Executive Officer has the mandate and support of the board to operate a program of integrity in full compliance with NCAA, ACC and all other relevant rules and regulations.
- 3) The Chief Executive Officer, in consultation with the Faculty Representative and the Director of Athletics, determines how the institutional vote shall be cast on issues of athletic policy presently to the NCAA and the ACC.

Date Presented to the Governing Board: 8 November 2004

Signed: _____

(Chairman of the Governing Board)

Please return completed form to:

*Commissioner John D. Swofford
Atlantic Coast Conference
P.O. Drawer ACC
Greensboro, NC 27417-6724*

Resolution Honoring

William E. “Ping” Betts, Jr.

2005 William H. Ruffner Medal Recipient

WHEREAS, Virginia Tech is very proud to recognize among its most esteemed alumni, Mr. William E. “Ping” Betts, Jr., who received a B.S. degree from the College of Engineering in 1932, graduating first in his architectural engineering class; and

WHEREAS, Mr. Betts undertook further study in the field of structural engineering, receiving his M.S. degree in 1933 and becoming a registered architect in 1934, effectively demonstrating the value of a Virginia Tech education through a very successful and distinguished career spanning well over 60 years in the structural steel industry; and

WHEREAS, Mr. Betts co-founded the Montague-Betts Company in 1938, a structural steel fabricator of several major construction projects including New York’s World Trade Center, currently serving as company chairman, a position he has held since 1956; and

WHEREAS, he has demonstrated his superior knowledge and professional expertise in the structural steel industry, serving as a director on several professional boards including those of the American Institute of Steel Construction, Virginia-Carolinas Fabricators Association, National Association of Manufacturers, United States Business and Industrial Council, Central Virginia Industries, and United Virginia Bank/Crestar; and

WHEREAS, his service in the larger community serves as a model for Virginia Tech alumni and includes service as a director of the Lynchburg Area United Way, the Lynchburg Fine Arts Center, as well as board memberships with the Lynchburg Chamber of Commerce, the Lynchburg Area Development Corporation, and the Bedford County Public Service Authority; and

WHEREAS, Ping Betts has served in leadership roles at his alma mater, including directorships at the Virginia Tech Educational Foundation, the Virginia Tech Alumni Association and, the Lynchburg-Amherst-Nelson Regional Capital Campaign Committee; and

WHEREAS, he has been honored for his service to his profession and to his alma mater as reflected by his induction into the Academy of Engineering Excellence, and his receipt of the Virginia Tech Alumni Association Distinguished Service Award, The College of Engineering Distinguished Alumni Award, the Academy of Distinguished Alumni Award from the Charles E. Via, Jr. Department of Civil and Environmental Engineering; and

WHEREAS, he has led by example in providing generous philanthropic support to the university’s Alumni Association, Intercollegiate Athletics, and College of Engineering where he established the William E. Betts, Jr. Professorship in the Department of Civil Engineering, and has been recognized as a Senior Benefactor in the Ut Prosim Society;

NOW, THEREFORE, BE IT RESOLVED that, in recognition of Mr. Betts’s years of leadership and dedicated service to his alma mater and to his community, the Board of Visitors of Virginia Polytechnic Institute and State University confers upon William E. Betts, Jr. its highest award, the 2005 William H. Ruffner Medal.

RECOMMENDATION: That the resolution conferring the 2005 William H. Ruffner Medal to William E. Betts, Jr. be approved.

Resolution Honoring

William H. Goodwin, Jr.

2005 University Distinguished Achievement Award Recipient

WHEREAS, William H. Goodwin, Jr. graduated from Virginia Tech in 1962 with a B.S. in Mechanical Engineering and from the Darden School of the University of Virginia where he earned his M.B.A. in 1966; and

WHEREAS, Mr. Goodwin has emerged as one of the nation's premier business leaders, beginning with IBM, followed by AMF Bowling, and most recently with his company, CCA Industries, Inc., a holding company that includes Pompanette, Inc., Bag Boy Company, The Jefferson Hotel, Kiawah Island Resort and West Creek Business Park, each of which fosters economic development in their respective communities; and

WHEREAS, Bill has given his time and leadership to countless non-profit organizations whose boards have benefited by his expertise including the University of Virginia Board of Visitors, the Steward School Foundation, the Darden School Foundation, the Virginia Commonwealth University Engineering Foundation, the Science Museum of Virginia, and the Virginia Tech College of Engineering Committee of 100; and

WHEREAS, Bill and his wife, Alice, have sought to improve the human condition through their support for human health research, by their creation of the Commonwealth Foundation for Cancer Research, and through their generous philanthropic support of many non-profit organizations in ways that exemplify the university's motto of *Ut Prosim*, "That I May Serve;" and

WHEREAS, the Goodwins' support for Virginia Tech has helped the university create outstanding facilities and programs for students and faculty including Torgersen Hall, The River Course, and scholarships and professorships for the Corps of Cadets and the College of Engineering; and

NOW, THEREFORE, BE IT RESOLVED that, with great pride and in recognition of his professional accomplishments, his civic leadership, his commitment to make the world a better place in ways that bring honor to his parents, his wife and family, and to his alma mater, the Board of Visitors of Virginia Polytechnic Institute and State University confers the University Distinguished Achievement Award for 2005 to William H. Goodwin, Jr.

RECOMMENDATION: That the resolution conferring the 2005 University Distinguished Achievement Award to William H. Goodwin, Jr. be approved.

Resolution Naming

The Ferguson Enterprises Interview Reception Area

in the Career Services Building of Virginia Polytechnic Institute and State University

WHEREAS, Ferguson Enterprises, Inc., the largest plumbing supply wholesaler in the United States, has been an active and loyal corporate supporter of Virginia Tech programs for many years; and

WHEREAS, the company has demonstrated its generous philanthropic philosophy, supporting the university with program funding for the Ferguson Enterprises Endowed Scholarship, the Ralph Medinger Lenz Professorship in Business, the Fine Dining Program, the Pamplin College of Business, the College of Science and Intercollegiate Athletics; and

WHEREAS, Ferguson Enterprises encourages individual philanthropy by its employees by sustaining its corporate matching gift program; and

WHEREAS, the company has demonstrated its belief in the importance of higher education and its confidence in Virginia Tech students through its partnership with the university's Office of Career Services; and

WHEREAS, the corporation has been an active and consistent participant in the university's recruitment programs, career fairs and other career service related endeavors, creating significant employment opportunities for students and alumni; and

WHEREAS, Ferguson Enterprises has charitably pledged funds to support the mission of the Office of Career Services at Virginia Tech;

NOW, THEREFORE BE IT RESOLVED that, in appreciation to Ferguson Enterprises for their extraordinary generosity and vision, the atrium housed in the Career Services Building will be named

The Ferguson Enterprises Interview Reception Area

RECOMMENDATION:

That the above resolution naming the Ferguson Enterprises Interview Reception Area be approved.

**RESOLUTION FOR EMERITUS STATUS
November 8, 2004**

WHEREAS, Dr. Jimmy T. Arnold faithfully served Virginia Tech with distinction for 35 years in the College of Science, beginning in 1969; and

WHEREAS, as a member of the faculty in the Department of Mathematics, he was a respected and popular teacher of a wide range of undergraduate and graduate mathematics courses; was extensively involved as academic advisor for both undergraduate and graduate students, and summer orientation advisor for the Department of Mathematics; served as co-coordinator for Math 1205; and was instrumental in introducing the use of computer technology into the calculus sequence; and

WHEREAS, Dr. Arnold was the author of 29 refereed research articles in commutative algebra, was recipient of an NSF research grant, served on numerous dissertation and thesis committees, and has done extensive professional refereeing and reviewing; and

WHEREAS, he was extensively involved in service to the department and university, having served on over 30 different departmental committees including the Tenure and Promotion Committee, the Graduate Program Committee, and the Undergraduate Program Committee; he served as chairman of several committees, including the Graduate Program Committee, the Undergraduate Program Committee, and numerous other ad hoc committees; and he served on many college and university committees; and

WHEREAS, he was co-author of four editions of widely-adopted undergraduate textbook in linear algebra; was awarded six Certificates of Teaching Excellence; was recipient of the University Alumni Teaching Award; and is a member of the University Academy of Teaching Excellence;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Jimmy T. Arnold for his service to the university with the title of Professor Emeritus of Mathematics.

RECOMMENDATION:

That the above resolution recommending Dr. Jimmy T. Arnold for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
November 8, 2004**

WHEREAS, Dr. Gregory J. Buhyoff faithfully served Virginia Tech for 30 years in the College of Natural Resources, beginning in 1975; and

WHEREAS, as a member of the faculty in the Department of Forestry, he was a dedicated teacher of a wide range of courses from freshman to advanced graduate level; and

WHEREAS, he advised and counseled numerous undergraduate and graduate students during his career in the Department of Forestry, serving as the graduate advisor for 25 master's and five doctoral students; and

WHEREAS, he made important contributions to the research areas of computer applications and quantification and modeling of visual quality of forests that forms the basis of methods used today by a host of government agencies and private industries; and he was a pioneer in using artificial intelligence technology in management of natural resources; and

WHEREAS, he authored over 100 scientific articles, one book, and five book chapters; and

WHEREAS, he served in a number of scientific and professional societies, including serving as editor of two journals and editorial board member of five other scientific journals;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Gregory J. Buhyoff for his service to the university with the title of Julian N. Cheatham Professor Emeritus of Forestry.

RECOMMENDATION:

That the above resolution recommending Dr. Gregory J. Buhyoff for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
November 8, 2004**

WHEREAS, Mr. Lenwood D. McCoy joined the staff of Virginia Polytechnic Institute and State University immediately after high school graduation and rose through the ranks at the university beginning as clerk-typist before moving into various bookkeeper and accountant positions; and

WHEREAS, his commitment to professional development was evidenced in his own career as he completed his associate of science and bachelor of science degrees in Business Administration and was an attribute he carried forward as he worked with his staff; and

WHEREAS, Lenwood served with dedication, distinction, and integrity as director of student accounts, director of financial reporting, assistant to the vice president for finance and director of financial reporting, associate controller, university controller, director of internal audit, and associate vice president for strategic initiatives; and

WHEREAS, Lenwood served as associate controller and was a key leader in the implementation of the university's first automated accounting system in 1988, which brought the university into compliance with generally accepted accounting principles, put into place numerous improved business practices, that resulted in the university receiving an unqualified opinion for its auditors on the university's financial statements; and

WHEREAS, he developed extensive knowledge into federal regulations regarding research activities, and he was the key member of the university's development, negotiation, and improvement of the University's indirect cost rates and activities, which has resulted in the receipt of significant levels of additional funding for the university during the 1980s and 1990s; and

WHEREAS, he served as university controller during the period in which the University moved from a mainframe environment to an integrated systems environment and provided excellent leadership ensuring that implementation of the university's financial and accounting systems were handled smoothly; and

WHEREAS, he willingly served as director of internal audit at a time when the department was moving through a reorganization, and through his leadership and support of professional development encouraged several staff to obtain their certificate and begin graduate degrees; and

WHEREAS, at the request of the university's executive management, Lenwood became Virginia Tech's first associate vice president for strategic initiatives and helped to advance many of the university's special initiatives by providing sound business planning and analysis, including the Disaster Risk Management Institute, the Via College of Osteopathic Medicine, and the Virginia Tech/Wake Forest School of Biomedical Engineering and Science; and

WHEREAS, in every facet of his work, Lenwood has continually exemplified the spirit of our motto, *Ut Prosim* (That I May Serve);

NOW, THEREFORE, BE IT RESOLVED that the Board of Visitors recognize Lenwood McCoy's forty-three years of unwavering and gracious service to the university with the title of University Controller and Associate Vice President Emeritus for Strategic Initiatives.

RECOMMENDATION:

That the above resolution recommending Lenwood McCoy for emeritus status be approved.

**Resolution for Emeritus Status
November 8, 2004**

WHEREAS, Dr. Hara P. Misra faithfully served Virginia Tech for 19 years in the Virginia-Maryland Regional College of Veterinary Medicine, beginning in 1985; and

WHEREAS, as a member of the faculty in the Department of Biomedical Sciences and Pathobiology, he was well known as a teacher of undergraduate, graduate, and D.V.M. professional students; and

WHEREAS, he served as major advisor to 10 M.S. and 8 Ph.D. students, and was a member of 22 other graduate advisory committees; and

WHEREAS, he was director of the University Center for Toxicology from 1989 – 1995 and head of the Department of Biomedical Sciences from 1987 – 1992; and

WHEREAS, he served the department, college, and university by membership on numerous commissions and committees at all levels of governance; and

WHEREAS, he was principal investigator on over \$2 million in grants from extramural federal funding agencies; and

WHEREAS, he served on a number of national and international panels and committees related to his field of expertise in toxicology, bringing visibility and recognition to the university; and

WHEREAS, he authored or coauthored well over 120 chapters and articles in peer-reviewed scientific publications, and almost 200 presentations or seminars at national or international scientific meetings and other venues;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Hara P. Misra for his service to the university with the title of Professor Emeritus of Biomedical Sciences and Pathobiology.

RECOMMENDATION:

That the above resolution recommending Dr. Hara P. Misra for emeritus status be approved.

**Resolution for Emeritus Status
November 8, 2004**

WHEREAS, Dr. Hugo P. Veit has faithfully served Virginia Tech for 27 years in the Virginia-Maryland Regional College of Veterinary Medicine beginning in 1977; and

WHEREAS, as a member of the faculty in the Department of Biomedical Sciences and Pathobiology, he was well known as a teacher of undergraduate, graduate, and D.V.M. professional students; and

WHEREAS, he was Pathology Section Chief from 1978 - 1982 and Acting Head of the Division of Pathobiology and Public Practice from 1979-1980; and

WHEREAS, he served the department, college, and university on numerous commissions and committees at all levels of governance, including 37 graduate advisory committees; and

WHEREAS, Dr. Veit was principal investigator or co-principal investigator on more than 37 research projects totaling nearly \$500,000 from extramural agencies; and

WHEREAS, he authored or co-authored over 65 chapters and articles in peer-reviewed scientific publications, more than 20 papers in outreach and other non-refereed publications, and more than 25 presentations or seminars at national or international scientific meetings and other venues; and

WHEREAS, he served on a number of national and international panels and committees related to his field of expertise in toxicology, bringing visibility and recognition to the university; and he continues to conduct research with colleagues at Virginia Tech and contributing to diagnostic service when needed;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Hugo P. Veit for his service to the university with the title of Associate Professor Emeritus of Biomedical Sciences and Pathobiology.

RECOMMENDATION:

That the above resolution recommending Dr. Hugo P. Veit for emeritus status be approved.

**ENDOWED PROFESSORSHIP
The Charles T. Holland Professorship**

The Charles T. Holland Professorship of Mining and Minerals Engineering was created in 1976 in honor of the former head of the department who served from 1948 until 1961. Dr. Hassan Aref, dean of the College of Engineering, has nominated Dr. Thomas Novak to this endowed position, concurring with the recommendations of the Department of Mining and Minerals Engineering Honorifics Committee and the College of Engineering's Honorifics Committee.

Dr. Novak came to Virginia Tech in 2001 as the head of the Department of Mining and Minerals Engineering. Formerly, he held the position of department head of Civil and Environmental Engineering at the University of Alabama where he was also the holder of the Drummond Endowed Chair of Civil and Environmental Engineering.

Dr. Novak is internationally known as one of the leading experts in the area of electrical applications in the mining industry. His publications are extensive and provide significant contributions to the creation of new knowledge in this field. In particular, he is noted for his research related to grounding systems, longwall face equipment, and mine ventilation. Most recently, he received a 2002 Outstanding Paper Award from the IEEE Transactions on Industry Applications. He has received numerous paper awards from the Mining Industry Committee of the Institute of Electrical and Electronics Engineers - Industry Applications Society (IEEE-IAS).

In teaching, Dr. Novak has developed several short courses for continuing education for professional engineers, and he has organized a number of conferences or sessions. Among them, he chaired the following: the 1999, 2000, and 2001 Alabama Mining Institutes; the 1993-95 continuing education short courses for professional engineers conducted by the University of Alabama; the 1987 IEEE-IAS Mining Industry Technical Conference; the Second Conference on the Use of Computers in the Coal Industry, 1985; and the Health and Safety Aspects of Longwall Mining meeting in 1983.

At the University of Alabama where Dr. Novak spent 18 years, he received a number of teaching awards.

RECOMMENDATION:

That Dr. Thomas Novak be appointed to the Charles T. Holland Professorship of Mining and Minerals Engineering, effective November 25, 2004 for a period of five years with the salary supplement as provided by the endowment and the eminent scholar match if available.

ENDOWED PROFESSORSHIP
Jean Ellen Shehan Professor and Director Equine Medical Center

The Jean Ellen Shehan Professor and Directorship was established in 1966 through a gift to the Virginia Tech Foundation from Mrs. Jean Ellen Shehan of South Miami, Florida. Mrs. Shehan is a lifelong horsewoman of international stature. She is the niece of Mrs. Marion duPont Scott, whose generosity made possible the construction of the Equine Medical Center. Mrs. Shehan has been a longtime friend and supporter of the Equine Medical Center, serving as the chair of its advisory council for several years.

Dean Gerhardt Schurig and the executive board of the Virginia Maryland Regional College of Veterinary Medicine have named Dr. Nathaniel A. White II as the Jean Ellen Shehan Professor and Director, Marion duPont Scott Equine Medical Center.

Dr. White is currently the Randolph Professor of Equine Surgery and Director at the Equine Medical Center, Virginia, Maryland College of Veterinary Medicine. He was educated at Cornell University, obtaining a BS and then DVM at that institution. He completed an internship and surgery residency at University of California, Davis and then went on to study veterinary pathology at Kansas State University, completing an MS degree. Dr. White held faculty positions at Kansas State University and the University of Georgia before joining the Equine Medical Center as Professor and Assistant Director for Clinical Services in 1985.

Dr. White has had a distinguished career as clinical teacher and researcher for over 30 years. He has published over 140 scientific articles, 35 book chapters, edited 4 books, and lectured around the world in his specialty area, equine gastrointestinal surgery. He has served as president of the American College of Veterinary Surgeons and the ACVS Research and Education Foundation. He serves on the editorial boards of the Journal of Equine Science, the Compendium for Continuing Education, and the Equine Veterinary Journal.

The Equine Medical Center enjoys an international reputation as one of the leading university-associated equine teaching and referral hospitals. It hosts visiting students and scholars from around the world, and provides vital support to the important horse industry in Northern Virginia. Dr. White has been instrumental in gaining this reputation for the Center.

RECOMMENDATION:

That Dr. Nathaniel A. White II, DVM MS Diplomate ACVS, be appointed the Jean Ellen Shehan Professor and Director, Marion duPont Scott Equine Medical Center, effective August 10, 2004.

CHANGE OF DUTY STATION

The Department of Animal and Poultry Sciences has entered into an agreement with the U.S. Sheep Experiment Station operated by the USDA Agricultural Research Service (ARS) to provide oversight to research involving range sheep production in Dubois, Idaho. Difficulties in identifying and retaining qualified scientists to lead research efforts at the isolated station led the ARS to approach Virginia Tech with alternative strategies. Virginia Tech is one of the few institutions in the U.S. with an active and comprehensive program in quantitative genetics and animal breeding with an emphasis on sheep.

The agreement calls for Dr. David Notter to spend 13 weeks per year at the sheep station, initially identified as the months of August and October, and five additional weeks scattered throughout the year. Dr. Notter would develop, design, and execute experiments in quantitative genetics and sheep breeding at the station in collaboration with ARS scientists. The agreement provides 25% of Dr. Notter's salary and fringe benefits. The agreement is year-by-year and may be extended. Dr. Notter's current appointment is 80% research. His teaching duties are concentrated in spring term and can be maintained with this schedule of visits.

The collaborative agreement with ARS presents a number of important advantages for the department and college, especially access to research data, animals, and other resources for graduate student training. The involvement with ARS, coupled with existing involvement with the U.S. National Sheep Improvement Program, will solidify Virginia Tech as the leading institution in sheep breeding and genetics in the U.S. The salary buy-out funds will be used to support laboratory personnel in Blacksburg to maintain programs here and to support graduate student training in sheep breeding and genetics.

RECOMMENDATION:

That the change of duty station for Dr. David Notter be approved for the life of the agreement with ARS.

DESCRIPTION OF FACULTY PERSONNEL CHANGES

(Prepared by Personnel Services)

I. FACULTY PERSONNEL & SALARY CHANGES

This section includes new appointments and changes in appointments for the general faculty, including faculty in the colleges and in the library, and for administrative and professional faculty in all areas under educational & general funding.

A. New Appointments

This section includes documentation of all new faculty appointments for the positions noted above. Some appointments, for example visiting faculty, may be “restricted” with a fixed-term appointment. If a senior-level appointment (Associate or Full Professor) is to be made with tenure, it is so noted.

B. Adjustments in Appointment and/or Salary

This section includes a listing and brief explanation of all off-cycle salary adjustments, conversion of positions from classified to faculty status, changes in the percent of employment (example: 50% to 75%), etc.

II. SPONSORED RESEARCH FACULTY

Section II documents appointments and changes to faculty positions funded by sponsored grants and contracts. These positions are usually “restricted” with a fixed-term appointment. Occasionally, appointments may be designated as regular (non-restricted) and will be noted as such.

A. New Appointments

This section includes appointments such as Visiting Assistant Professor, Professional Lecturer, or Instructor, as well as any of the various “Special Research-Ranked Faculty” titles, such as Research Associate, Postdoctoral Associate, or Research Scientist. Faculty appointed to these positions are funded from sponsored grants and contracts on one-year or multi-year appointments, which may be renewed depending on availability of funding, need for services, and performance.

B. Adjustments in Appointment and/or Salary

This section contains annual merit adjustments for faculty not included in the special research-ranked positions, changes in rank, special adjustments made for equity, funding availability, or changes in job responsibilities, and similar changes. Also included are adjustments in the percentage of employment and reappointments.

FACULTY PERSONNEL CHANGES

November 7 - 8, 2004

TEACHING AND RESEARCH FACULTY

NEW APPOINTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Architecture and Urban Studies</u>					
Brothers, David	Visiting Asst Professor - Rstr	School of Architecture & Design	10-Aug-04	100	\$ 48,000
Reichard, Georg	Assistant Professor	Building Construction	25-Dec-04	100	\$ 62,000
<u>Business</u>					
Herr, Paul	Visiting Professor - Rstr	Marketing	10-Aug-04	100	\$ 68,750
<u>Engineering</u>					
Asryan, Levon	Associate Professor	Material Science & Engineering	10-Aug-04	100	\$ 82,500
Burgoyne, Christine	Instructor	Material Science & Engineering	10-Aug-04	100	\$ 28,000
Dollar, Stephen	Instructor - Rstr	Engineering Education	10-Aug-04	100	\$ 50,000
El Towsissy, Mohamed	Visiting Assoc Professor - Rstr	Alexandria Research Institute	10-Aug-04	100	\$ 80,000
Logan, Kathryn	Professor	Material Science & Engineering	10-Aug-04	100	\$ 162,000
Lu, Peizhen	Assistant Professor	Material Science & Engineering	10-Aug-04	100	\$ 71,500
McCue, Leigh	Assistant Professor	Aerospace & Ocean Engineering	25-Dec-04	100	\$ 66,000
McPherson, David	Instructor - Rstr	Computer Science	10-Aug-04	100	\$ 42,000
Wang, Yu	Assistant Professor	Material Science & Engineering	10-Aug-04	100	\$ 67,500
<u>Executive Vice President</u>					
Barrett, Christopher	Professor w/Tenure	VA Bioinformatics Institute	10-Sep-04	100	\$ 175,000
<u>Liberal Arts & Human Sciences</u>					
Combiths, Zana	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
Corrigan, Leigh	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
De Lorraine, Katherine	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
Dimmick, Michael	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
Dolbin-MacNab, Megan	Assistant Professor	Human Development	10-Aug-04	100	\$ 49,500
Fallon, Kathleen	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
Frost, Serena	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
Giglio, James	Instructor - Rstr	Communication Studies	10-Aug-04	100	\$ 29,000
Kinsella, Tanya	Visiting Asst Professor - Rstr	Foreign Languages & Literatures	10-Aug-04	100	\$ 33,000
Mayes, April	Visiting Asst Professor - Rstr	Sociology	10-Aug-04	100	\$ 38,000
Oakey, Steve	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000
Ren, Michele	Instructor - Rstr	English	10-Aug-04	100	\$ 28,000

Continued

TEACHING AND RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Liberal Arts & Human Sciences</u>					
Sheinberg, Esti	Visiting Assoc Professor - Rstr	Music	10-Aug-04	100	\$ 45,000
Wood, Donald	Instructor - Rstr	Communication Studies	10-Aug-04	50	\$ 17,000
Zobel, Melody	Assistant Professor	Theatre Arts	10-Aug-04	100	\$ 45,000
<u>Natural Resources</u>					
Grunert, Maren	Assistant Professor	Wood Sci & Forest Products	1-Aug-04	100	\$ 61,500
Han, Jong-Koo	Assistant Professor	Wood Sci & Forest Products	1-Sep-04	100	\$ 68,000
<u>Science</u>					
Berg, Michael	Instructor - Rstr	Chemistry	10-Aug-04	100	\$ 40,000
Jordan, Steven	Visiting Asst Professor - Rstr	Economics	10-Aug-04	100	\$ 60,000
Mazilu, Dan	Instructor - Rstr	Physics	10-Jan-05	100	\$ 40,000
Tholl, Dorothea	Assistant Professor	Biology	1-Apr-05	100	\$ 57,000
Wi, Sungsool	Visiting Asst Professor - Rstr	Chemistry	1-Oct-04	100	\$ 54,000

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Schultz, Peter	Professor/Interim Director	Hampton Roads AREC	1-Sep-04	100	\$ 100,697
Sutphin, Cathy	Assistant Professor	Agricultural & Extension Education	25-Jul-04	100	\$ 58,000
<u>Architecture and Urban Studies</u>					
Albright, Kathryn	Associate Professor/Chair, Foundation Program	School of Architecture & Design	10-Aug-04	100	\$ 67,040
Burch-Brown, Carol	Professor/Chair, Studio Prog	Art & Art History	10-Aug-04	100	\$ 75,415
Capone, Truman	Assoc Professor/Dept Head	Art & Art History	10-Aug-04	100	\$ 72,949
Dunay, Robert	Professor/Chair, Industrial Design	School of Architecture & Design	10-Aug-04	100	\$ 90,765
Fields, Robert	Professor/Chair, Graphic Design	Art & Art History	10-Aug-04	100	\$ 64,425
Holt, Jaan	Professor/Dir, Alexandria Arch Cntr	School of Architecture & Design	10-Aug-04	100	\$ 98,539
Knoblauch, Ann-Marie	Assistant Professor/Chair, Art History	Art & Art History	10-Aug-04	100	\$ 48,725
Niewald, Janet	Instructor	Art & Art History	10-Aug-04	100	\$ 35,000
Nugent, Elizabeth	Instructor - Rstr, Director VDS4	Art & Art History	10-Aug-04	100	\$ 36,845
Pittman, Vance	Associate Professor/Chair, Prof Program	School of Architecture & Design	10-Aug-04	100	\$ 62,430
Rosenthal, Joy	Instructor - Rstr	Art & Art History	10-Aug-04	100	\$ 34,000
Schneider, Mark	Assistant Professor	School of Architecture & Design	10-Aug-04	100	\$ 52,500
Thompson, Steven	Associate Professor/Chair, Graduate Program	School of Architecture & Design	10-Aug-04	100	\$ 63,025
Van Hook, Leila	Professor	Art & Art History	10-Aug-04	100	\$ 65,720
Weiner, Frank	Associate Professor	School of Architecture & Design	10-Aug-04	100	\$ 66,481
<u>Business</u>					
Cliff, Michael	Assistant Professor	Finance	10-Aug-04	100	\$ 128,000
Khan, Mahmood	Professor	Hospitality & Tourism Mgt	10-Aug-04	100	\$ 114,780
Mihalik, Brian	Professor	Hospitality & Tourism Mgt	10-Aug-04	100	\$ 96,690
<u>Engineering</u>					
Alley, Michael	Associate Professor	Engineering Education	10-Aug-04	100	\$ 52,000
Casali, John	Professor	Industrial & Systems Engineering	10-Aug-04	100	\$ 126,818
			10-Aug-04	100	\$ 169,049
Claus, Richard	Professor	Electrical & Computer Engineering	10-Aug-04	100	\$ 147,636
De La Reelopez, Jamie	Associate Professor	Electrical & Computer Engineering	10-Aug-04	100	\$ 93,483
Dowling, Norman	Professor	Engineering Science & Mechanics	10-Aug-04	100	\$ 106,853
Duma, Stefan	Associate Professor	Mechanical Engineering	10-Aug-04	100	\$ 104,640
Goff, Richard	Associate Professor	Engineering Education	10-Aug-04	100	\$ 86,640

Continued

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Engineering</u>					
Harmon, Lawrence	Associate Professor	Engineering - Northern VA Cntr	10-Aug-04	100	\$ 90,000
Love, Nancy	Associate Professor	Civil & Environmental Engineering	10-Aug-04	100	\$ 82,100
Ng, Wing	Professor	Mechanical Engineering	10-Aug-04	100	\$ 124,285
O'Brien, Walter	Professor	Mechanical Engineering	10-Aug-04	100	\$ 144,262
			10-Aug-04	100	\$ 192,302
Paretti, Marie	Assistant Professor	Engineering Education	10-Aug-04	100	\$ 52,000
Pickrell, Gary	Assistant Professor	Material Science & Engineering	10-Aug-04	100	\$ 73,000
Telionis, Demetri	Professor	Engineering Science & Mechanics	10-Aug-04	100	\$ 155,961
<u>Liberal Arts & Human Sciences</u>					
Allen, Barbara	Associate Professor	Science & Technology in Society	10-Aug-04	100	\$ 69,172
Barrow, Mark	Associate Professor/Assoc Chair	History	10-Aug-04	100	\$ 58,365
Bugh, Glenn	Associate Professor	History	10-Aug-04	100	\$ 61,932
Colbert, Joy	Visiting Asst Professor - Rstr	Innovative Programs	1-Oct-04	100	\$ 100,742
Davis, William	Professor - Rstr	History	10-Aug-04	100	\$ 40,900
Ekstrom, Ireta	Assistant Professor - Rstr	Teaching & Learning	10-Aug-04	100	\$ 44,000
Falcon, Andrea	Visiting Asst Professor - Rstr	Philosophy	10-Aug-04	100	\$ 40,000
Goodrum, Matthew	Visiting Asst Professor - Rstr	Dept Interdisciplinary Studies	10-Aug-04	100	\$ 45,000
Goodwin, William	Visiting Asst Professor - Rstr	Philosophy	10-Aug-04	100	\$ 40,000
Graham, Kathryn	Instructor	English	10-Aug-04	75	\$ 31,795
Griffith, David	Instructor - Rstr	Dept Interdisciplinary Studies	10-Aug-04	100	\$ 28,000
Harrison, Anthony	Assistant Professor	Sociology	10-Aug-04	100	\$ 48,000
Hatfield, Leonard	Associate Professor	English	10-Aug-04	100	\$ 56,878
Hickerson, Corey	Instructor	Communication Studies	10-Aug-04	100	\$ 37,300
Huebner, Angela	Assistant Professor	Human Development	10-Aug-04	100	\$ 56,708
King, Stephen	Assistant Professor - Rstr	Teaching & Learning	10-Aug-04	75	\$ 33,750
Mayo, Deborah	Professor	Philosophy	10-Aug-04	100	\$ 100,000
Miline, Kathryn	Instructor	Nursery School	10-Aug-04	100	\$ 38,000
Nelson, Scott	Assistant Professor	Political Science	10-Aug-04	100	\$ 48,000
Perini, Laura	Assistant Professor	Philosophy	25-Aug-04	100	\$ 32,145
Precoda, Karl	Instructor - Rstr	Dept Interdisciplinary Studies	10-Aug-04	50	\$ 14,465
Price, William	Associate Professor	Teaching & Learning	10-Aug-04	100	\$ 60,707
Roberto, Karen	Professor	Center for Gerontology	10-Aug-04	100	\$ 94,887
Roberts, Constance	Visiting Asst Professor	Dept Interdisciplinary Studies	10-Aug-04	75	\$ 27,940

Continued

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Liberal Arts & Human Sciences</u>					
Thorp, Daniel	Associate Professor/Chair	History	10-Aug-04	100	\$ 77,740
Weathers, Edward	Instructor	English	10-Aug-04	100	\$ 33,000
Weinstein, Alan	Assistant Professor - Rstr	Music	10-Aug-04	100	\$ 50,000
Wemhoener, Jane	Instructor	English	10-Aug-04	100	\$ 28,000
Wilson, Melvin	Associate Professor	Teaching & Learning	10-Aug-04	100	\$ 64,517
<u>Natural Resources</u>					
Frazier, Charles	Associate Professor	Wood Science & Forest Products	10-Aug-04	100	\$ 92,915
Johnson, James	Professor	Forestry	6-Aug-04	100	\$ 124,915
			6-Oct-04	100	\$ 113,559
<u>Science</u>					
Finney, Jack	Professor/Chair	Psychology	10-Aug-04	100	\$ 99,000
Hanson, Brian	Professor/Assoc Chair	Chemistry	10-Aug-04	100	\$ 100,167
<u>Science</u>					
Merola, Joseph	Professor/Chair	Chemistry	10-Aug-04	100	\$ 155,000
Popham, David	Associate Professor	Biology	10-Aug-04	100	\$ 83,312
Rimstidt, James	Professor/Co-Chair	Geosciences	10-Aug-04	100	\$ 106,000
Taylor, Larry	Professor	Chemistry	10-Aug-04	100	\$ 113,318
Viers, Jimmy	Associate Professor	Chemistry	10-Aug-04	100	\$ 83,045
Yang, Zhaomin	Assistant Professor	Biology	10-Aug-04	100	\$ 75,315
<u>Veterinary Medicine</u>					
Currin, John	Clinical Associate Professor	Large Animal Clinical Sciences	25-Aug-04	100	\$ 80,000
<u>Vice Provost for Outreach</u>					
Farmer, Scott	Lecturer/Interim Assoc Dir Outreach Programs	Public Services Programs - Educational Conferences	10-Aug-04	100	\$ 50,220

ADMINISTRATIVE AND PROFESSIONAL***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Barber, Crystal	Assoc Extension Agent	VA Cooperative Extension	10-Aug-04	100	\$ 43,000
Blackwell, Beth	Assoc Extension Agent	VA Cooperative Extension	10-Aug-04	100	\$ 31,000
Ellyson, Vivienne	Assoc Extension Agent	VA Cooperative Extension	25-Aug-04	100	\$ 35,000
Holmes, Viola	Assoc Extension Agent - Rstr	VA Cooperative Extension	10-Oct-04	100	\$ 46,000
Potter, Bobbie	Advising & Recruiting Relations Coordinator	Agriculture & Life Sciences	11-Oct-04	100	\$ 45,000
Tyler, Crystal	Assoc Extension Agent	VA Cooperative Extension	25-Sep-04	100	\$ 45,000
Wu-Rorrer, Billy Ray	Assoc Extension Agent	VA Cooperative Extension	10-Oct-04	100	\$ 41,200
<u>Athletics</u>					
Borendame, James	Asst Men's Tennis Coach	Athletics	25-Jul-04	80	\$ 20,000
Brands, Thomas	Head Wrestling Coach	Athletics	1-Aug-04	100	\$ 60,000
Hill, Rickey	Head Spirit Coach	Athletics	25-Jul-04	80	\$ 20,000
Holloway, Braden	Asst Men's & Women's Swim Coach	Athletics	2-Aug-04	100	\$ 26,000
McNeill, Genevieve	Second Asst Swim Coach	Athletics	16-Aug-04	80	\$ 20,000
Reeves, Jon	Asst Women's Tennis Coach	Athletics	23-Aug-04	80	\$ 23,660
Schwab, Doug	Second Asst Wrestling Coach	Athletics	2-Aug-04	80	\$ 23,660
<u>Engineering</u>					
Stroh, Linda	Director of Alumni Relations	Dean - Engineering	1-Sep-04	100	\$ 75,000
<u>President</u>					
Ault, Jennifer	Program Coordinator - Rstr	Sr Fellow for Resource Develop/Cntr for Regional Strategies	25-Jul-04	100	\$ 35,000
<u>Provost</u>					
Dufour, Monique	Coordinator, Univ Writing Prgm - Rstr	Cntr for Excellence in Undergraduate Teaching	10-Aug-04	100	\$ 58,000
Garretson, April	Assistant Director	University Honors	9-Aug-04	100	\$ 33,500
Shrader, Russell	Assistant Director	University Honors	9-Aug-04	100	\$ 33,500
Siudzinski, Meghan	Program Coordinator - Rstr	Cntr for Excellence in Undergraduate Teaching	10-Aug-04	100	\$ 35,000

Continued

ADMINISTRATIVE AND PROFESSIONAL**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Vice President for Alumni Relations</u>					
King, John	Assistant Director	Alumni Relations	16-Aug-04	100	\$ 38,000
<u>Vice President for Development & University Relations</u>					
Cooper, Tracy	Asst Director of Development	University Development	1-Sep-04	100	\$ 50,000
Glover, Field	Regional Director for Major Gifts	University Development	20-Sep-04	100	\$ 68,000
Hutchinson, Victor	Assoc Dir of Development VA/MD Regional Coll of Vet Med	University Development	18-Oct-04	100	\$ 57,000
<u>Vice President for Outreach</u>					
Gittens, Brian	Assoc Dir, Outreach Prog Svcs	Outreach Program Development	4-Oct-04	100	\$ 55,000
<u>Vice President for Student Affairs</u>					
Amin, Takiyah	Multicultural Prgms Coord - Rstr	Student Life Office	16-Aug-04	100	\$ 32,000
Beck, Matthew	Staff Physician	Schiffert Health Center	15-Nov-04	100	\$ 73,500
Bedenbaugh, Laura	Student Activities Asst Director - Student Programming	University Unions & Student Activities	1-Nov-04	100	\$ 39,500
Filbert, Timothy	Asst Dir of Student Activities for Leadership Development	University Unions & Student Activities	13-Sep-04	100	\$ 39,500
Neely, Julie	Staff Physician	Schiffert Health Center	10-Aug-04	100	\$ 73,500
Snyder, James	Deputy Commandant of Cadets	Military Affairs	2-Sep-04	100	\$ 47,000
Wallington, Evelyn	Associate Director of Residence Life	Student Programs	10-Sep-04	100	\$ 52,000
<u>Vice Provost for Outreach</u>					
Childers, Jeri	Director	Outreach Program Development	25-Oct-04	100	\$ 100,000
Ehrlich, David	Outreach Fellow, Fine Arts - Rstr	Outreach Administration	10-Oct-04	100	\$ 52,000
Provo, John	Sr Economic Development Specialist - Rstr	Office of Economic Development	1-Oct-04	100	\$ 48,500
Stadler-Thompson, Kathleen	Asst Program Dir for Education Abroad	Office of International Research, Education & Development	20-Sep-04	100	\$ 45,000

ADMINISTRATIVE AND PROFESSIONAL***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Calhoun, David	Interim Assoc Dir of Family Community Svcs & Food, Health, & Nutrition	CALS Extension	10-Aug-04	100	\$ 91,500
Childress, Mary	Career & Alumni Relations Coordinator	CALS Resident Instruction	10-Aug-04	100	\$ 36,953
Davis, Mark	Assoc Extension Agent	VA Cooperative Extension	25-Aug-04	100	\$ 36,283
Kleiber, Stephen	Director of Finance	CALS Administration	10-Aug-04	100	\$ 79,000
Padgett, Geneva	Assoc Extension Agent	VA Cooperative Extension	25-Jul-04	100	\$ 32,200
Patterson, Katherine	Assoc Extension Agent	VA Cooperative Extension	25-Jul-04	100	\$ 33,600
Riddell, James	Asst Director of ANR Prgms	CALS Extension	10-Aug-04	100	\$ 85,000
Wells, Donna	Extension Agent/Interim District Director	VA Cooperative Extension	1-Sep-04	100	\$ 60,788
<u>Athletics</u>					
Borendame, James	Assistant Men's Tennis Coach	Athletics	23-Aug-04	80	\$ 23,660
Brauns, Alfred	Assistant Softball Coach	Athletics	23-Aug-04	80	\$ 23,660
Fahey, Erin	Assistant Women's Soccer Coach	Athletics	23-Aug-04	80	\$ 23,660
Hill, Rickey	Head Spirit Coach	Athletics	23-Aug-04	80	\$ 23,660
McNeill, Genevieve	Assistant Swim Coach	Athletics	23-Aug-04	80	\$ 23,660
Sexton, John	Assistant Men's Soccer Coach	Athletics	23-Aug-04	80	\$ 23,660
Staedt, Lisa	Assistant Lacrosse Coach	Athletics	23-Aug-04	100	\$ 25,770
Thompson, James	Head Men's Tennis Coach	Athletics	1-Oct-04	100	\$ 48,571
Tice, Julie	Assistant Lacrosse Coach	Athletics	23-Aug-04	80	\$ 23,660
Wischmeier, Lindsay	Assistant Volleyball Coach	Athletics	23-Aug-04	80	\$ 23,660
<u>Engineering</u>					
Hey, Bryan	Director of Web Services	Engineering	1-Oct-04	100	\$ 45,000

Continued

ADMINISTRATIVE AND PROFESSIONAL**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>President</u>					
Greenberg, Catherine	Exec Dir for Cntr for Regional Strategies/Chartered Univ Research Coordinator - Rstr	Sr Fellow for Resource Develop and the Cntr for Regional Strategies	25-Jul-04	100	\$ 80,000
Mease, Stuart	External Relations Coordinator for the Chartered University Initiative and the Cntr for Regional Strategies - Rstr	Sr Fellow for Resource Develop and the Cntr for Regional Strategies	25-Jul-04	100	\$ 50,000
<u>Provost</u>					
Ford, David	Vice Provost for Academic Affairs	Provost Office	10-Jul-04	100	\$ 160,105
Simpson, Miya	CAEE Assoc Dir & Dir of McNair Scholars Program	Cntr for Academic Enrichment & Excellence	1-Aug-04	100	\$ 50,000
<u>Vice President for Alumni Relations</u>					
Hall, John	Assoc Dir of Alumni Relations	Alumni Relations	1-Sep-04	100	\$ 49,800
<u>Vice President for Business Affairs</u>					
Wilkes, Lisa	Manager of Leadership Devel & Administrative Services	Personnel Services	10-Aug-04	100	\$ 78,000
	Interim Chief of Staff	Executive Vice President	16-Aug-04	100	\$ 85,000
<u>Vice President for Development & University Relations</u>					
Palmer, Daniel	Director of Development University Libraries	University Development	5-Oct-04	100	\$ 50,158
<u>Vice President for Student Affairs</u>					
Herrmann, Pamela	Assistant Director	Career Services	25-Aug-04	100	\$ 42,000
Jones, Rosa	Interim Asst Dir - Cultural Prgms - Rstr	Univ Union & Student Activities	16-Aug-04	100	\$ 39,500
Klein, Rita	Assistant Director	Cook Counseling Center	10-Aug-04	100	\$ 51,472

Continued

ADMINISTRATIVE AND PROFESSIONAL**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Vice President for Student Affairs</u>					
Leist, Leigh	Assistant Director	Career Services	25-Aug-04	100	\$ 42,000
McPherson, Amy	Associate Director	Career Services	25-Aug-04	100	\$ 45,822
Spencer, Edward	Associate VP for Student Affairs	Student Programs	25-Aug-04	100	\$ 108,211
Vann, Melinda	Acting Dir of Univ Unions	Univ Union & Student Activities	25-Aug-04	100	\$ 53,500
Warren, Brian	Assistant VP for Student Affairs	Schiffert Health Center	25-Aug-04	100	\$ 109,927
White, Bevley	Assistant Director	Career Services	25-Aug-04	100	\$ 37,370
Wise, Christopher	Associate Director	Recreational Sports	10-Aug-04	100	\$ 47,715
<u>Vice Provost for Outreach</u>					
Nelson, Edward	Dir for Outreach Program	Educational Conferences	25-Jul-04	100	\$ 68,646
Schroder, Elizabeth	Asst Dir for Prgm Development	CE Prog Development	10-Aug-04	100	\$ 46,100

SPECIAL RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Amanna, Karen	Research Associate - Rstr	Biochemistry	10-Sep-04	50	\$ 21,500
Armstrong, Korede	Research Associate - Rstr	Animal & Poultry Sciences	10-Aug-04	100	\$ 21,000
Coleman, Mary	Project Associate - Rstr	Food Science & Technology	12-Aug-04	100	\$ 34,000
Coq, Alexandra	Research Associate - Rstr	Animal & Poultry Sciences	10-Aug-04	100	\$ 21,000
Downing, Christopher	Research Associate - Rstr	Animal & Poultry Sciences	10-Sep-04	100	\$ 21,000
Green, Lynette	Research Associate - Rstr	Animal & Poultry Sciences	10-Aug-04	100	\$ 21,000
Heard, Kimberly	Research Associate - Rstr	Animal & Poultry Sciences	10-Sep-04	100	\$ 21,000
Lim, Chang-Su	Research Scientist - Rstr	Biochemistry	16-Aug-04	100	\$ 52,000
Meadows, Bridget	Research Associate - Rstr	Food Science & Technology	10-Sep-04	100	\$ 30,000
Pattison, Jeremy	Sr Research Associate - Rstr	Southern Piedmont AREC	1-Nov-04	100	\$ 59,000
Schilling, Joseph	Research Asst Professor - Rstr	Metropolitan Institute	20-Aug-04	100	\$ 60,000
Tcheslavskaja, Ksenia	Postdoctoral Associate - Rstr	Entomology	25-Sep-04	100	\$ 30,000
<u>Architecture & Urban Studies</u>					
Dunkenberger, Mary	Project Associate - Rstr	Institute for Policy Outreach	25-Sep-04	75	\$ 36,000
<u>Engineering</u>					
Cao, Yong	Postdoctoral Associate - Rstr	Aerospace & Ocean Engineering	25-Aug-04	100	\$ 31,000
Hasanyan, Davresh	Research Associate - Rstr	Engineering Science & Mechanics	25-Sep-04	100	\$ 32,700
Lancaster, Jeff	Research Asst Professor - Rstr	Industrial & Systems Engineering	20-Sep-04	100	\$ 87,300
Park, Soojae	Postdoctoral Associate - Rstr	Engineering Science & Mechanics	1-Sep-04	100	\$ 40,000
Pechar, Todd	Postdoctoral Associate - Rstr	Chemical Engineering	1-Aug-04	100	\$ 40,000
Qin, Zhanming	Postdoctoral Associate - Rstr	Engineering Science & Mechanics	25-Sep-04	100	\$ 26,500
Sajdak, John	Postdoctoral Associate - Rstr	Aerospace & Ocean Engineering	10-Aug-04	100	\$ 30,000
<u>Executive Vice President</u>					
Cammer, Stephen	Sr Research Associate - Rstr	VA Bioinformatics Institute	23-Aug-04	100	\$ 75,000
Chen, Xianfeng	Sr Research Associate - Rstr	VA Bioinformatics Institute	8-Nov-04	100	\$ 87,000
Dharmanolla, Chitti	Research Associate - Rstr	VA Bioinformatics Institute	18-Oct-04	100	\$ 52,000
Faulkner, Susan	Sr Project Associate - Rstr	VA Bioinformatics Institute	15-Aug-04	100	\$ 87,500
Horton, Joseph	Research Associate - Rstr	VA Bioinformatics Institute	20-Sep-04	100	\$ 56,500
Kampanya, Nithiwat	Research Associate - Rstr	VA Bioinformatics Institute	11-Aug-04	100	\$ 50,000
Shukla, Maulik	Research Associate - Rstr	VA Bioinformatics Institute	29-Sep-04	100	\$ 52,000
Tolstikov, Vladimir	Postdoctoral Associate - Rstr	VA Bioinformatics Institute	9-Aug-04	100	\$ 50,000

Continued

SPECIAL RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Liberal Arts & Human Sciences</u>					
Bradburn, Isabel	Research Scientist - Rstr	Human Development	10-Aug-04	100	\$ 50,000
Staley, Thomas	Sr Research Associate - Rstr	Science & Technology in Society	10-Aug-04	50	\$ 33,230
<u>Science</u>					
Bleibinhaus, Florian	Postdoctoral Associate - Rstr	Geosciences	25-Sep-04	100	\$ 35,000
Chang, Zheng	Research Scientist - Rstr	Physics	1-Oct-04	100	\$ 44,000
Ge, Zhongxin	Postdoctoral Associate - Rstr	Chemistry	3-Sep-04	100	\$ 30,000
Igarashi, Kazuo	Research Scientist - Rstr	Chemistry	1-Oct-04	100	\$ 50,000
Tulpar, Aysen	Postdoctoral Associate - Rstr	Chemistry	1-Oct-04	100	\$ 30,000
Weeks, George	Postdoctoral Associate - Rstr	Chemistry	25-Sep-04	100	\$ 30,000
Yu, Jianxin	Postdoctoral Associate - Rstr	Chemistry	29-Sep-04	100	\$ 30,000
Zhou, Changhe	Postdoctoral Associate - Rstr	Biology	15-Sep-04	100	\$ 35,000
<u>Veterinary Medicine</u>					
Wen, XiangShu	Postdoctoral Associate - Rstr	Biomedical Sciences	25-Oct-04	100	\$ 33,000
<u>Vice President for Research</u>					
Edwards, Christopher	Research Associate - Rstr	VA Tech Transportation Institute	15-Sep-04	100	\$ 50,000
Llaneras, Robert	Research Scientist - Rstr	VA Tech Transportation Institute	24-Sep-04	100	\$ 95,000
Viers, Brent	Research Scientist - Rstr	Macromolecules & Interfaces Institute	10-Sep-04	100	\$ 40,000
Zin, Than Than	Research Associate - Rstr	Human Computer Interaction	15-Oct-04	100	\$ 34,000

SPECIAL RESEARCH FACULTY***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Doak, Samuel	Research Associate - Rstr	Crop & Environmental Science	1-Jul-04	100	\$ 34,938
Hontecillas-Margarzo, Raquel	Postdoctoral Associate - Rstr	Human Nutrition, Food & Exercise	18-Aug-04	100	\$ 42,000
<u>Architecture & Urban Studies</u>					
Becerra, Raquel	Sr Project Associate/Assoc Dir Institute for Policy Outreach - Rstr	Institute for Policy Research	10-Aug-04	100	\$ 68,000
<u>Engineering</u>					
Dietrich, Carl	Research Asst Professor - Rstr	Dept Electrical & Computer Engineering	10-Aug-04	75	\$ 45,000
Hagerman, George	Sr Research Associate - Rstr	Alexandria Research Institute	10-Aug-04	100	\$ 58,000
Liao, Wenyan	Postdoctoral Associate - Rstr	Computer Science	1-Jul-04	100	\$ 29,000
<u>Executive Vice President</u>					
Carlier, Deborah	Project Associate - Rstr	VA Bioinformatics Institute	7-Oct-04	100	\$ 40,000
Vines, Richard	Research Associate - Rstr	VA Bioinformatics Institute	2-Aug-04	100	\$ 68,938
			31-Oct-04	100	\$ 65,938
<u>Liberal Arts & Human Sciences</u>					
Bickley, Patricia	Project Director - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 57,960
Craft, Tammy	Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 44,092
Daniel, Leslie	Sr Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 50,838
Eaton, Diann	Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 45,911
Flores, Senlina	Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 47,750
Giles, William	Research Associate - Rstr	Human Development	1-Jul-04	66	\$ 40,212
Gustafson, Glenna	Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 44,109
Kingma, Lora	Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 45,742
Rai, Gillian	Project Associate - Rstr	Educational Leadership & Policy Studies	1-Jul-04	100	\$ 42,146

Continued

SPECIAL RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Natural Resources</u>					
Sforza, Peter	Research Associate - Rstr	Geography	6-Aug-04	100	\$ 45,000
<u>Provost</u>					
Bandara, Aloka	Research Asst Professor - Rstr	Inst for Biomed & Public Health Res	1-Aug-04	100	\$ 53,000
Layne, Margaret	Project Director - Rstr	Provost Office, Advance VT	1-Sep-04	100	\$ 70,000
<u>Science</u>					
Kageya, Tsuneo	Research Scientist - Rstr	Physics	15-Aug-04	100	\$ 42,333
Wojcik, Edward	Research Asst Professor	Biology	10-Aug-04	100	\$ 54,000
<u>Veterinary Medicine</u>					
Baker, Stephanie	Research Associate - Rstr	VA Tech Transportation Institute	16-Aug-04	50	\$ 22,510
<u>Vice President for Research</u>					
Thompson, Christie	Research Associate - Rstr	Cntr for Wireless Telecommunication	25-Aug-04	100	\$ 70,914

RESEARCH AND DEVELOPMENT DISCLOSURE REPORT
July 1, 2004 - September 30, 2004

Reason for Conflict	Sponsor	Owner	Principal Investigator	Co - P.I.'s	College	Period of Performance	Award Amount	Short Title⁽¹⁾
Faculty-owned Business	Nanosonic, Inc.	R. Claus	D. Stilwell	No Co-PI	Engineering	Jul 04 - Dec 04	\$15,267	Magnetoelectric Sensors for Detection and Mapping Applications with UUVS
Faculty-owned Business	Nanosonic, Inc.	R. Claus	D. Inman	No. Co-PI	Engineering	Jun 04 - Feb 05	\$10,000	Self-Assembled Integrated Sensor/Actuator Networks (DARPA SBIR Phase I)
Faculty-owned Business	Nanosonic, Inc.	R. Claus	W. Spillman	No. Co-PI	Univ. Center	May 04 - Feb 05	\$5,000	Magnetic Field Sensors
Faculty-owned Business	Technology in Blacksburg, Inc.	W. Ng	M. Johnson	No. Co-PI	Engineering	Jul 04 - Jul 06	\$129,182	Vibration Isolation for imp Quieting
Faculty-owned Business	Technology in Blacksburg, Inc.	W. Ng	P. Vlachos	No. Co-PI	Engineering	Jul 04 - Jun 06	\$100,000	Inlet Guide Vanes Flow Control
Faculty-owned Business	Technology in Blacksburg, Inc.	W. Ng	P. Vlachos	No. Co-PI	Engineering	Jul 04 - Jul 06	\$96,617	Flow Control & Vibration Isolation for imp Quieting Flow Diagnostics Component

⁽¹⁾More detailed information on the subject of the project is available upon request.

2004-05 FACULTY SALARY ADJUSTMENTS**VIRGINIA TECH**

As detailed in the 2004-05 Faculty Compensation Plan approved by the Board of Visitors at the June 7, 2004 meeting, faculty salary adjustments are normally reviewed and approved by the Board of Visitors in two phases: adjustments for promotion are recommended at the spring meeting and adjustments based on performance are recommended at the fall meeting.

Consistent with the approved 2004-05 Faculty Compensation Plan, salary increases for merit and other special salary adjustments for continuing faculty are proposed. The General Assembly provided funding for an average increase of 3.0 percent in 2004-05 for instructional and administrative and professional faculty. As provided for in the 2004-05 Faculty Compensation Plan, the University increased the funding in the E&G program to four and one-half percent (4.5%) for senior management areas which was intended to support the annual merit process and progress towards the 60th percentile of benchmark peer institutions. This funding was supplemented by an additional one-half percent (0.5%) to support special salary actions and to enhance the merit pool. An additional 0.6 percent was set aside at the executive level for critical compensation issues. The University also responded to the colleges' requests for additional flexibility in managing Eminent Scholar professorship income revenue by allowing the Eminent Scholar supplement to be augmented by the professorship endowment payout if the endowment payout was sufficient. As a result, the average of the recommended raises equals 5.4 percent for teaching, research, and administrative and professional faculty. The recommended salary adjustments for merit and other special actions are listed in the attached report.

Benchmark Comparison for Instructional Faculty

The Council of Higher Education, at its June 9, 1997 meeting, approved a new group of institutions to become the benchmark group for salary purposes for each Virginia institution. Virginia Tech has 24 institutions in its current group. Annually, the University monitors the authorized faculty salary average, which reflects the salary average available to Virginia Tech based on funding appropriations provided by the Commonwealth. The University also computes each year its actual salary average, which is determined based on faculty in place at the end of each calendar year in accordance with rules issued by the Secretary of Education.

As reported at the June 7, 2004 meeting of the Board of Visitors, the authorized salary average for 2003-04 for Virginia Tech was \$74,396. This places Virginia Tech at the 25th percentile of its peer group for 2003-04. In comparison, as displayed on the attached schedule, Virginia Tech's actual average salary for 2003-04 ranked 20th out of 25 institutions which is equivalent to the 21st percentile in the benchmark group. In 2002-03 the actual salary average ranking was 21st out of 25 institutions and was equivalent to the 20th percentile in the benchmark group.

The state regulations reflect the understanding that the authorized and actual salary averages will not match exactly at any point, and the state allows a three percent gap between the authorized and actual averages. It is the institution's responsibility to monitor and adjust actual salary averages to stay within range of the authorized average. As of Fall 2003, the variance between the authorized and actual salary averages was \$1,125 or 1.54 percent. This gap has occurred because of the University's actions to, in some cases, recruit junior faculty at salary averages well below the authorized average to replace retiring senior faculty and, on occasion,

replace one senior faculty member with two junior faculty. The actions have been taken in the past to help support the departmental budgets and in recent years to provide the faculty needed to address teaching loads, especially at the undergraduate level, as enrollments have increased significantly without corresponding General Fund support. While the University actively works to manage and reduce the gap between the authorized and actual salary averages, some gap is likely to remain as long as the University's funding deficiency, as documented by the base budget adequacy model, exists. As a result of the additional increases provided to faculty over the funding level designated by the General Assembly, it is expected that the difference in the authorized salary average, currently at the 25th percentile, and the actual salary average, currently at the 21st percentile, will show a decrease in 2004-05.

Other Salary Adjustments

In addition to the faculty salary adjustments based on performance, it is necessary to adjust the salaries of specific faculty members at other times during the fiscal year. These adjustments are primarily for merit increases upon the hiring anniversary dates for restricted positions, for changes in duties and responsibilities, for special temporary assignments, and for faculty selected for a different position as part of a search. The President, Provost, and Executive Vice President have been authorized by the Board of Visitors to administer the faculty compensation plan during the year and act upon requests for salary adjustments. The salary changes established through this process are submitted for ratification to the Board of Visitors on a quarterly basis on the Faculty Personnel Changes Report.

RECOMMENDATION:

That the proposed merit and special salary adjustments for faculty in the 2004-2005 fiscal year be approved as presented in the following report.

BENCHMARK SALARY ANALYSIS

2003-04 Fiscal Year

<u>Institution</u>	Average Salary	<u>Rank</u>	Average Salary	<u>Year-to-Year Increase</u>	
	<u>Fall 2003</u>		<u>Fall 2002</u>	<u>\$s</u>	<u>%</u>
California, Univ of (Berkley)	\$101,900	1	\$98,600	\$3,300	3.3%
Cornell University (Endowed)	99,700	2	94,700	5,000	5.3%
Southern California, University of	87,800	3	84,200	3,600	4.3%
Rutgers University (New Brunswick)	87,400	4	84,800	2,600	3.1%
Michigan, Univ of (Ann Arbor)	86,500	5	83,900	2,600	3.1%
Illinois at Urbana, University of	85,100	6	81,400	3,700	4.5%
Maryland, College Park, University of	84,300	7	82,900	1,400	1.7%
Wisconsin, Univ of (Madison)	83,600	8	83,100	500	0.6%
Ohio State University	82,700	9	78,800	3,900	4.9%
Iowa, University of	81,100	10	80,000	1,100	1.4%
Michigan State University	79,100	11	77,500	1,600	2.1%
SUNY at Buffalo	79,000	12	77,700	1,300	1.7%
Purdue University	77,600	13	73,200	4,400	6.0%
Texas at Austin, University of	77,000	14	76,500	500	0.7%
Pittsburgh, University of (Main Campus)	76,800	15	74,700	2,100	2.8%
Arizona, University of	75,800	16	74,600	1,200	1.6%
Colorado, Univ of (Boulder)	75,100	17	74,400	700	0.9%
Colorado State University	74,500	18	74,600	-100	-0.1%
Pennsylvania State University	73,800	19	71,000	2,800	3.9%
Virginia Tech	73,271	20	70,574	2,697	3.8%
Texas A&M University, Main Campus	73,100	21	70,000	3,100	4.4%
North Carolina State University	71,600	22	72,100	-500	-0.7%
Iowa State University	70,900	23	69,500	1,400	2.0%
Missouri, Univ of (Columbia)	68,700	24	60,700	8,000	13.2%
Tennessee at Knoxville, University of	68,500	25	66,100	2,400	3.6%

**APPROVAL OF BONUSES FOR THE
BCA FOOTBALL CLASSIC**

The Virginia Tech Hokies began the 2004 football season in the BCA Football Classic, playing a pre-season opener against the University of Southern California Trojans on August 28 in Landover, Maryland. In this first meeting with Southern California, the Hokies were defeated by the co-national champions by a score of 24-13.

In accordance with the terms of the coaches' contracts regarding pre-season competition and the university's bonus policy for athletic events, the university proposes that the following bonuses be awarded. These bonuses are one-time awards and do not affect base salaries. All bonuses are funded from proceeds of the game. The President and the Executive Vice President and Chief Operating Officer have reviewed these bonuses and recommend them to the Board of Visitors for approval.

RECOMMENDATION: That bonuses for the BCA Football Classic be approved.

November 8, 2004

BCA Football Classic Bonus Recommendations

November 8, 2004

<u>Contractual Bonus:</u>	<u>Title</u>	<u>Bonus Amount</u>
Foster, Bud	Defensive Coordinator	\$ 5,000
Stinespring, Bryan	Offensive Coordinator	<u>5,000</u>
<i>Subtotal Contractual Bonuses:</i>		\$10,000
<u>Non-Contractual Bonus:</u>		
Ball, Tony	Assistant Coach	\$ 3,500
Ballein, John	Associate AD	3,500
Cavanaugh, Jim	Assistant Coach	3,500
Gentry, Mike	Strength and Conditioning Coach	3,500
Goforth, Mike	Head Trainer	3,500
Hite, Billy	Associate Head Coach	3,500
Karlin, Lester	Equipment Manager	3,500
Pearman, Danny	Assistant Coach	3,500
Rogers, Kevin	Assistant Coach	3,500
Ward, Lorenzo	Assistant Coach	3,500
Wiles, Charley	Assistant Coach	<u>3,500</u>
<i>Subtotal Non-Contractual Bonuses:</i>		\$38,500

TOTAL ALL BONUSES:

\$48,500

CLIFTON GARVIN FELLOWSHIP AWARD

The Clifton Garvin Fellowship Awards were established by the President with funds from an unrestricted gift made by Mr. Clifton C. Garvin, who subsequently indicated his support for this fellowship program. The program has been established to provide select faculty and staff with a one-time salary award in recognition of significant accomplishments or to help retain key employees. As a one-time award, the base salaries of the selected employees are not affected. The amount of the award is at the discretion of the Executive Vice President and Chief Operating Officer and the University Provost and Vice President for Academic Affairs.

In October, the university's Office of International Research, Education, and Development (OIRE) received the largest single-day award to any university by the U.S. Agency for International Development (USAID) Economic Growth, Agriculture, and Trade Program in the form of two grants totaling \$34 million over 5 years. The work will enhance food security while limiting negative impacts on natural resources through sustainable agricultural programs in developing countries.

Under the terms of the competitively awarded grants, Virginia Tech will be the lead university and the Management Entity (ME) for significant agricultural research and assistance programs designed to improve crop yields through ecologically sound practices for people in developing nations around the world. Of the \$34 million, \$5 million for each of the two projects will be garnered from the USAID missions around the world.

In recognition of this major achievement and international recognition for Virginia Tech, the university proposes that a Clifton Garvin Fellowship Award of \$10,000 be made to Dr. S.K. DeDatta, Director of the Office of International Research, Education and Development and the principal investigator on both projects. This salary award is a one-time award and does not affect his base salary.

RECOMMENDATION:

That the above fellowship award for Dr. S.K. DeDatta be approved.

November 8, 2004

Remarks made during the BOV Information Session
W. Samuel Easterling
President, Faculty Senate of Virginia Tech
7 November 2004

Thank you Mr. Rector. Good afternoon ladies and gentlemen.

I'd like to address three points in my remarks this afternoon: Campus Climate, the Charter University Initiative and the Faculty.

Campus Climate

In my comments at our August meeting, I spoke of the importance of *civility* and *bridge building* between members of the university community. In light of recent disturbing and unacceptable events that occurred on campus, I feel the need to reiterate this message. While our focus recently has been on the incidents directed at members of the African-American community, indeed there are other less publicized, but equally despicable, acts that occur on campus directed at other groups. We must remind ourselves that working to improve campus climate, in all aspects of university life, for all members of the university community is not a definitive task like completing a paper or a course, but rather it must be an on-going objective that is interwoven in to everything we do. We should take these recent negatives and turn them into positives. We should talk about the positive things being done to improve campus climate and how these can be expanded or enhance. We should use the incidents to help us focus on what we can do better so that those in our community and others outside our community realize that we are indeed committed to our core values. These values include *mutual respect* and *personal integrity*. I suggest to you that these and our other core values will not have the significance we desire if we are not committed to *civility*, defined here by a desire to have an inclusive and diverse campus environment. As a university community – the leadership, faculty, staff and students - must all re-commit ourselves to achieving this often stated objective. Certainly our future depends on it.

Charter University Initiative

I know you have probably heard as much as I on the Charter University Initiative. I suggest to you that the discussion needs to continue and be expanded. It is important for me, as well as my faculty colleagues, for students, for staff, for the administration and for this Board to be as familiar as we possibly can with the details of the initiative. I believe that the Charter, or at least the major points within the charter, is absolutely critical to the future of our University. This initiative will impact our ability to provide the high quality education to our students that they expect and deserve, it will enable us to retain and improve the world class faculty that we have, and it will provide an enhanced working environment for our talented and hard working classified staff.

I've read and heard detailed, serious questions and subsequent discussion that have raised concerns about various aspects of the Charter initiative. I think such discussions are healthy and lead to a better understanding of the issues. I'm convinced from the presentations and discussions that I've heard and been a part of that we need to stay the course and do everything we can do to educate ourselves about the details

of the initiative and to support those on the front lines that are seeking its passage. Again, I say, I think our future depends on it.

Faculty

Members of the faculty continue to work hard and achieve notable successes outside those that occur everyday in the classroom. Recent items in the news point to some of these:

A \$2 million award from NSF to the College of Engineering, that Associate Dean Beville Watford will oversee, to develop strategies to turn around the national decline in the number of engineering graduates

A three-day humanities symposium, "Music, Myths & Mountains," held recently, that featured performers and scholars from all over the world.

A "rebuilt" System X terascale computer achieving 12.25 teraflops, an almost 2 teraflop increase from the previous benchmark of 10.28 – truly remarkable.

These accomplishments, and many, many others, are developed, supported, led or created by Virginia Tech faculty, most often working with our students and staff, and are great examples of the capabilities of the Virginia Tech faculty. But they do not and will not happen in a vacuum.

Proper support, the ability to work with high caliber students, the availability of state-of-the-art facilities - are all critical to such successes. I told you in August, and want to repeat it again now, that I believe the key to our future, given where we are today and where we want to go, is to grow the faculty both in stature and in number. Certainly we have to be very targeted in the areas that we invest new resources. I'm confident that this targeting will include attention both to the funded research and education mission as well as the unfunded research and education mission. We are a strong faculty today, but I believe we can always be better. The bottom line – support the faculty, we'll be successful at the things we do best, thus enabling the University as a whole to achieve the stature envisioned by the plans that President Steger and Provost McNamee have laid out and that this Board has endorsed.

Thank you Mr. Rector.

Constituency Report

Marcus Ly Graduate Student Representative to the Board of Visitors

Board of Visitors Meeting
November 07, 2004

Introduction

Thank you, Mr. President. Mr. Rector, Members of the Board, and Guests. It is a pleasure to be here and a privilege to be able to share good news. This term was a remarkable one for graduate students. During my first constituency report, I noted that the three key issues for graduate students are: graduate community, funding, and health care. Well, we made progress on all three points. The university administration committed to turning Donaldson Brown into a graduate student life center, the Provost's office committed to providing 49 new graduate assistantships, and the university will increase the health insurance subsidy for those on assistantships. These accomplishments speak highly of all involved. Graduate students have done a fantastic job of communicating their concerns and members of the administration are responsive.

I would like acknowledge and thank Myrna Callison, Christian Rieser, and Pankaj Gupta for their past and present efforts. Under their leadership as the graduate representative to the board of visitors and the president of the graduate student assembly, many more people know the importance of graduate issues such as community, funding, and health care. Their efforts coupled with the efforts of other student leaders, GSA delegates, and students who expressed their concerns over the years have all contributed to positive progress.

I would also like to take a moment to warmly thank President Steger, Provost McNamee, Dean DePauw, and the other administrative officials involved in increasing the health insurance subsidy and making the graduate student life center a reality. Graduate students appreciate your efforts and are grateful to have administrative officials who listen intently to our needs, propose actions, and follow through. Thank you, thank you, thank you.

Activities

On my end, this term continues to challenge me. I organized two luncheons with President Steger and graduate students. This provided a forum for students to express their concerns directly to members of the upper administration. Provost McNamee, Dean DePauw, Vice-President Krause, and Vice-President Shelton also participated. A total of about 40 graduate students eagerly took the opportunity to talk about issues such as graduate recruiting, challenges with multidisciplinary work, and issues related to being a non-traditional graduate student. Dean DePauw responded to each of the issues raised during the first luncheon in her monthly "Dialog with the Dean". The results are posted

up on my website. I am continually working to find more ways to facilitate communication between students, members of the administration, and this board.

My top priority is to find ways to solicit feedback from graduate students and to articulate these issues to appropriate parties. Over the past few months, there were many opportunities for me to meet with graduate students. These include a GSA sponsored wine tasting attended by some 300 students, a graduate school reception for fellowship recipients, and a reception for female members of the university. I attend all general body meetings of the Graduate Student Assembly and communicate with the executive board regularly. I also continue to meet regularly with President Steger, Provost McNamee, and Dean DePauw. I presented my distillation of BOV activities to the GSA back in September. I also wrote an article for their newsletter which has wide circulation. My website is a well used resource, garnering 400 unique visitors in the month of September alone. Messages are reaching significant portions of the campus.

Conservatively, I estimate that I know 400 graduate students by face, and half of these students by name. This comes out to be about 10% of the on-campus graduate student population. This sampling provides a strong basis for representing their voices on this board.

Issues

Consistently, I hear graduate students express their desire to connect with other graduate students. The lack of a strong graduate community concerns many students. The graduate student life center will help significantly. However, there are still challenges in building the social and physical community and this needs to be an ongoing effort.

Dean DePauw conducted a study on graduate student housing at peer institutions. All of them have on-campus graduate housing. We currently only have a couple of floors in Main Campbell and Payne residence halls available to graduate students. These spaces do not adequately meet the demand for on-campus housing nor do they meet the needs of many graduate students. For example, a significant portion of graduate students are married. There is no available married housing on campus.

Graduate students have needs that are often different from those of undergraduate students. I asked Institutional research to generate some statistics for me. What I found was not surprising. Of all graduate students on the Blacksburg campus, the mean age is 28 years with a standard deviation of about 7. The mean age for those off campus is 34 with a standard deviation of about 10. What these descriptive statistics demonstrate is that there is large variation in ages among graduate students. Many students have children and many are non-traditional students. Clearly, the needs of these demographics differ from those who are single and a full decade younger in age. This is exemplified by the need for adequate and affordable child-care services that currently do not exist in Blacksburg.

Interestingly, graduate students show tremendous cultural diversity with 36% being of foreign nationality. It is important that Virginia Tech welcome and support people from all backgrounds regardless of what percentage they comprise of the campus community. The incident of the defacing of the NAACP office door is deeply disturbing. The future of Virginia Tech will be linked to how well prepared students are for living and working in increasingly diverse environments. We need to proactively address diversity issues and consistently communicate these efforts, so that all members of our university community can feel safe and secure. This incident is an opportunity for us to rebuild trust among members of minority populations, the university administration, and the Board.

Conclusion

Virginia Tech is a complex institution. Many issues require extensive time and energy to address. The unifying theme, in my mind, is the goal of becoming a top 30 research institution. Graduate students have a key role to play. They are a significant portion of the research engine. This past term, the administration sent a strong message that they will do what it takes to ensure that graduate students are successful. We celebrate the new graduate life center, new graduate assistantships, and the increased health insurance subsidy. However, there is still much more work to do and graduate students look forward to actively participating in ongoing efforts to improve Virginia Tech. Thank you.