

Virginia Tech Board of Visitors Meeting

November 11, 2002

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MINUTES

November 11, 2002

The Board of Visitors of Virginia Polytechnic Institute and State University met on Monday, November 11, 2002, at 1:00 p.m. in the Torgersen Hall Board Room at Blacksburg, Virginia.

Present**Absent**

Mr. Mitchell O. Carr	Mr. Bruce B. Smith
Mr. Ben J. Davenport, Jr.	
Mr. Donald R. Johnson	
Mr. William C. Latham	
Mr. John R. Lawson, II	
Mr. T. Rodman Layman	
Mr. Jacob A. Lutz, III	
Mr. A. Ronald Petera	
Mr. Thomas L. Robertson	
Mr. John G. Rocovich, Jr.	
Dr. Beverly Sgro	
Mr. Philip S. Thompson	
Mr. Joseph W. Wampler	
Mr. Brian Montgomery, Undergraduate Student Representative	
Mr. Christian Rieser, Graduate Student Representative	
Dr. Edd Sewell, President, Faculty Senate	

Also present were the following: Dr. Charles W. Steger, Dr. Mark McNamee, Mr. Minnis E. Ridenour, Dr. Raymond D. Smoot, Jr., Dr. Lanny Cross, Dr. Tom Tillar, Dr. Pat Hyer, Mr. Larry Hincker, Mr. Jerry Cain, Dr. Joe Merola, Mr. Dwight Shelton, Mr. Ralph Byers, Ms. Kim O'Rourke, Dr. Elizabeth Flanagan, Ms. Kay Heidbreder, Dr. Elaine Scott, Dr. Lisa Wilkes, Mr. Martin Daniel, Dr. Leonard Peters, Dr. Bruno Sobral, Dr. Clark Jones, Dr. Lay Nam Chang, Ms. Kathy Sanders, Ms. Sandy Smith, Ms. Teresa Wright, Ms. Terri Thompson, Dr. David Ford, Mr. Jeb Stewart, Dr. Ed Spencer, Ms. Laurie Coble, Ms. Anne Moore, Ms. Jean Elliott, Mr. Paul Lancaster, Mr. Ron Daniel, Ms. Sherry Box, faculty, staff, students, and reporters.

The meeting was called to order by the Rector, Mr. Rocovich, at 1:00 p.m.

Mr. Rocovich moved that the minutes of the August 26, 2002, meeting be approved as distributed. The motion was seconded by Mr. Latham. The minutes were approved unanimously.

REPORT ON THE SPECIAL COMMITTEE ON RESEARCH

Mr. Rocovich called on Dr. Sgro for a report on the Special Committee on Research. (Copy attached for the permanent files and marked Attachment A.)

ANNUAL REPORT OF THE VIRGINIA BIOINFORMATICS POLICY ADVISORY BOARD

Mr. Rocovich called on Mr. Lutz for an Annual Report of the Virginia Bioinformatics Policy Advisory Board. (Copy attached for the permanent files and marked Attachment B.)

REPORT OF THE ACADEMIC AFFAIRS COMMITTEE

Mr. Rocovich called on Dr. Sgro for a report of the Academic Affairs Committee. (Copy attached for the permanent files and marked Attachment C.)

(Note: Mr. Johnson was absent for the committee meeting but arrived in time for the full Board meeting. Dr. Sgro chaired the Academic Affairs Committee meeting in his absence.)

As part of the Academic Affairs Committee report, and with the endorsement of the Student Affairs Committee, the following resolution was tabled until a later meeting at which time further information about the commission can be presented.

Resolution for Approval to Amend the University Council Constitution to Incorporate a Commission on Equal Opportunity and Diversity

The resolution was tabled.

As part of the Academic Affairs Committee report, the following resolution was moved by Dr. Sgro, seconded by Mr. Johnson, and was approved unanimously.

Resolution for M.S. and PH.D. in Biomedical Engineering

That the resolution be approved. (Copy filed with the permanent minutes and marked Attachment D.)

As part of the Academic Affairs Committee report, the following resolution was moved by Dr. Sgro, seconded by Mr. Johnson, and was approved unanimously.

**Resolution for Additional Compensation for Credit
Executive/Professional Programs**

That the modification to the policy on faculty compensation for credit continuing education courses be approved. (Copy filed with the permanent minutes and marked Attachment E.)

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As part of the Academic Affairs Committee report, the following resolution was moved by Dr. Sgro, seconded by Mr. Johnson, and was approved unanimously.

Resolution for Approval of Exemplary Department Awards

Resolution Honoring Department of Biology

Resolution Honoring Department of Animal and Poultry Sciences

**Resolution Honoring Department of Mining and Minerals
Engineering**

That the resolutions recognizing the Department of Biology, Department of Animal and Poultry Sciences, and the Department of Mining and Minerals Engineering be approved. (Copies filed with the permanent minutes and marked Attachment F.)

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As part of the Academic Affairs Committee report, the following resolution was moved by Dr. Sgro, seconded by Mr. Johnson, and was approved unanimously.

Resolution for Approval of Name Change of the College of Human Resources and Education

That the resolution recommending that the College of Human Resources & Education be renamed the College of Human Sciences & Education be approved. (Copy filed with the permanent minutes and marked Attachment G.)

REPORT OF THE BUILDINGS AND GROUNDS COMMITTEE

Mr. Rocovich called on Mr. Latham for a report of the Buildings and Grounds Committee. (Copy attached for permanent files and marked Attachment H.)

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

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

That the resolution authorizing the Vice President for Administration and Treasurer to execute the necessary documents to sell the timber and that the timber proceeds be expended on-site at the Southern Piedmont Agricultural Research and Extension Center be approved. (Copy attached for permanent files and marked Attachment I.)

REPORT OF THE FINANCE AND AUDIT COMMITTEE

Mr. Rocovich called on Mr. Lutz for the report of the Finance and Audit Committee (Copy attached for permanent files and marked Attachment J.)

Mr. Lutz publicly shared appreciation for the work of Mr. James Gregory, Auditor of Public Accounts District Manager, who has served as Virginia Tech's auditor for the past 18 years. He also shared his appreciation for the work of all individuals in the area of finance and audit.

Mr. Lutz noted in regard to the Office of Scholarships and Financial Aid audit that the Auditor of Public Accounts will return to audit this function next year in an effort to assure compliance.

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

**Resolution on the University's Budget Reduction Plans
for 2002-03 and 2003-04**

That the Board of Visitors approve the University's Budget Reduction Plans for 2002-04. (Copy filed with the permanent minutes and marked Attachment K.)

Mr. Ridenour gave an overview of the resolution and budget handouts. In response to a question, Mr. Ridenour explained that the \$5.125 million set aside as a salary retention pool will be released through a formal approval process involving the President and Provost. These actions will be brought to the Board in the form of a quarterly report.

A question was raised in regard to realigning Agency 229 Teaching Faculty. It was noted that the \$1,324 million does not appear in attachment 2. Mr. Ridenour explained that the money is being set aside now, and the Deans of the different colleges that have 229 resources have been asked to compile a list of faculty with teaching responsibilities in order to realign salaries where necessary.

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

Spring 2003 Tuition Recommendations

That the proposed increases in the tuition rates be approved, effective Spring Semester 2003. (Copy filed with the permanent minutes and marked Attachment L.)

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

University's Revised 2002-03 Operating Budget

That the proposed use of tuition, reductions, and auxiliary reserves be approved to address reinvestment in University programs and General Fund reductions. (Copy filed with the permanent minutes and marked Attachment M.)

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 Year-to-Date Financial Performance Report
(July 1, 2002 – September 30, 2002)**

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, 2002 through September 30, 2002 and the Capital Outlay report be accepted. (Copy filed with the permanent minutes and marked Attachment N.)

As part of the Finance and Audit Committee report, and with the endorsement of the Academic Affairs Committee, the following recommendations were moved by Mr. Lutz, seconded by Mr. Thompson, and were approved unanimously. (Copies filed with the permanent minutes and marked Attachment O.)

**Pratt Fund Activities Statement
for the Fiscal Year Ended June 30, 2002
Engineering**

That the 2001-02 Pratt Funds Activities Statement for the College of Engineering be approved.

**Pratt Funds Activities Statement
for the Year Ended June 30, 2002
Animal Nutrition**

That the 2001-02 Pratt Funds Activities Statement for Animal Nutrition be approved.

A question was raised in regard to a loan made to Engineering. Dr. Smoot responded that this loan is in the process of being paid off.

REPORT OF THE STUDENT AFFAIRS COMMITTEE

Mr. Rocovich called on Mr. Petera for a report of the Student Affairs Committee. (Copy attached for permanent files and marked Attachment P.)

Like the Academic Affairs Committee, the Student Affairs Committee was given a presentation regarding the **Resolution for Approval to Amend the University Council Constitution to Incorporate a Commission on Equal Opportunity and Diversity**. However, the resolution was tabled by the full Board until a later meeting at which time further information about the proposed commission can be presented.

PRESIDENT'S REPORT ITEMS FOR BOARD APPROVAL AND INFORMATION

Mr. Rocovich called on President Steger for his report.

President Steger called attention to the **photos of former Rectors** that are displayed in the Torgersen Hall Board Room. He asked for assistance in locating missing photos.

President Steger learned just hours ago from the Virginia Bioinformatics Institute (VBI) that Virginia Tech was awarded a \$1.2 million research grant in mathematical biology, an emerging field in VBI. This is an example of investments made several years ago in repositioning the research program beginning to generate results. This shows the benefit from the relationship with our Johns Hopkins and may be the beginning of significant funding from National Institutes of Health (NIH).

President Steger presented for review the **Enrollment Report for First and Second Summer Sessions, and Fall Semester 1993-2002**. (Copy attached for permanent files and marked Attachment Q.)

President Steger asked for the **Constituency Representatives' reports**. (Copy attached for permanent files and marked Attachment R.)

Motion to begin Closed Session

Mr. Johnson 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, 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. Lutz 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. Rocovich called the meeting to order and asked Mr. Johnson to make the motion to return to open session.

Mr. Johnson 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. Davenport and passed unanimously.

On recommendation of Mr. Rocovich, and after motion by Dr. Sgro and second by Mr. Johnson, unanimous approval was given to the resolutions for approval of **Emeritus Status** (17), as considered in Closed Session. (Copies attached for the permanent file and marked Attachment S.)

On recommendation of Mr. Rocovich, and after motion by Dr. Sgro and second by Mr. Johnson, unanimous approval was given to the resolution for approval of an **Endowed Chair** (1), as considered in Closed Session. (Copy attached for the permanent file and marked Attachment T.)

On recommendation of Mr. Rocovich, and after motion by Dr. Sgro and second by Mr. Johnson, unanimous approval was given to the resolutions for approval of **Study-Research Leave** (1) and **Educational Leave** (1), as considered in Closed Session. (Copies attached for the permanent file and marked Attachment U.)

On recommendation of Mr. Rocovich, and after motion by Dr. Sgro and second by Mr. Johnson, unanimous approval was given to the resolution for approval to **Change of Duty Stations** (3), as considered in Closed Session. (Copy attached for the permanent file and marked Attachment V.)

On recommendation of Mr. Rocovich, and after motion by Dr. Sgro and second by Mr. Johnson, unanimous approval was given to the resolution for **Naming of a Center** (1), as considered in Closed Session. (Copy attached for the permanent file and marked Attachment W.)

On recommendation of Mr. Rocovich, and after motion by Mr. Lutz and second by Mr. Thompson, approval was given to the **Research and Development Disclosure Report** as considered in Closed Session. (Mr. Johnson abstained from voting.) (Copy attached for the permanent file and marked Attachment X.)

On recommendation of Mr. Rocovich, and after motion by Mr. Lutz and second by Mr. Thompson, unanimous approval was given to the **Resolution for the Ratification of the Personnel Changes Report** as considered in Closed Session. (Copy attached for the permanent file and marked Attachment Y.)

On recommendation of Mr. Rocovich, and after motion by Mr. Lutz and second by Mr. Thompson, unanimous approval was given to the resolution regarding the **Bonuses for Hispanic College Fund Football Classic** as considered in Closed Session. (Copy attached for the permanent file and marked Attachment Z.)

**AUDIT COMMITTEE REPORT
ON FRAUD, WASTE, & ABUSE
CLOSED SESSION ITEM**

Heard **Audit Report** relative to personnel issues. **No Board Action Required.**

**LITIGATION REPORT
CLOSED SESSION ITEM**

Heard **Litigation Report**. **No Board Action Required.**

Dates for the next meeting are March 9-10, 2003.

(Note: A special meeting was called by the Rector and held December 15, 2002.)

Mr. Johnson moved that the meeting be adjourned. The meeting adjourned at 4:10 p.m.



Kim O'Rourke, Secretary



John G. Rocovich, Rector

Board of Visitors
Special Committee on Research
Minutes
10:00 a.m. – 2100 Torgersen Board Room
October 1, 2002

Present: Dr. Beverly Sgro, Chair, Mr. Donald R. Johnson, Mr. William C. Latham, Mr. Jacob A. Lutz, Mr. Ronald A. Petera, and Mr. John G. Rocovich, Jr.

Also Present: Dr. Charles Steger, Dr. Landrum Cross, Ms. Jean Elliott, Dr. Mark McNamee, Mr. Kevin Miller, Dr. Leonard Peters, Ms. Pam Pettry, Mr. Minnis Ridenour, and Dr. Raymond Smoot

Opening Comments: Dr. Beverly Sgro convened the meeting at 10:10 a.m.

Approval of April 17, 2002 Minutes: Dr. Sgro asked for approval of the minutes of April 17. Mr. Rocovich motioned approval and Mr. Lutz seconded. The minutes were approved unanimously.

Comments by President Steger: Dr. Steger announced he, Dr. McNamee, and Mr. Ridenour had met with faculty associations in all the colleges regarding the budget crisis. He stated the feedback has been very understanding and the faculty appear to have a strong sense of commitment to the university. Dr. Steger emphasized the need to go forward with our top 30 goal. He mentioned that due to what other universities are doing we need to redouble our efforts with investments and provide a structure conducive to receiving larger grants. Dr. Steger also noted the governor's education summit, which will target enhanced research activity in the state.

Draft Business Plan: Dr. Peters stated the business plan is a work in progress and will continue to evolve and be refined. He said we need to make wise and targeted investments in order to reach our goal of top 30. The overall goals of the plan are to: 1) achieve top 30 status by 2010; 2) align programs to facilitate achievement of the top 30; and 3) provide resources in targeted areas to facilitate excellence. Dr. Peters provided an investment strategy for new resources. He pointed to the importance of return on investment and the need to evaluate that return. Dr. Peters presented a process whereby faculty would apply for new funding and how the faculty's progress would be reviewed. He suggested an investment model of capping distributions of returned overhead at the current level and allocating extra overhead to investment. Dr. Peters provided two investment scenarios using returned overhead. After some discussion concerning departments' dependence on returned overhead, Drs. Peters and McNamee said communicating this to the faculty, departments, and colleges and obtaining their support will be crucial.

Alignment of New Initiatives: Dr. McNamee outlined the university's strategy for growth. He mentioned the areas of life sciences and critical technologies are being structured and aligned for growth. Dr. McNamee also mentioned a third group would be developed in the humanities and social sciences. He stated the university is already investing in ASPIRES, the Virginia Bioinformatics Institute, and the university centers. Dr. McNamee also addressed the issue of developing partnerships with other universities and organizations. He summarized his comments by stating: top 30 is a stretch goal, but achievable; characteristics of top 30 encompass more than research expenditures; this will require substantial commitment/investment which the university is making; partnerships are being aggressively sought; and our Oak Ridge National Laboratory connections are important – we need to take better advantage of such opportunities. Dr. Sgro asked about the timeline for implementation of the plan. Dr. Peters responded the next step will be to share it with the deans.

Concluding Comments: Dr. McNamee reported on the needs assessment initiative for the next capital campaign, outlining the process. Mr. Ridenour stated this business plan will require a cultural change in how we deal with indirect costs as well as putting into place an ongoing reporting mechanism. Dr. Steger noted the restructuring of the colleges has gone well and that by and large it has been embraced. Dr. Rocovich asked about the evaluation process for new initiatives. Dr. McNamee responded that he, Dr. Steger, and Mr. Ridenour will hold individuals accountable for their progress.

Adjournment: Dr. Sgro adjourned the meeting at 11:25 a.m.

**Virginia Bioinformatics Institute
Policy Advisory Board**

**Report to the Board of Visitors
November 11, 2002**

In accordance with the resolution establishing the Virginia Bioinformatics Policy Advisory Board, the chair of the policy board will provide an annual report to the Virginia Tech Board of Visitors. At the September VBI policy board meeting, the board reviewed the 2001-02 VBI annual report and is pleased to report that, in the two years of its establishment, VBI has experienced tremendous success.

The almost \$12 million of funding for the initial establishment of VBI came from the Tobacco Commission with the understanding that the state would provide ongoing base funding. This initial funding from the Tobacco Commission has provided operational support of \$3.2 million for FY 2001 and \$6.5 million for FY 2002. Given the state budget shortfall, VBI has experienced some challenges in securing base funding from the state. The University was able to work with the Tobacco Commission to obtain an additional \$1 million in support for FY 2003. For the current fiscal year, VBI's operating budget is \$6.5 million, of which \$4.5 million is funded by the Tobacco Commission (\$1 million in new funding and \$3.5 million carried forward from prior years). In addition to operating support, the Tobacco Commission has provided \$1.9 million for the purchase of advanced scientific equipment.

Over the last two years, VBI has experienced tremendous success and we would like to take this opportunity to share some of these benchmarks with you, as well as to note some of the items that will continue to be addressed in the coming year:

-In two short years, VBI has secured \$20 million in grant and contract awards. VBI has also received a commitment of university support for the Johns Hopkins University/VBI Initiative in biomedical research. Virginia Tech has committed support in the amount of \$1 million per year for five years, for a total of \$5 million to match a \$5 million commitment from Johns Hopkins University. This important research collaboration will pursue extramural funding for research in the areas of tuberculosis, malaria, HIV, and measles.

-VBI's research portfolio currently spans 28 projects, resulting in numerous collaborations within Virginia Tech, in the nation, and around the globe. Collaborations with VBI have resulted in \$5.7 million in funding for 11 departments within Virginia Tech. Through collaborations with VBI, external partners from industry, government, and other academic institutions (including UVA, VCU, and William and Mary) have garnered over \$12 million in research funding.

-Sixty-five percent of VBI's extramural funding comes from a combination of federal agencies, including the National Science Foundation, Department of Defense, Department of Agriculture, and the National Institutes of Health, and industry.

-VBI is currently located in Research Building XV in the Corporate Research Center. Phase I of VBI's new on-campus facility is under construction at the corner of Washington Street and Duckpond Drive and will be completed in October 2003. Phase II will be bid in November 2002 and will be completed in September 2004. The completed facility will house 218 personnel in a combined 77,891 net square feet of a state of the art research facility.

ISSUES FACING VBI

-The university will continue to focus efforts on securing ongoing funding from the Commonwealth to cover VBI's annual operating costs and allow it to develop in accordance with the plan, which calls for base funding of \$12.8 million and includes 121.5 positions.

-The university will continue development and federal relations efforts to secure federal and private support to purchase equipment and provide funds to attract new research faculty.

-VBI will continue to leverage Tobacco Commission and university support to grow its externally funded research base and to obtain additional funding for equipment and research program support for new faculty.

Minutes of the Academic Affairs Committee
November 11, 2002

Present: Beverly Sgro, Ben Davenport, Christian Rieser, and John Rocovich from the Board of Visitors; and Mark McNamee, David Ford, Patricia Hyer, Dixon Hanna, Joseph Merola, Ron Daniel, and Rene Armstrong from the Office of the Provost. Other guests included: Clark Jones, Len Peters, Elaine Scott, Kay Heidbreder, Diane Zahm, Ben Dixon, Mel Gillespie, Ellen Plummer, and Evelyn Leathers.

OPEN SESSION:

Minutes of the August 26, 2002 meeting of the Academic Affairs Committee were approved with no changes.

Ben Dixon presented the resolution establishing a new Commission on Equal Opportunity and Diversity. The new commission would replace two advisory bodies and provide important university-level attention to equity and diversity issues at Virginia Tech. The commission will assist in monitoring progress toward goals in the Diversity Strategic Plan and the University Strategic Plan, and give institutional visibility to these important issues. Board members expressed several concerns about the resolution including the lack of information about the size and membership of the new commission. A motion was made to table the resolution until a later meeting at which time further information about the commission can be presented. The motion was seconded and approved.

The draft introductory section of the newly revised Faculty Search and Screen Procedures was distributed to committee members and attendees, and an overview provided by Provost McNamee. The revised procedures clearly assign responsibility and accountability for the conduct and outcome of faculty searches to the deans and other senior administrators. The procedures are designed to help us recruit outstanding faculty members. They are open, fair, and inclusive, which should also help us become more attractive and competitive for faculty talent increasingly coming from diverse backgrounds. The document outlines the acceptable exemptions to the requirement for a full search including the possibility of making a Target of Opportunity for Excellence hire, with the approval of the Provost and President. The draft procedures are now out for comment to senior administrators and relevant faculty committees. Once these recommendations have been incorporated, the Provost will ask the Legal Counsel's Office for one final review and to seek any necessary external review and approval so that the Board can be reassured that the procedures are fully in accordance with federal and state laws.

Professor Elaine Scott gave an overview of the proposed M.S. and Ph.D. in biomedical engineering. The degree program will be offered, administered, and awarded jointly with Wake Forest University School of Medicine as part of the recently approved joint School of Biomedical Engineering and Sciences. The interdisciplinary degree program will draw on the faculty expertise in numerous departments in the College of Engineering and the College of Veterinary Medicine, as well as the clinical and medical faculty of Wake Forest University. Coursework will be offered through distance learning to students on both campuses. Approved coursework taken at either institution will count as resident credit at the home campus. Collaboration among faculty on both campuses will be encouraged through joint research projects and service on thesis committees. Board members expressed appreciation to Professor Scott for her effective leadership of the biomedical engineering initiative through the governance system and for the clear presentation of the degree program proposal. A motion was made and

seconded to approve the proposed M.S. and Ph.D. program in biomedical engineering. The motion was approved.

Patricia Hyer introduced a resolution to make minor changes in the policy authorizing additional compensation for faculty members engaged in teaching credit continuing education coursework. The modifications would allow such payments for coursework or programs designed for an executive or professional audience and for faculty members participating in such instruction regardless of their home base location and course delivery location. A motion was made and seconded to approve the policy modifications. The motion was approved.

Len Peters gave an overview of the university's 118 research centers and institutes. The centers vary in terms of their scope of activity and participation -- some are based in departments; others involve faculty across several departments within a college and are managed at the college level; and yet others are recognized as university-level centers since they involve participants from more than one college. Ninety of the centers focus on research and the remainder reflect either the outreach or instructional missions of the university. Centers are an important mechanism for faculty to focus knowledge and resources on important problems facing society and industry, and they help attract new faculty, students, and sponsored funding. Management of centers does present some challenges however. Fiscal and administrative policies were adopted in 1999 that apply to all centers, and a process for periodic review and reauthorization of university centers has been in place since 1991. In addition to a approved charter, college and university centers require a stakeholders committee that has responsibility for broad oversight of the center's fiscal and administrative affairs. Many centers have a natural lifetime affected by faculty interest and leadership, availability of support from sponsors, and maturation of the field itself. Several university-level centers have been de-authorized as part of the periodic review process when they no longer have significant financial activity and/or are not effectively accomplishing their mission. Centers will be an important tool in increasing the university's research stature and funding. The university is aligning a number of existing centers under two broad umbrellas, the life sciences and critical technologies, with the intent of raising their collective external visibility and effectiveness in attracting sponsored funding from targeted federal agencies and industry.

Ron Daniel introduced three resolutions honoring departments selected for excellence in maintaining high-quality advising both at the graduate and/or undergraduate levels. The departments of Biology, Animal and Poultry Sciences, and Mining and Minerals Engineering were selected as Exemplary Departments in 2002; two of these departments were also selected as exemplary departments in the previous advising-cycle competition five years ago. A motion was made and seconded to approve the three resolutions. The motion was approved.

Faculty in the College of Human Resources and Education have proposed a name change for the college that better reflects the changing nomenclature of their disciplines and removes the occasional confusion with administrative units responsible for personnel matters. The new name is the College of Human Sciences and Education. Given the severity of the most recent round of budget reductions, the Provost may revisit the previously planned restructuring efforts over the next few weeks. However, he recommended that the Board approve this resolution so that if the current college configurations are confirmed, Human Resources and Education can move ahead with the proposed name change as soon as feasible. A motion was made and seconded to approve the name change for the college. The motion was approved.

The Provost commented briefly on the reduction and restructuring strategies that he has recommended for consideration, for example, reduction in meeting obligations; reduction in the number of tracks, options, or even degree programs; and consolidation of departments. He reaffirmed that every effort is being made to protect the academic mission on the institution.

The committee was asked to review and approve the activities statement for the expenditure of Pratt funds for the College of Engineering and for Animal Nutrition programs. A motion was made and seconded to approve the Pratt expenditures report for the period ending June 30, 2002. This item was also considered by the Finance and Audit Committee.

CLOSED SESSION:

Ben Davenport moved that the committee convene in Executive Session. The motion was seconded and approved. Issues included approval of recommendations for conferral of emeritus status, appointment to endowed professorships, faculty leaves, requests for change of duty station, ratification of the research and development disclosure report and faculty personnel changes reports, and consideration of a faculty appointment. The recommendations were approved. The committee then formally closed and certified the Executive Session.

Upon motion duly made, seconded, and approved, the meeting of the Academic Affairs Committee was adjourned.

M.S. AND PH.D. IN BIOMEDICAL ENGINEERING

WHEREAS, the Board of Visitors recently approved the Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences (SBES) to form a joint research and educational program that will advance fundamental discoveries in medicine and biology, lead to improvements in health care technologies, facilitate new collaborations among engineering, veterinary science, and human medicine, and serve as a resource for biomedical engineering throughout the region; and

WHEREAS, a graduate degree option in Biomedical Engineering was established in 2000 at Virginia Tech to promote graduate research and education in biomedical engineering, and currently over 30 students are participating in the option; and

WHEREAS, a jointly administered and delivered biomedical engineering graduate degree program will build on strengths at Virginia Tech, which has an active group of more than 20 faculty members in its Center for Biomedical Engineering and strong research programs in other related areas throughout the university including polymer chemistry, biochemistry and molecular biology, the Center for Gerontology, and the Virginia Bioinformatics Institute; and very strong complementary faculty at the Wake Forest School of Medicine; and

WHEREAS, nationally, interest and enrollment in graduate programs in bioengineering enrollment have increased at a much greater rate over the last two decades than graduate enrollment in all engineering fields, and employment opportunities for biomedical engineers are expected to increase faster than the average for all occupations through 2010, as the aging population and the focus on health issues increases the demand for better medical devices and systems and the increased concern for cost efficiency and effectiveness; and

WHEREAS, the proposal (summarized in the attachment) outlines in detail the joint administration of the program, including: enrollment by students at either Virginia Tech or Wake Forest; courses offered by the other institution treated as resident credit; courses conducted via distance learning to assure access for students on both campuses; a required clinical rotation at either Wake Forest School of Medicine or at the College of Veterinary Medicine; a joint graduate committee responsible for admission recommendations consistent with policies of each campus, and joint administration and oversight of the program and larger activities of the School;

THEREFORE, be it resolved that the proposed M.S. and Ph.D. degree programs in Biomedical Engineering be approved and forwarded to the State Council for Higher Education in Virginia.

RECOMMENDATION:

That the above resolution be approved.

PROPOSAL SUMMARY

M.S. AND PH.D. IN BIOMEDICAL ENGINEERING

Background on Recent Developments in Biomedical Engineering:

Investment of Pratt Foundation funds provided a significant impetus to the development of biomedical engineering research and education efforts at Virginia Tech in the last few years. A Center for Biomedical Engineering was established to bring together faculty researchers in five departments; a graduate degree option was created in 2000, which already enrolls about 30 graduate students; and a new medical school partner was identified, Wake Forest University, joining Virginia Tech in the creation of a joint School of Biomedical Engineering and Sciences. The new school was formally approved by the Board of Visitors at the August 2002 meeting; state-level approvals are underway. The next step in this development is the establishment of joint graduate degrees in biomedical engineering with an anticipated implementation date of Fall 2003.

Academic Goals for Students in Biomedical Engineering Graduate Programs:

Overall Academic Goals: Students graduating from the M.S. and Ph.D. Biomedical Engineering (BME) programs will be expected to have gained knowledge and expertise in engineering, science, and medicine for the advancement of human and/or animal health through cross-disciplinary activities that integrate engineering sciences with biomedical sciences and clinical practice.

Expected Learning Outcomes: Upon completion of the program, it is expected that each student will

- Possess an integrated knowledge and expertise base in engineering, science, and medicine that can be used for the advancement of human health.
- Have obtained the analytical and experimental tools and skills necessary to address and solve problems related to biomedical engineering.
- Have a demonstrated ability to integrate engineering fundamentals and problem solving skills with an understanding of the life sciences to acquire new knowledge and understanding of living systems and/or develop new devices, algorithms, processes and systems that advance biology and medicine and improve medical practice and health care delivery.
- Be able to work and communicate effectively with colleagues from different academic fields individually and/or as a team.
- Be able to effectively disseminate their knowledge and their research findings.
- Have an understanding of the clinical limitations and constraints when addressing human and/or animal health issues (Ph.D. students).
- Have a demonstrated understanding of the issues related to medical ethics and responsibilities (Ph.D. students).

Program Requirements:

Admissions to the degree program: Admissions policies will generally follow those at each institution. The basic requirements include a B.S. degree in engineering from a recognized university; however, exceptional physical and life science students (particularly those with a strong background in mathematics) will also be considered for admission into the program. Students without adequate background in engineering may be required to take basic courses in areas where they are deficient, as directed by the student's advisory committee.

Requirements for the BME M.S. Degree: Students pursuing a BME M.S. degree must take 21-23 course credit hours (6 credit hours in BME, 4 credits in Life Sciences, and 11-13 credits of elective courses approved by the student's committee), and 7-9 thesis credit hours for a minimum total of 30 credit hours. Prior to the completion of 9 credit hours toward the degree, each student must select a SBES faculty member who will serve as the student's major professor, supervise the student's research, and chair the advisory committee. A program of study should be completed as soon as the student selects his or her advisory committee and prior to completing 12 credit hours towards the degree. The program of study must be approved by the student's advisory committee and the Graduate Committee of the joint School prior to submission to the graduate school. The program of study outlines the specific courses to be taken by the student in fulfillment of the degree. All M.S. students must pass an oral comprehensive examination given by the advisory committee covering the student's coursework and thesis research upon completing all other degree requirements.

Requirements for the BME Ph.D. Degree: Students pursuing a BME Ph.D. degree must take a minimum of 90 course credit hours beyond the B.S. degree. An M.S. degree is not required for admission to the program. Of these 90 hours, 40-54 equivalent credit hours, including the M.S. thesis may be taken for research and dissertation. As early as possible, each student must select a faculty member associated with the joint School who will serve as the student's major professor, supervise the student's research, and chair the advisory committee. A program of study should be completed as soon as the student selects his or her advisory committee and prior to completing 12 hours. The program of study must be approved by the student's advisory committee and the Graduate Committee of the joint School prior to submission to the graduate school. The program of study outlines the specific courses to be taken by the student in fulfillment of the degree. In addition to the course requirements, the program requires a clinical rotation for all Ph.D. students, along with completion of a medical ethics program taught by WFU.

A *qualifying exam* is used to evaluate the student's mastery of fundamental knowledge and to diagnose deficiencies. The examination must be taken by the end of the second year for students entering directly into the Ph.D. program or within one year of entering the program after completing the M.S. degree. Written examinations will be given in mathematics, biomedical engineering (including life sciences), and at least one specialty area in biomedical engineering.

All Ph.D. students must take an oral *preliminary examination* administered by the student's advisory committee. The student will present their dissertation research proposal, and the examination will cover all course material and the proposed research plan, including the student's knowledge of the literature, and the feasibility and originality of the proposed work.

To complete the program, students must pass a *final examination*, including approval of the dissertation in final form. It is expected that students will take from three to five years to complete the degree, depending on the student's background and research interests.

Related Degree Options:

Approval of the new graduate degrees in biomedical engineering will allow combinations with existing degrees to be created. The M.S./D.V.M. (Doctorate of Veterinary Medicine) and D.V.M./Ph.D. combinations will be offered by the Virginia-Maryland Regional College of Veterinary Medicine and the M.D./Ph.D. will be offered by Wake Forest University School of Medicine.

Joint Administration of the Degree Programs:

The degree programs will be jointly administered by Virginia Tech and Wake Forest University. It is intended that diplomas resulting from successful completion of these programs will have signatures and seals from both institutions, as is currently done for the Virginia-Maryland Regional College of Veterinary Medicine. The Virginia Tech Graduate School will initially receive all applications for the biomedical engineering programs. They will then be reviewed by the Graduate Committee of the joint School. Final acceptance will be completed according to the policies of each institution. Each graduate student's home institution will be determined by the institution of their respective advisor. Virginia Tech will be the initial home institution for any student entering into the program prior to specifying an advisor, unless requested otherwise. Once specified, graduate students will usually assume the same home department as their advisor. Students will register at their home institution. If one has not been designated, Virginia Tech will serve in that role.

All courses with the Biomedical Engineering (BME) designation will be cross-listed between the two institutions, and BME courses offered on either campus will be jointly accepted at either campus as resident courses. Thus, all BME courses will be credited as taken in residency at either institution. All BME courses will be offered through the appropriate distance learning technologies at each institution if a minimum of one student from the sister institution desires to take any given course. Other non-BME courses will be offered at the sister institution, as demand requires. Students will be considered to be in residence at their home institution, regardless of where they take their courses or conduct research. Tuition will reside within the home institution.

Comparison of the Proposed BME Program with Similar Programs Elsewhere:

There are two other universities in Virginia with BME degree programs. The University of Virginia (UVA) and Virginia Commonwealth University (VCU) both offer undergraduate as well as M.S. and Ph.D. degrees in biomedical engineering. UVA enrolled about 48 students in their M.S./Ph.D. programs; VCU enrolled about 33 in their graduate programs. Graduate programs are distinguished less by the structure of the degree program than by the research emphases of the associated faculty members. The University of Virginia has a research focus on in vivo sensing and characterization, targeted imaging, and gene analysis, design, and delivery. Research laboratories at VCU are in the following areas: artificial heart, bioacoustics, orthopaedic research, bioelectrical computing, ultrasonic imaging, tissue and cellular engineering, bio optics, eye movement and visual analysis, and voice recognition. Existing strengths of the Virginia Tech-Wake Forest programs will be in tissue and cell engineering (particularly protein and cell characterization, growth factor regulation, and computational biology), biomechanics (particularly work and age-related disorders), and bioimaging and signal processing (particular strengths at Wake Forest). The VT-Wake Forest Program will also be unique as a result of the contributions and involvement of the Virginia-Maryland Regional College of Veterinary Medicine which provides opportunity to specialize in animal medicine in addition to human medicine.

The top five programs in biomedical engineering according to the U.S. News and World 2000 Report are located at Johns Hopkins, Duke University, the University of California at San Diego, MIT, and Case Western Reserve University. A detailed comparison of the proposed VT-Wake Forest requirements and research emphases with these institutions, and with other regional programs (Cincinnati, Clemson, Georgia Tech/Emory, Kentucky, UNC Chapel Hill, Ohio State, and Pittsburgh), is available upon request.

Projected Enrollment in the Program:

Currently there are approximately 30-35 graduate students participating in the VT BME option program and 7 graduate students in the Medical Engineering program at WFU (these programs will both be replaced by the new joint BME program). The VT students come from the five currently participating departments; new students are also expected to come from Electrical & Computer Engineering.

Graduate bioengineering enrollment has increased by over 200% over the past 20 years, compared with a 70% increase for graduate enrollment in all engineering fields, according to the Engineering Workforce Commission of the American Association of Engineering Societies. Specifically from 1997 to 1999, total bioengineering graduate enrollments increased over 10% per year, while enrollments for all engineering fields together dropped slightly. A conservative estimate of growth for the new program would result in a projection of 80 students enrolled in the BME MS/Ph.D. programs within five years.

Employment Expectations for Graduates:

By combining biology and medicine with engineering, biomedical engineers develop devices and procedures that solve medical and health-related problems. Many do research, along with life scientists, chemists, and medical scientists, on the engineering aspects of the biological systems of humans and animals. Biomedical engineers also design devices used in various medical procedures, such as the computers used to analyze blood or the laser systems used in corrective eye surgery. They develop artificial organs, imaging systems such as ultrasound, and devices for automating insulin injections or controlling body functions. Most engineers in this specialty require a sound background in one of the more basic engineering specialties, such as mechanical or electronics engineering, in addition to specialized biomedical training. Some specialties within biomedical engineering include biomaterials, biomechanics, medical imaging, rehabilitation, and orthopedic engineering. Manufacturing industries employed 30 percent of all biomedical engineers, primarily in the medical instruments and supplies industries. Many others worked for health services. Some also worked on a contract basis for government agencies or as independent consultants. Some Ph.D. graduates are also expected to pursue careers as university faculty members.

Employment of biomedical engineers is expected to increase faster than the average for all occupations through 2010. The aging population and the focus on health issues will increase the demand for better medical devices and systems designed by biomedical engineers.

Assessment of Student Learning Outcomes and Benchmarks for the Program:

The full proposal outlines in detail the proposed methods for assessing effectiveness of the program in achieving learning objectives and various benchmarks. These include monitoring of enrollments, degree completions, job placements, time to degree, availability of financial support, faculty involvement from both institutions, and participation of Ph.D. students in various educational and pre-professional experiences (clinical, teaching, presentation at conferences, submission of journal articles or grant proposals). Successful completion of a master's or doctoral thesis demonstrates student mastery of several important learning objectives for the program outlined above. Surveys of graduating students and alumni five years out will inform program leaders and faculty about satisfaction with the program goals, the student's experience, and personal outcomes.

ADDITIONAL COMPENSATION FOR CREDIT EXECUTIVE/PROFESSIONAL PROGRAMS

WHEREAS, the Board of Visitors previously approved a policy authorizing additional compensation for faculty members engaged in CREDIT continuing education courses targeted for professional development needs of the workforce when such courses were delivered off-campus or via distance learning and when such instruction was certified to be above the faculty member's usual load; and

WHEREAS, the Pamplin College of Business is developing an Executive MBA Program for experienced professionals to be delivered in one or more off-campus locations in a non-traditional format of weekend seminars and web-delivered instruction; and

WHEREAS, instruction for this and similar programs to be developed for executive or professional audiences will be provided by a combination of adjunct faculty (experienced individuals in the field with relevant expertise and credentials) and existing Virginia Tech faculty who may be home based in Blacksburg, Northern Virginia, or other locations; and

WHEREAS, successful development of executive/professional continuing education programs will be contingent on the availability of additional compensation for Virginia Tech faculty, which is expected to be funded from student fees; and

WHEREAS, the existing policy on faculty compensation for credit continuing education needs to be slightly modified to authorize overload payment to faculty members teaching in executive/professional programs even when such teaching occurs at their home location – for example, faculty members home based in Northern Virginia would be authorized to receive additional compensation for participation in an executive program offered in Northern Virginia;

THEREFORE, be it resolved, that the policy on faculty compensation for credit continuing education courses include executive/professional programs among those programs eligible for overload pay and that faculty members participating in such programs may earn additional compensation regardless of their home base location and course delivery location.

RECOMMENDATION:

That the above modification to the policy on faculty compensation for credit continuing education courses be approved.

The University Exemplary Awards Program

The University Exemplary Awards Program recognizes the work of departments and/or programs that maintain exemplary teaching and learning environments for students and faculty. With this award, we publicly honor the collaborative efforts and successes of a group of dedicated colleagues--actively performing work that is essential for sustaining a truly excellent academic environment. The University Exemplary Departments and Programs Awards are given in recognition that the academic excellence of individuals is achieved within distinctive working and learning environments to which many individuals contribute in essential ways. Three awards are given annually: one for \$20,000 and two for \$10,000 each.

The awards program was established as a part of the university's Faculty Rewards Project, a project that seeks to clarify the expectations of faculty, and define appropriate rewards for accomplishments.

The focus of the awards varies from year to year, to highlight various aspects of the instructional mission. The themes of previous five years' awards and the departments receiving those awards are as follows:

1997 - Maintaining a high quality of advising both at the graduate and undergraduate levels.

Mining & Minerals Engineering; Animal & Poultry Sciences;
Agriculture & Applied Economics

1998 - Working collaboratively across departmental boundaries to fulfill common or complementary goals. (The awards would be given to the set of departments involved.)

Urban Affairs & Planning; Materials Science & Engineering;
Building Construction and Civil & Environmental Engineering
(shared award).

1999 - Effectively linking research with teaching, with particular concentration on innovative undergraduate programs.

Aerospace & Ocean Engineering; Psychology; Physics

2000 – Effectively increasing diversity of faculty, staff, and students, and/or enhancing multicultural perspectives in teaching, research, and outreach programs.

Educational Leadership & Policy Studies; Industrial & Systems Engineering; Dean of Student's Office

2001 - Developing sustaining innovative and effective departmental approaches to introductory courses at the graduate and undergraduate levels.

Residential Leadership Community; Forestry; Marriage & Family Therapy Program in Northern Virginia

2002 - Maintaining a high quality of advising both at the graduate and/or undergraduate levels.

Biology; Animal & Poultry Sciences; Mining & Minerals Engineering

Annually, an Exemplary Departments and Programs Awards Committee is appointed by the Provost, with representation from the faculty of each of the colleges, and with student representation. Serving *ex officio* are the Director of the Center for Excellence in Undergraduate Teaching and the Director of Academic Assessment Programs. A member of the Provost's staff convenes the committee. Publicity about the awards is carried in campus publications and through letters and electronic mail to all departments. The committee accepts letters of nomination from any interested party. In an iterative process, departments may be asked to supplement the information in the nomination letter and the committee may interview representatives of the departments and programs that are the finalists for the awards.

**RESOLUTION HONORING
DEPARTMENT OF BIOLOGY
November 11, 2002**

WHEREAS, the University Exemplary Department and Program Awards recognize the work of departments and/or programs that maintain exemplary teaching and learning environments for students, faculty, and staff; and

WHEREAS, the Department of Biology advising philosophy is based upon a collaborative relationship between students and their advisers resulting in the students' taking ownership for their own academic and career plans; and

WHEREAS, the Freshman Seminar Course in the Department of Biology helps students develop self-confidence and increased awareness about opportunities for their academic growth and success; and

WHEREAS, the Department of Biology recognizes and rewards outstanding advisers; and

WHEREAS, the Department of Biology is a recipient of the University Exemplary Department Award for 2002;

THEREFORE, be it resolved that the Board of Visitors recognizes the Department of Biology for its excellence in advising at the graduate and/or undergraduate levels, and congratulates the department on its achievement.

RECOMMENDATION:

That the above resolution recognizing the Department of Biology be approved.

**RESOLUTION HONORING
DEPARTMENT OF ANIMAL AND POULTRY SCIENCES
November 11, 2002**

WHEREAS, the University Exemplary Department and Program Awards recognize the work of departments and/or programs that maintain exemplary teaching and learning environments for students, faculty, and staff; and

WHEREAS, in the Department of Animal and Poultry Sciences, undergraduate and graduate students alike benefit from the personal attention they are given by the department's advisers; and

WHEREAS, the dedication of the Department of Animal and Poultry Sciences advising staff is instrumental to the success of students; and

WHEREAS, the Department of Animal and Poultry Sciences faculty and staff go beyond their role as advisers to become mentors, colleagues, and friends to students with individual attention that elevates the advising program to the highest level of excellence; and

WHEREAS, the Department of Animal and Poultry Sciences was recognized as a University Exemplary Department in 1997 and once again is a recipient of the University Exemplary Department Award for 2002;

THEREFORE, be it resolved that the Board of Visitors recognizes the Department of Animal and Poultry Sciences for its excellence in advising at the graduate and/or undergraduate levels, and congratulates the department on its achievement.

RECOMMENDATION:

That the above resolution recognizing the Department of Animal and Poultry Sciences be approved.

**RESOLUTION HONORING
DEPARTMENT OF MINING AND MINERALS ENGINEERING
November 11, 2002**

WHEREAS, the University Exemplary Department and Program Awards recognize the work of departments and/or programs that maintain exemplary teaching and learning environments for students, faculty, and staff; and

WHEREAS, the Department of Mining and Minerals Engineering has developed a personalized environment for working with students; and

WHEREAS, the Department of Mining and Minerals Engineering takes a proactive advising approach with an open-door policy that encourages students to discuss classes, financial aid, job perspectives, and other pertinent subjects; and

WHEREAS, advisers in the Department of Mining and Minerals Engineering possess the knowledge to help and desire to support each student by assessing individual needs and interests; and

WHEREAS, the Department of Mining and Minerals Engineering was recognized as a University Exemplary Department in 1997 and once again is a recipient of the University Exemplary Department Award for 2002;

THEREFORE, be it resolved that the Board of Visitors recognizes the Department of Mining and Minerals Engineering for its excellence in advising at the graduate and/or undergraduate levels, and congratulates the department on its achievement.

RECOMMENDATION:

That the above resolution recognizing the Department of Mining and Minerals Engineering be approved.

**NAME CHANGE
COLLEGE OF HUMAN RESOURCES & EDUCATION
TO
COLLEGE OF HUMAN SCIENCES & EDUCATION
November 11, 2002**

WHEREAS, the former College of Human Resources implemented a name change from the College of Home Economics to the College of Human Resources in 1981; and

WHEREAS, the former College of Human Resources became a part of the current College of Human Resources & Education in 1996; and

WHEREAS, the name “Human Resources” no longer accurately describes the disciplines and in fact is often confused with the description of personnel affairs in the field of business; and

WHEREAS, the National Association of State Universities and Land-Grant Colleges (NASULGC) identifies the disciplines mentioned above as “Human Sciences” and is organized as the Board on Human Sciences of NASULGC;

THEREFORE, be it resolved that the name of the College of Human Resources & Education be changed to the College of Human Sciences & Education.

RECOMMENDATION:

That the above resolution recommending that the College of Human Resources & Education be renamed the College of Human Sciences & Education be approved.

For Your Information Only

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

November 11, 2002

Donaldson Brown Hotel and Conference Center

PRESENT

Board of Visitors Members:

Mr. Mitchell O. Carr
Mr. William C. Latham
Mr. John R. Lawson, II
Mr. T. Rod Layman

VPI & SU Staff:

Mr. William M. Elvey
Mr. F. Spencer Hall
Mr. Z. Scott Hurst
Ms. Terri T. Mitchell
Ms. Elizabeth D. Reed
Dr. Raymond D. Smoot, Jr.

Guests:

Mr. Robbie Davis
Chief Debra C. Duncan
Dr. Elizabeth A. Flanagan
Ms. Bernadette L. Mondy
Mr. Steven T. Mouras
Ms. Sarah S. Newbill

OPEN SESSION

Opening Comments: Mr. Latham called the meeting to order at 8:30 a.m. Mr. Carr moved the Committee enter into Closed Meeting to discuss the acquisition, use, or disposition of real estate; 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. Carr moved the Committee be reconvened in Open Session at 9:30 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. Latham 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 26, 2002 meeting were unanimously approved.
3. **Capital Outlay Project Status Report:** The Committee reviewed the status of all capital projects in design or under construction. These included 6 projects in the design phase, 2 out for bid, and 11 under construction. Passage of the General Obligation Bond Issue provides \$95 million of state funding to 11 projects. The Commonwealth has not advised the university when the proceeds will be available and these projects initiated. The Committee was advised the Department of Environmental Quality had recently approved the university's plan to construct the Building Construction Laboratory on the site adjacent to Cowgill Hall. The university will proceed to receive public comment on the plan. Should contaminated soil be encountered, the university would be required to properly dispose of the soil but would not be required to further remediate the site. Dr. Smoot stated that there are no university funds available to address any expense associated with disposal of the materials or project delays and relocation should contamination be encountered. Mr. Lawson suggested that legal counsel be asked to structure the contract for site preparation to minimize the university's risk should contaminated soil be encountered. The Committee discussed the possible use of donated materials for finishes within the Alumni Center, Hotel and Conference Center. Mr. Hurst agreed that donated materials could be used provided they met specifications for the project. Legal counsel will be consulted to assure that donated materials are properly handled and tax benefits are available as allowed by IRS regulations.
4. **Report of Bids Received:** Mr. Hall reported on capital project bids received since the August 26, 2002 meeting. The low bid for the Dairy Science Project was \$2,772,000, which is below the construction estimate of \$2,963,000. The low bid for the Electric Service Facility was \$1,870,000, which is below the

construction estimate of \$2,325,000. The low bid for the Career Services Facility was \$3,752,570, which exceeded the construction estimate of \$3,200,000.

5. **Naming of Parking Lots:** Dr. Smoot shared a proposal to geographically name the Blacksburg campus parking lots. The parking services department has used informal names, but the university desires to give formal names to assist faculty, staff, students, and visitors in locating lots. Mr. Mouras said that signs would be posted at each lot. The Committee unanimously approved the recommended names.
6. **Update on Campus Security:** Chief Duncan provided an update on campus security. She provided data showing that when compared to other similar universities, Virginia Tech's crime incidence is generally low. The Chief shared information on current issues including vandalism, student deaths, counterfeit football tickets, and bomb threats. She emphasized initiatives underway to increase police contact with the university community. Information was also provided on reported forcible sex offenses on campus and how each was addressed. Current initiatives underway include: pedestrian safety, emergency phones, Adopt-A-Hall program, K-9 program, satellite stations, and other initiatives to increase interaction between members of the university community and the police. The Committee expressed support for the initiatives of the police department and its handling of recent high profile situations.
7. **Resolution for Sale of Timber at Southern Piedmont AREC:** The university desires to sell timber on approximately 100 acres within the boundaries of the Southern Piedmont AREC and expend the timber proceeds on-site. The Committee recommended the resolution for full Board approval.

JOINT SESSION WITH FINANCE AND AUDIT COMMITTEE

8. **Presentation on University Disaster Recovery Plans:** In view of the death of a family member of one of the key presenters, the Committees postponed the report on disaster recovery plans until the March Board Meeting.

The meeting of the Buildings and Grounds Committee adjourned at 11:30 a.m.

Respectfully submitted,

Raymond D. Smoot, Jr.

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

On September 3, 2002, the university acquired approximately 1,181.98 acres of land on the Fort Pickett Military Reservation of Nottoway County, Virginia from the U.S. Department of Education through a public benefit conveyance. The property is the site of the Southern Piedmont Agricultural Research and Extension Center.

The university desires to sell timber on approximately 100 acres within the boundaries of the property and expend the timber proceeds on-site as provided for in its Application for Public Allowance Acquisition dated November 2, 1998.

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

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

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

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

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

WHEREAS, the University is desirous of selling timber on approximately 100 acres within Lot 4 of the Property as designated on a plat prepared by Maxey-Hines & Associates, P.C. dated December 7, 1999, entitled "Boundary Survey for Virginia Polytechnic Institute and State University"; and,

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

NOW THEREFORE BE IT RESOLVED, that the Vice President for Administration and Treasurer be authorized to execute the necessary documents to sell the timber in accordance with applicable statutes of the Code of Virginia. The proceeds from the sale of the timber shall be expended on-site at the Southern Piedmont Agricultural Research and Extension Center in accordance with the provisions in the Application for Public Allowance Acquisition dated November 2, 1998.

RECOMMENDATION:

That the above resolution authorizing the Vice President for Administration and Treasurer to execute the necessary documents to sell the timber and that the timber proceeds be expended on-site at the Southern Piedmont Agricultural Research and Extension Center be approved.

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

November 11, 2002

AUDIT CLOSED SESSION

PRESENT:

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

VPI&SU STAFF: Mr. Martin Daniel, Ms. Kay Heidbreder, Mr. Minnis Ridenour, Mr. John Rudd, Mr. Dwight Shelton, Dr. Lisa Wilkes

AUDIT CLOSED SESSION: The Committee met in Closed Session with the Director of Internal Audit and Management Services 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. Philip Thompson

VPI&SU STAFF: Mr. John Cusimano, Mr. Martin Daniel, Mr. Ken Miller, Mr. Raye Penney, Mr. Minnis Ridenour, Mr. John Rudd, Ms. Kathy Sanders, Dr. Edd Sewell, Mr. Dwight Shelton, Ms. Melinda West, Dr. Lisa Wilkes

GUESTS: Ms. Brenda Burke, Virginia Tech Student; Mr. James Gregory, Auditor of Public Accounts (APA) District Manager; Ms. Kimberly Jamison-Muse, Office of APA; Ms. Carla Linkous, Office of APA; Mr. Kevin Miller, The Roanoke Times; Mr. Joseph Stepp, Office of APA

1. APPROVAL OF MINUTES OF THE AUGUST 26, 2002 MEETING:

The Committee reviewed and approved the minutes of the August 26, 2002 meeting.

2. PRESENTATION AND ACCEPTANCE OF THE AUDITOR OF PUBLIC ACCOUNTS MANAGEMENT LETTER FOR JUNE 30, 2002 AUDIT:

The Committee received a report from Mr. James Gregory, Auditor of Public Accounts (APA) District Manager, on the University's financial statements and management letter for the year ended June 30, 2002. The financial statements have been prepared in accordance with general accepted accounting principles and carry an unqualified (or clean) opinion.

The first comment regards the status of the university initiative to ensure departments follow financial policies and procedures. The auditor continues to find problems with departments not complying with the financial policies and procedures. The APA recommends that University executive management work to develop a stronger training, monitoring and enforcement program with appropriate consequences. The University has taken initial steps to implement six specific programs to address the non-compliance issues and will work over the next year to fully implement these programs.

The second comment is "Develop a Formal Effort Reporting Policy." The University does not have an official effort reporting policy. The auditor found effort reports submitted up to six months past the due date. The APA recommends that the University develop a formal effort reporting policy that clearly addresses the importance of effort reporting, the responsibilities of the departments involved in the process, and the appropriate consequences for not complying with the policy. The Vice President for Budget and Financial Management will work to develop and issue a formal policy and bring a report back to the Committee at the March Board meeting.

The third comment involves strengthening management oversight in the Office of Scholarships and Financial Aid. The APA found that management in the Office of Scholarships and Financial Aid does not provide adequate oversight of counselors and other administrative staff to ensure that the office complies with all federal and state regulations. During the review the auditors found pervasive control weaknesses in student financial aid processes that caused errors and non-compliance that resulted in over-awards. The specific concerns cited by the APA are:

1. There are not adequate system controls and coordination between offices to identify changes in cost of attendance and student eligibility.
2. The processes and procedures for recognizing student financial resources from departmental and outside sources in determining need are inadequate.
3. The Office does not have sufficient detailed procedures for counselors to use in reviewing the over-award report.
4. The Office does not reconcile its emergency loans and does not have written procedures for reconciling these accounts.
5. The Office does not have an adequate process to identify students who unofficially withdraw from classes.
6. The Office failed to fully award the authorized Perkins loans.

7. The Office failed to communicate a change in the matching policy for the Federal Supplemental Education Opportunity Grant program to the University Bursar.
8. There are weaknesses in security settings for systems rights and access on the Windows NT server.

The Vice President for Budget and Financial Management will coordinate the review of the management letter comments and ensure that the findings are completely and fully addressed. Responses to the management letter will be presented at the March Board meeting.

The Committee accepted the report.

3. REVIEW AND ACCEPTANCE OF UNIVERSITY'S SEMI-ANNUAL UPDATE OF RESPONSES TO ALL PREVIOUSLY ISSUED INTERNAL AUDIT REPORTS:

The Committee reviewed the semi-annual update of responses to all previously-issued internal audit comments. As of September 30, 2002, 107 outstanding comments have been addressed by the University, leaving 85 comments in process. Since the ending of the first quarter, 13 additional comments have been addressed and an updated report was provided to the Committee at the meeting. The recommendations with slipped implementation dates have been given special attention by management, and the Committee received a briefing on the University's actions to address these comments.

The Committee accepted the report.

4. UPDATE TO THE RESPONSE TO THE AUDITOR OF PUBLIC ACCOUNTS' 2001 MANAGEMENT LETTER:

The Committee received an update on the university's response to the Auditor of Public Accounts' 2001 Management Letter comment "Ensure departments follow financial policies and procedures." While several steps to address this comment have already been completed or are underway, implementation of the overall plan should be substantially completed by January 2003.

The Committee accepted the report.

5. STATUS REPORT OF RESPONSES TO OFFICE OF SCHOLARSHIPS AND FINANCIAL AID AUDIT:

The committee received an update on the status of the resolution of the comments and recommendations included in Internal Audit's August 2002 report on the Office of Scholarships and Financial Aid. A team of personnel has been assembled to work on the resolution of these comments, and additional personnel support has been provided by Internal Audit and Management Services and by Information Systems and Computing. A high priority has been established on implementing the short-term solutions to the audit comments, and significant progress is being made. As of November 8, 2002, the team estimated

that they are 60 percent complete with the implementation of the short-term solutions. Some comments require long-term solutions, such as changes to the automated systems, and these efforts are estimated to be 49 percent complete. Ten of the 24 comments are complete at this time, and the team believes that 22 comments will be completed on or before the original estimated completion date. One comment has been delayed to ensure compliance with personnel laws and regulations, and one efficiency comment will not be implemented because of concerns about impacts on customer service. The team is also placing significant effort in resolving the revenue recognition and cost of attendance issues that caused aid over-awards to ensure that these concerns are not repeated in the future. The Vice President for Budget and Financial Management and the Vice Provost for Academic Affairs are meeting periodically with the team to provide support and guidance regarding the timely and appropriate solutions to the audit comments.

The Committee accepted the report.

6. REVIEW OF INTERNAL AUDIT DEPARTMENT'S STATUS REPORT AS OF SEPTEMBER 30, 2002, INCLUDING JOINT ISSUES WITH CORPORATE AUDIT:

The Committee reviewed the Internal Audit Department's Status Report as of September 30, 2002. 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.

Management Services staff participated in a review with Information Systems and Computing that involved issues pertaining to the Information Technology acquisition and processes and the surplus of computers.

The Committee accepted the report.

7. REVIEW AND ACCEPTANCE OF THE FOLLOWING INTERNAL AUDIT REPORTS/MEMOS ISSUED DURING THE PRIOR QUARTER:

A. University Registrar

The Committee received a report on the University Registrar audit. The audit indicated that the overall risk exposure is high and the internal control system is effective but improvements are recommended. The audit recommendations include: develop university standards and guidelines for compliance with Family Educational Rights and Privacy Act of 1974 (FERPA), enhance systems security, improve grade change and course overload approval procedures, and comply with corporate purchasing card procedures. Management is working to implement improvements to address the recommendations.

The Committee accepted the report.

B. Investments and Debt Management

The Committee received a report on the Investments and Debt Management audit. The audit indicated that the overall risk exposure is moderate and the internal control system is effective. The audit recommendations include: improve controls over cash management, improve systems security, and improve controls over fixed assets inventory reports. Management is working to implement improvements to address the recommendations.

The Committee accepted the report.

There being no further business, the meeting adjourned at 12:00 noon.

Respectfully submitted,

John C. Rudd
Director, Internal Audit & Management Services

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

November 11, 2002

FINANCE CLOSED SESSION

PRESENT:

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

VPI&SU STAFF: Mr. Martin Daniel, Ms. Kay Heidbreder, Mr. Minnis Ridenour, Mr. John Rudd, Mr. Dwight Shelton, Dr. Lisa Wilkes

FINANCE CLOSED SESSION: The Committee met in Closed Session to review and ratify the Research and Development Disclosure Report, to review and ratify the quarterly personnel changes report, and to review and approve the bonuses for the Hispanic College Fund Football Classic.

FINANCE OPEN SESSION

PRESENT:

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

VPI&SU STAFF: Mr. John Cusimano, Mr. Martin Daniel, Mr. Larry Hincker, Mr. Ken Miller, Mr. Minnis Ridenour, Mr. John Rudd, Ms. Kathy Sanders, Dr. Edd Sewell, Mr. Dwight Shelton, Dr. Lisa Wilkes

GUESTS: Ms. Brenda Burke, Virginia Tech Student; Mr. Kevin Miller, The Roanoke Times

1. APPROVAL OF MINUTES OF THE AUGUST 26, 2002 MEETING:

The Committee reviewed and approved the minutes of the August 26, 2002 meeting.

2. BRIEFING ON NEW GASB 34/35 FINANCIAL STATEMENT FORMATS:

The Committee received a briefing on the new accounting standards issued by the Governmental Accounting Standards Board which sets the format for public universities' financial reporting. Some of the more significant changes are:

- Public higher education institutions will no longer have a unique reporting format. The new format will consolidate financial activity for all major fund groups into a single column, instead of the multi-column presentation of the old model. This will make the university's financial statements appear more like those of "for profit" companies, especially since the university now includes depreciation expense for its capital assets.
- The new financial statements will include a balance sheet, operating statement, and a statement of cash flows.
- The operating statement will always show a net loss from operations since State Appropriations and Gift Income are mandated to be classified as non-operating revenues.

The statements for year ending June 30, 2002 were prepared in accordance with the new accounting standards and required format. Since the 2002 statements are still in draft form, the Committee will receive a formal review of the published financial statements during the March 2003 meeting.

3. 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, 2002. The amount of write-off totaled \$562,408, which represents only one-tenth of one percent of FY01 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: a small receivable amount; 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. However, efforts are underway to secure authorization to refer delinquent accounts to an outside collection entity. Further, the Chair of the Finance and Audit Committee, the Executive Vice President and Chief Operating Officer, and other university executives will be meeting with the Office of the Attorney General over the next couple of weeks to determine how the University can obtain additional authority to handle collection efforts.

The Committee accepted the report.

4. 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 2001-02, five primary activities occurred. These included: the continued coordination of a roster of all department, college, and university-level centers; the submission of annual financial reports; the first annual Business Practices Seminar; the completion of compliance reviews; a five year detailed review of three university research centers; and, as part of an annual audit plan, the audit of three centers. Additionally, an annual meeting of center liaisons for university level centers and college and department based centers, and for university administrators was held in November 2001.

The Committee accepted the report.

ITEMS PRESENTED TO THE FULL BOARD FOR APPROVAL

5. REVIEW AND ACTION ON THE UNIVERSITY'S BUDGET REDUCTION PLANS FOR 2002-03 AND 2003-04:

The Committee reviewed the University's budget reduction plans for 2002-03 and 2003-04. As was shared with the Board of Visitors at the information session yesterday, the Commonwealth of Virginia is expected to experience a General Fund budget shortfall of \$5.3 billion over the period of 2001-02 and the 2002-04 biennium. To balance the budget of the Commonwealth, the University, along with other state agencies, was asked to implement budget reduction plans in 2001-02 and has been asked to implement two rounds of budget reductions for the 2002-04 biennium. Budget reduction targets were received and actions implemented in 2001-02 to address the reductions required in 2001-02 as well as the first round of reductions in the 2002-04 biennium.

The University must now submit plans to address the second round of reductions for the 2002-04 biennium which includes further General Fund reductions of \$26.0 million in 2002-03, growing to \$29.3 million in 2003-04. The round two adjustments result in total General Fund reductions for 2001-02, as well as both rounds reductions for the 2002-04 biennium, of \$11.2 million in 2001-02, \$61.5 million in 2002-03, and \$72.3 million in 2003-04.

To address the second round of reductions, the University proposes to utilize the following strategies: further internal budget reductions, tuition increases, use of one-time resources, programmatic restructuring, one-time auxiliary support, utilization of carryover balances, and generation of new revenue. (The details of these strategies are outlined in Attachments 1, 2, and 3.) These strategies are recommended to ensure that the University can maintain the integrity of the core academic and research missions of the University, including providing all possible resources to support classrooms and laboratories, as well as to invest in new initiatives and critical university priorities. Further, the University, through a review of historical analysis and trends that occurred in previous reduction periods, has determined that a reinvestment pool is necessary if the University is to remain a top research university.

The University also proposes utilizing the Alternative Severance Option Program as well as the Separation Incentive Plan that were available during the first round of budget reductions to address required personnel reductions during this second round of reductions. Further, the University proposes that the Board of Visitors authorize the conversion of classified staff and administrative and professional faculty on calendar year appointments to the traditional academic year appointment or to an alternate 9, 10, or 11 month appointment, upon a six-month notice, to further address budget reductions.

A copy of the details of the budget reduction strategies for Board action is attached (Attachment A).

The Committee recommended approval of the University's budget reduction plans for 2002-03 and 2003-04 to the full Board.

6. REVIEW AND ACTION ON THE TUITION PACKAGE:

The Committee reviewed and approved the University's tuition package.

Given the Round 2 budget reductions that must be addressed in the current year, the Committee recommended a tuition package that includes an increase of \$400 for all students, to be implemented in the Spring semester of 2003. The increase will be annualized in the Fall of 2003 and will result in an increase of \$800 per year for the 2003-04 academic year.

The Committee also recommended approval of a tuition plan that benchmarks tuition at the 60th percentile of peer institutions, including a plan to raise additional tuition revenues of \$8.4 million in the Fall of 2003. Specific rates to generate this revenue will be recommended for Board approval at the March 2003 Board of Visitors meeting.

A copy of the tuition package for Board action is attached (Attachment B).

The Committee recommended the University's tuition package to the full Board for approval.

7. REVIEW AND ACTION ON THE UNIVERSITY'S REVISED 2002-03 OPERATING BUDGET:

The Committee reviewed and approved the University's revised 2002-03 operating budget.

As a result of the Round 2 budget reductions, the Education and General (E&G) Fund revenues have been reduced by \$7.3 million in the University Division and by \$6.6 million in the Cooperative Extension/Agricultural Experiment Station (CE/AES) Division, for a total E&G reduction of \$13.9 million. This assumes that \$9.1 million of the Round 2 budget cuts for the University Division will be offset through a Spring 2003 tuition increase. Additional reductions and transfers of other revenue sources have resulted in additional revenue reductions of \$5.2 million, for a total revenue reduction of \$19.1 million. For the remainder of 2002-

03, expenses for the university will exceed revenues by an additional \$2.3 million which will be transferred from the Auxiliary Enterprises on a one-time basis to offset the revenue reduction.

A copy of the University's Revised 2002-03 Operating Budget for Board action is attached (Attachment C).

The Committee recommended the University's revised 2002-03 operating budget to the full Board for approval.

8. APPROVAL OF YEAR-TO-DATE FINANCIAL PERFORMANCE REPORT (JULY 1, 2002 - SEPTEMBER 30, 2002):

The Committee reviewed the Year-to-Date Financial Performance Report for the quarter ending September 30, 2002. 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. The annual budget will be adjusted during the second quarter for the General Fund reductions assigned by the Governor on October 15, 2002.

First quarter tuition and fee revenue was higher than historical projections due to earlier than projected tuition collections. Revenue in All Other Income was higher than projected due to timing of indirect cost reimbursements transferred into the Educational and General Program.

First quarter revenue collections for grants and contracts were higher than projected due to continued improvement in collection efforts. Revenues were greater than projected in the Residential and Dining programs due to higher than projected dining dollars being deposited into student accounts and the collection of new catering revenues. Revenues were greater than projected in the Athletic Department due to higher-than-anticipated football season ticket and premium seating sales and an increase in the number of online ticket orders.

For the quarter ending September 30, 2002, \$5.4 million had been expended for Educational and General capital projects and \$6.6 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.

9. REVIEW AND ACCEPTANCE OF PRATT FUND PROGRAM AND EXPENDITURES REPORT:

The Committee received a report on the Pratt Fund program and expenditures. Pratt bequest expenditures of \$993,134 for Engineering and \$1,122,260 for Animal Nutrition were made during 2001-02.

The Pratt Funds for Engineering supported 15 undergraduate students in international study-abroad programs, and provided partial funding for an additional 44 scholarships for study-abroad programs. Student scholarships were also awarded to help fund travel expenses. Additionally, the Pratt Funds

provided scholarships for 189 undergraduate students and provided 12 tuition scholarships and 69 fellowships for graduate students. Pratt monies were utilized to fund prospective graduate student recruiting visits. 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. Thirty-eight faculty members received support from Pratt Funds to participate in international conferences. 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 50 outstanding freshman scholars, and 10 outstanding senior scholars received scholarships and research support. Additionally, the Pratt Funds provided assistantships, scholarships, and research funding for 15 graduate student fellows. The Pratt Funds also supported state-of-the-art scientific equipment purchases, research space renovations, and the publication of research journal articles resulting from student dissertations. Two visiting scientists were supported by Pratt Funds, and these scientists presented seminars for the University community.

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

ITEM NOT PRESENTED TO THE FULL BOARD FOR APPROVAL

JOINT SESSION WITH BUILDINGS AND GROUNDS COMMITTEE:

10. PRESENTATION ON UNIVERSITY DISASTER RECOVERY PLANS:

In view of the death of a family member of one of the key presenters, the Committees postponed the report on disaster recovery plans until the March Board meeting.

There being no further business, the meeting adjourned at 12.00 noon.

Respectfully submitted,

Minnis E. Ridenour
Executive Vice President and
Chief Operating Officer



**2002-2004
Budget Reduction and Reinvestment Plan**

November 11, 2002

**RESOLUTION ON THE UNIVERSITY'S BUDGET REDUCTION PLANS
FOR 2002-03 AND 2003-04**

WHEREAS, the Commonwealth of Virginia is expected to experience a General Fund shortfall of \$5.3 billion over the period of 2001-02 and the 2002-04 biennium; and,

WHEREAS, to balance the budget of the Commonwealth, state agencies were asked to implement budget reduction strategies in 2001-02 and have been asked to implement two rounds of General Fund budget reductions for the 2002-04 biennium; and,

WHEREAS, the University was required to eliminate \$11.2 million of General Funds during 2001-02; and,

WHEREAS, in the first round of budget reductions, the University was required to eliminate \$35.5 million of General Funds in 2002-03, growing to \$43.1 million of General Funds in 2003-04; and,

WHEREAS, in the second round of budget reductions, the University will be required to eliminate an additional \$26.0 million of General Funds in 2002-03, growing to \$29.2 million of General Funds in 2003-04; and,

WHEREAS, the General Fund reductions for the University total \$11.2 million in 2001-02; \$61.5 million in 2002-03; and \$72.3 million in 2003-04; and,

WHEREAS, to address the first round of reductions, the University utilized the following strategies: increases in tuition, reduction of personnel (which resulted in a net loss of 252 positions), reduction of operating costs, reduction and elimination of programs, utilization of central funds, and utilization of auxiliary funds; and,

WHEREAS, in addressing the second round of budget reductions the University has made a commitment to maintain the integrity of the core academic and research missions of the University and to utilize all available strategies to ensure that maximum funding will be available to support classrooms and laboratories; and,

WHEREAS, the University, through a review of historical analysis and trends that occurred in previous budget reduction periods, has determined that a reinvestment pool is a necessity if the University is to remain a top research university; now,

THEREFORE, BE IT RESOLVED, that the University recommends that the Board of Visitors approve the following strategies as a means of addressing the balance of the first round of reductions for 2003-04 and the second round of budget reductions (the details of which are found on Attachments 1, 2, and 3): further internal budget reductions, tuition increases, use of one-time resources, programmatic restructuring, one-time auxiliary support, utilization of carryover balances, and generation of new revenue; and,

BE IT FURTHER RESOLVED, that the University is authorized to utilize the Alternative Severance Option Program and the Separation Incentive Plan that were approved as strategies to address the reduction in personnel in the first round of budget reductions; and,

BE IT FURTHER RESOLVED, that the University is authorized to convert administrative and professional faculty on calendar-year appointments to the traditional academic year appointment period or to an alternate 9, 10, or 11 month appointment upon a six-month written notice; and, that the University may convert classified staff on calendar-year appointments to the traditional academic year appointment period or to an alternate 9, 10, or 11 month appointment as a means to address these budget reductions; and,

BE IT FURTHER RESOLVED, that the Board of Visitors endorses the University's plan to provide for a reinvestment pool to ensure that academic initiatives and university priorities are addressed during this budget period.

RECOMMENDATION: That the Board of Visitors approve the University's Budget Reduction Plans for 2002-04.

November 11, 2002

University Division
2002-2004 Budget Reduction and Reinvestment Plan
As of November 11, 2002
(amounts in thousands)

	<u>2002-03</u>	<u>2003-04</u>
<u>Agency 208</u>		
General Fund reduction - Round 1	-24,386	-31,494
General Fund reduction - Round 2	-17,811	-20,945
General fund reductions	<u>-42,197</u>	<u>-52,439</u>
Actions previously taken during Round 1		
Tuition - Approved for Fall 2002	10,973	10,973
Academic & administrative reductions	17,307	17,307
Prior Commitments and Academic Reinvestment	-3,894	-3,894
Net to be addressed	<u>-17,811</u>	<u>-28,053</u>
Actions yet to be taken		
Tuition - Recommended for Spring 2003	9,052	20,003
Tuition - Planned for Fall 2003		8,422
Enrollment		4,140
Revenue growth		868
Auxiliary support		
One-time auxiliary support	2,350	
Align Counseling Services with auxiliary funding		709
Auxiliaries fund Student Affairs		1,050
Auxiliary operating budget reductions		6,500
Auxiliary support	<u>2,350</u>	<u>8,259</u>
Reductions		
Academic & administrative reductions		10,333
Targeted and eliminated programs	1,300	2,229
One-time assessment of carryover funds	2,008	
Salary savings		2,317
Central funds	5,175	
Reductions	<u>8,483</u>	<u>14,879</u>
Funds available for University priorities and critical needs	<u><u>2,074</u></u>	<u><u>28,518</u></u>
Investment in New Academic Initiatives		5,000
Faculty start up packages		300
Supplement Equipment Trust Fund program		1,212
Supplement Maintenance Reserve program		2,185
Realign Agency 229 Teaching Faculty	1,324	1,342
Salary retention pool		5,125
Contingency for enrollment variances		3,285
Student Financial Aid	750	2,300
Fund previously approved academic initiatives		7,769
University priorities and critical needs	<u>2,074</u>	<u>28,518</u>
Net	<u><u>0</u></u>	<u><u>0</u></u>

Cooperative Extension/Agriculture Experiment Station Division
 2002-2004 Budget Reduction Plan
 As of November 11, 2002
 (amounts in thousands)

	<u>2002-03</u>	<u>2003-04</u>
<u>Agency 229</u>		
General Fund reduction - Round 1	-4,261	-4,870
General Fund reduction - Round 2	-6,618	-6,712
General fund reductions	<u>-10,879</u>	<u>-11,582</u>
 Actions previously taken during Round 1		
Academic & administrative reductions	4,261	4,870
Net to be addressed	<u>-6,618</u>	<u>-6,712</u>
 Actions yet to be taken		
Academic & administrative reductions	6,618	6,712
 Net	<u><u>0</u></u>	<u><u>0</u></u>

Equipment Trust Fund and Maintenance Reserve
 2002-2004 Budget Reduction Plan
 As of November 11, 2002
 (amounts in thousands)

	<u>2002-03</u>	<u>2003-04</u>
Equipment Trust Fund reductions - Round 1	-2,424	-2,424
Maintenance Reserve reductions - Round 1	-4,373	-4,312
Maintenance Reserve reductions - Round 2	<u>-1,584</u>	<u>-1,614</u>
Total Reduced Funding	-8,381	-8,350
 Actions previously taken during Round 1		
Equipment Trust Fund reductions	2,424	2,424
Maintenance Reserve reductions	<u>4,373</u>	<u>4,312</u>
Net to be addressed	-1,584	-1,614
 Actions yet to be taken		
Maintenance Reserve reductions	1,584	1,614
 Net	<u><u>0</u></u>	<u><u>0</u></u>



SUMMARY OF TUITION RECOMMENDATIONS

November 11, 2002

VIRGINIA TECH
SPRING 2003 TUITION RECOMMENDATIONS

	<u>Current Rates for 2002-03</u>	<u>Proposed Increase Spring 2003</u>	<u>Proposed Rates for 2002-03</u>
<u>Full-Time Students -- Semester Rates</u>			
<u>Undergraduate Students</u>			
Resident	\$1,522.00	\$ 400.00	\$ 1,922.00
Nonresident	6,330.00	400.00	6,730.00
<u>Graduate Students</u>			
<u>On-Campus Programs</u>			
Resident	2,369.50	400.00	2,769.50
Nonresident	3,987.00	400.00	4,387.00
<u>Off-Campus Programs</u>			
Resident	2,659.50	400.00	3,059.50
Nonresident	4,306.50	400.00	4,706.50
<u>Veterinary Medicine</u>			
Virginia/Maryland	4,651.00	400.00	5,051.00
Out-of-State Non-Maryland	12,260.00	400.00	12,660.00

Part-Time Students -- Hourly Rates*

<u>Undergraduate Students</u>			
Resident	\$ 126.75	\$ 33.33	\$ 160.08
Nonresident	527.50	33.33	560.83
<u>Graduate Students</u>			
<u>On-Campus Programs</u>			
Resident	263.25	44.44	307.69
Nonresident	443.00	44.44	487.44
<u>Off-Campus Programs</u>			
Resident	295.50	44.44	339.94
Nonresident	478.50	44.44	522.94

* Part-time tuition charges for all student categories are derived from the full-time rate and are directly related to the number of credit hours taken. For tuition calculation purposes, the full-time undergraduate semester rate is divided by 12 credit hours and the full-time graduate student semester rate is divided by nine hours.

VIRGINIA TECH

SPRING 2003 TUITION RECOMMENDATIONS

	Current Rates for 2002-03	Proposed Change Spring 2003	Proposed Rates for 2002-03
<u>School Personnel</u>			
<u>Rate per Credit Hour</u>			
Undergraduate Resident	\$ 76.00	\$ 20.00	\$ 96.00
Graduate Resident	158.00	27.00	185.00

Study Abroad Programs

<u>Rate per Credit Hour</u>			
Undergraduate Resident	\$ 89.00	\$ 23.00	\$ 112.00
Undergraduate Nonresident	369.00	24.00	393.00
Graduate Resident	185.00	31.00	216.00
Graduate Nonresident	310.00	32.00	342.00

Center for European Studies and Architecture

<u>Semester Rates</u>			
Undergraduate Resident	\$ 1,522.00	\$ 400.00	\$ 1,922.00
Undergraduate Nonresident	6,330.00	400.00	6,730.00
Graduate Resident	2,369.50	400.00	2,769.50
Graduate Nonresident	3,987.00	400.00	4,387.00

RECOMMENDATION:

That the proposed increases in the tuition rates be approved, effective Spring Semester 2003.



**2002-2003
OPERATING BUDGET REVISION**

November 11, 2002

OPERATING BUDGET
Fiscal Year 2002-2003
(Dollars in Thousands)

	2002-2003 Adjusted Budget 9-30-02	Second Quarter Changes Round 2	2002-2003 Adjusted Budget
<u>Revenues</u>			
Educational and General			
University Division			
General Fund	\$161,204	(\$15,611) ^(c)	\$145,593
Tuition and Fees	152,431	8,302 ^(d)	160,733
All Other Income	28,315		28,315
Subtotal	341,950	(7,309)	334,641
CE/AES Division			
General Fund	57,048	(6,618) ^(e)	50,430
Federal Funds	14,373		14,373
All Other Income	600		600
Subtotal	72,021	(6,618)	65,403
Total Educational and General	413,971	(13,927)	400,044
Auxiliary Enterprises	126,210	(2,350) ^(f)	123,860
Financial Assistance for E&G Programs ^(a)	138,855	(98) ^(g)	138,757
Student Financial Assistance			
General Fund	10,738	(46) ^(h)	10,692
Nongeneral Fund	2,600	(2,600) ^(h)	0
Total Student Financial Assistance	13,338	(2,646)	10,692
All Other Programs ^(b)	4,665	(139) ⁽ⁱ⁾	4,526
Total	\$697,039	(\$19,160)	\$677,879
<u>Expense</u>			
Educational and General			
University Division	\$341,950	(\$7,309) ^(c,d)	\$334,641
CE/AES Division	72,021	(6,618) ^(e)	65,403
Subtotal	413,971	(13,927)	400,044
Auxiliary Enterprises	126,502		126,502
Financial Assistance for E&G Programs ^(a)	138,855	(98) ^(g)	138,757
Student Financial Assistance	13,338	(2,646) ^(h)	10,692
All Other Programs ^(b)	4,665	(139) ⁽ⁱ⁾	4,526
Total	\$697,331	(\$16,810)	\$680,521
<u>Planned Change in Reserve</u>			
Use of Auxiliary Funds	292	2,350 ^(f)	2,642
Net	\$0	\$0	\$0

OPERATING BUDGET

- (a) Financial Assistance for E&G Programs includes Sponsored Programs and the Eminent Scholars Program.
- (b) All Other Programs include Unique Military Activities, Surplus Property, Local Funds, Federal Work Study, and Alumni Affairs.
- (c) University Division 11.3% Round 2 General Fund reduction of \$17.8M net of \$2.2M reduction prepayment made prior to June 30, 2002.
- (d) \$9.052 M of tuition from \$400 Spring 2003 tuition increase less \$750,000 additional unfunded student financial aid.
- (e) CE/AES 12% Round 2 General Fund reduction of \$6.6M net of \$50,000 prepayment made prior to June 30, 2002.
- (f) The Auxiliary Enterprises will temporarily assist the University through a reduction in University costs. \$2.35M of the auxiliary reserves will be utilized on a one-time basis to offset the revenue reduction.
- (g) The General Fund match for the Eminent Scholar program was reduced by \$97,838 (estimate).
- (h) The General Fund match for the Virginia Graduate/Undergraduate Assistance Program was reduced by \$46,275. While the University's privately funded scholarship awards will continue to students, the Commonwealth's elimination of the VGUAP program eliminates the need to bring the private funds into the University through the Student Financial Aid Program.
- (i) The General Fund for the Unique Military Activities Program was reduced by \$139,287 (estimate).

RECOMMENDATION:

That the proposed use of tuition, reductions, and auxiliary reserves be approved to address reinvestment in University programs and General Fund reductions.

VIRGINIA TECH

FINANCIAL PERFORMANCE REPORT

Operating and Capital Expenditures

July 1, 2002 to September 30, 2000

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 2002-2003 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

1. The annual budget for General Fund revenues includes the direct appropriation to the University and transfers from Central Appropriations. During the first quarter the Commonwealth transferred resources to the University including funding for employee bonuses and health insurance premium increases. During the second quarter the Commonwealth will adjust University allocations for additional Central Fund reductions related to changes in fringe benefit rates.
2. Tuition and Fee revenue is higher than historical projections through the first quarter due to earlier than projected tuition collections.
3. Revenue in All Other Income is higher than projected due to the timing of indirect cost reimbursements into the Educational and General Program.
4. Academic expenditures in the University Division are nominally ahead of historical budget projections; Support expenditures are behind historical budget projections due to a delay in the timing of expenditures.
5. Expenditures for Academic Programs in the Cooperative Extension/Agriculture Experiment Station Division are nominally ahead of historical budget projections and projected bridge financing requirements due to the timing of workforce reductions and resource realignment associated with the budget reductions. Expenditures for Support Programs are less than historical budget projections due to a delay in the timing of expenditures.
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. The annual revenue and expenditure budgets were established based on a 10% target growth in sponsored activity levels. Revenue collections for grants and contracts are higher than projected through the first quarter of this fiscal year due to continued improvement in collection efforts. Expenditures were slightly less than projected, but significantly ahead of 2001-2002 activity levels.
8. Expenses for Student Financial Assistance are higher than projected due to the timing of student financial aid awards. Awards for graduate students are being processed earlier than last year.
9. During the second quarter, the Governor reduced General Fund revenues by \$15,611,210 in the University Division (net of a \$2,200,000 reduction prepayment made prior to June 30, 2002), \$6,618,168 in the Cooperative Extension/Agriculture Experiment Station Division (net of a \$50,000 reduction prepayment made prior to June 30, 2002), \$97,838 in the Eminent Scholar program, \$46,275 in the Virginia Graduate and Undergraduate Assistance Program, \$36,000 in Veterinary Medicine from the Virginia Racing Commission, and \$139,287 for Unique Military Activities. Revenue and expenditure budgets will be reduced accordingly during the second quarter.
10. The projected year-end General Fund revenue budget has been increased by \$210,500 for a transfer from Student Financial Aid to the Educational and General program for assistantships in the Minority Academic Opportunities Program and by \$29,790 for VIVA libraries distribution costs. The corresponding expenditure budgets have been adjusted accordingly.
11. The annual budget for Tuition and Fees has been reduced by \$104,152 to finalize the revenue estimates for the Virginia/Maryland Regional College of Veterinary Medicine. In addition the \$150,000 of projected tuition revenue from the Institute for Distance and Distributed Learning was moved from All Other Income to Tuition and Fees. The corresponding expenditure budgets have been adjusted accordingly.
12. The projected year-end revenue budget for All Other Income has been increased for the finalization of the internal annual operating budget, the continuation of flight instruction for an additional 12 months, and additional income in printing services. The corresponding expenditure budgets have been adjusted accordingly.
13. The General Fund revenue budget for the Cooperative Extension/Agriculture Experiment Station Division has been increased to reflect a revised estimate of the central appropriations transfer associated with revisions in statewide fringe benefit rates. The corresponding expenditure budgets have been adjusted accordingly.
14. 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, 2003. The corresponding expenditure budgets have been adjusted accordingly.
15. The annual budget for Sponsored Programs was increased by \$55,000 based on a revised projection of revenue for the College Plates program.
16. The projected year-end revenue and expense budgets for Student Financial Aid were reduced by \$210,500 for the transfer from Student Financial Aid to the Educational and General program for assistantships in the Minority Academic Opportunities Program. Budgets were increased by \$600,000 for a revision in the estimated private funds available for the Virginia Graduate and Undergraduate Assistance Program.

OPERATING BUDGETS
2002-2003 Fiscal Year

Dollars in Thousands

	July 1, 2002 to September 30, 2002			Annual Budget for 2002-2003		
	Actual	Budget	Change	Original	Adjusted	Change
Educational and General Programs						
<u>University Division</u>						
<u>Revenues</u>						
- General Fund	\$167,579 (1)	\$167,579 (1)	\$0	\$160,963	\$161,204	\$241 (9,10,16)
- Tuition and Fees	73,319	71,067	2,252 (2)	152,385	152,431	46 (11)
- All Other Income	7,432	7,061	371 (3)	28,096	28,315	219 (11,12)
Total Revenues	\$248,330	\$245,707	\$2,623	\$341,444	\$341,950	\$506
<u>Expenses</u>						
- Academic Programs	\$-64,663	\$-64,365	\$-298 (4)	\$-218,721	\$-219,044	\$-323 (9,10,11,12,16)
- Support Programs	-31,367	-31,920	553 (4)	-122,723	-122,906	-183 (9,10,11,12)
Total Expenses	\$-96,030	\$-96,285	\$255	\$-341,444	\$-341,950	\$-506
NET	\$152,300	\$149,422	\$2,878	\$0	\$0	\$0
<u>CE/AES Division</u>						
<u>Revenues</u>						
- General Fund	\$56,903	\$56,903	\$0	\$56,788	\$57,048	\$260 (9,13)
- Federal Appropriation	3,732	3,672	60	13,317	14,373	1,056 (14)
- All Other Income	134	143	-9	600	600	0
Total Revenues	\$60,769	\$60,718	\$51	\$70,705	\$72,021	\$1,316
<u>Expenses</u>						
- Academic Programs	\$-20,616	\$-20,369	\$-247 (5)	\$-66,591	\$-67,818	\$-1,227 (9,13,14)
- Support Programs	-1,441	-1,644	203 (5)	-4,114	-4,203	-89 (9,13,14)
Total Expenses	\$-22,057	\$-22,013	\$-44	\$-70,705	\$-72,021	\$-1,316
NET	\$38,712	\$38,705	\$7	\$0	\$0	\$0
<u>Auxiliary Enterprises</u>						
Revenues	\$50,165	\$48,934	\$1,231 (6)	\$124,034	\$126,210	\$2,176 (6)
Expenses	-31,152	-32,414	1,262 (6)	-122,419	-126,502	-4,083 (6)
Reserve Drawdown (Deposit)	-19,013	-16,520	-2,493 (6)	-1,615	292	1,907 (6)
NET	\$0	\$0	\$0	\$0	\$0	\$0
<u>Sponsored Programs</u>						
Revenues	\$38,767	\$36,227	\$2,540 (7)	\$138,800	\$138,855	\$55 (9,15)
Expenses	-43,811	-44,759	948 (7)	-138,800	-138,855	-55 (9,15)
Reserve Drawdown (Deposit)	5,044	8,532	-3,488	0	0	0
NET	\$0	\$0	\$0	\$0	\$0	\$0
<u>Student Financial Assistance</u>						
Revenues	\$10,691	\$10,691	\$0	\$12,948	\$13,338	\$390 (9,10,16)
Expenses	-4,367	-4,285	-82 (8)	-12,948	-13,338	-390 (9,10,16)
NET	\$6,324	\$6,406	\$-82	\$0	\$0	\$0
<u>All Other Programs *</u>						
Revenues	\$693	\$744	\$-51	\$4,665	\$4,665	\$0 (9)
Expenses	-899	-876	-23	-4,665	-4,665	0 (9)
Reserve Drawdown (Deposit)	208	132	74	0	0	0
NET	\$0	\$0	\$0	\$0	\$0	\$0
<u>Total University</u>						
Revenues	\$409,415	\$403,021	\$6,394	\$692,596	\$697,039	\$4,443
Expenses	-198,316	-200,632	2,316	-690,981	-697,331	-6,350
Reserve Drawdown (Deposit)	-13,763	-7,856	-5,907	-1,615	292	1,907
NET	\$197,336	\$194,533	\$2,803	\$0	\$0	\$0

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

AUXILIARY ENTERPRISE BUDGET

1. Revenues are higher than projected in Residence and Dining Halls due to higher-than-anticipated dining dollars being deposited into student accounts through the end of the first quarter and new catering revenues collected from providing food service to Lane Stadium's South End Zone club area and suites during football games. Expenses are lower than projected due to salary savings and a delay in the timing of expenditures.
2. Expenses are lower than projected in Telecommunication Services due to turnover and vacancy resulting in salary savings and a delay in the timing of maintenance and renovation expenses.
3. Expenditures are lower than projected in the University Services System due to savings in salary costs and the timing of maintenance and renovation expenses.
4. Revenues are higher than projected in Intercollegiate Athletics due to higher-than-anticipated football season ticket and South End Zone premium seating sales. Revenues collected from ticket handling and internet processing fees were also higher than anticipated due to an increase in number of on-line ticket orders. Expenses are lower than budgeted due to revenue bond interest earnings being utilized to cover a portion of the South End Zone debt service. Any positive variance in the South End Zone budget will be deposited into the stadium reserve to meet bond reserve requirements.
5. Revenues are lower than projected in Electric Service due to the timing of receipts and lower-than-anticipated electric sales. The University will evaluate the need to adjust the revenue and expenditure budgets in the second quarter to match projected sales, if necessary.
6. The Auxiliary Reserve is available as a source of temporary working capital.
7. Revenues are higher than projected in the Donaldson Brown Hotel and Conference Center due to higher-than-anticipated first quarter food and lodging sales as a result of the preseason football contest.
8. The projected year-end budget was increased for outstanding 2001-2002 commitments and projects that were initiated but not completed before June 30, 2002.
9. The projected annual expenditure and reserve drawdown budgets for Parking and Transportation Services were adjusted to accommodate the conversion of a bond anticipation loan to a permanent drawdown of reserves for the renovation of the Coliseum Lot.
10. The projected annual revenue, expenditure, and reserve drawdown budgets for Intercollegiate Athletics were adjusted to accommodate higher-than-anticipated sales and multi-media revenue, adjustments to personnel costs, additional women's basketball expenses, additional equipment, a heating system for Worsham Field, and participation in the 2002 Hispanic College Fund Classic Preseason game.
11. The projected annual revenue, expenditure, and reserve drawdown budgets in the Other Enterprise Functions were adjusted to more accurately plan for the estimated transfer of licensing revenues to the Athletic Department and to reflect revenues collected from Coca Cola in accordance with the University's pouring rights contract.

**UNIVERSITY DIVISION
AUXILIARY ENTERPRISES**

Dollars in Thousands

	July 1, 2002 to September 30, 2002			Annual Budget for 2002-2003		
	Actual	Budget	Change	Original	Adjusted	Change
Residence and Dining Halls						
Revenues	\$16,598	\$16,178	\$420 (1)	\$44,327	\$44,327	\$0
Expenses	-10,863	-11,341	478 (1)	-44,252	-44,899	-647 (8)
Reserve Drawdown (Deposit)	-5,735	-4,837	-898	-75	572	647 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Parking and Transportation						
Revenues	\$1,835	\$1,760	\$75	\$3,952	\$3,952	\$0
Expenses	-920	-902	-18	-3,885	-4,745	-860 (8,9)
Reserve Drawdown (Deposit)	-915	-858	-57	-67	793	860 (8,9)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Telecommunications Services						
Revenues	\$4,949	\$4,946	\$3	\$14,083	\$14,083	\$0
Expenses	-2,469	-2,630	161 (2)	-14,169	-14,271	-102 (8)
Reserve Drawdown (Deposit)	-2,480	-2,316	-164	86	188	102 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
University Services System						
Revenues	\$6,986	\$7,074	\$-88	\$17,142	\$17,142	\$0
Expenses	-3,960	-4,314	354 (3)	-17,182	-17,339	-157 (8)
Reserve Drawdown (Deposit)	-3,026	-2,760	-266	40	197	157 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Intercollegiate Athletics						
Revenues	\$13,023	\$12,203	\$820 (4)	\$21,730	\$22,725	\$995 (10)
Expenses	-6,594	-6,776	182 (4)	-19,689	-21,595	-1,906 (8,10)
Reserve Drawdown (Deposit)	-6,429	-5,427	-1,002	-2,041	-1,130	911 (8,10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Electric Service						
Revenues	\$2,978	\$3,178	\$-200 (5)	\$15,053	\$15,053	\$0
Expenses	-3,998	-4,045	47	-15,343	-15,718	-375 (8)
Reserve Drawdown (Deposit)	1,020	867	153 (6)	290	665	375 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Donaldson Brown Hotel and Conference Center						
Revenues	\$1,018	\$879	\$139 (7)	\$3,732	\$3,732	\$0
Expenses	-832	-797	-35	-3,739	-3,753	-14 (8)
Reserve Drawdown (Deposit)	-186	-82	-104	7	21	14 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Other Enterprise Functions						
Revenues	\$2,778	\$2,716	\$62	\$4,015	\$5,196	\$1,181 (11)
Expenses	-1,516	-1,609	93	-4,160	-4,182	-22 (8,11)
Reserve Drawdown (Deposit)	-1,262	-1,107	-155	145	-1,014	-1,159 (8,11)
Net	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL AUXILIARIES						
Revenues	\$50,165	\$48,934	\$1,231	\$124,034	\$126,210	\$2,176
Expenses	-31,152	-32,414	1,262	-122,419	-126,502	-4,083
Reserve Drawdown (Deposit)	-19,013	-16,520	-2,493	-1,615	292	1,907
Net	\$0	\$0	\$0	\$0	\$0	\$0

CAPITAL OUTLAY BUDGET

Educational and General Projects

1. The project total budget and cumulative expenses reflect the appropriations available for fiscal year 2003. The annual budget was adjusted because the state froze 50 percent of the fiscal year 2003 allocation and because some expenses budgeted in fiscal year 2002 will be processed in fiscal year 2003.
2. Blanket Authorizations allow unforeseen renovation needs within \$500,000 to be authorized administratively for expediency. The following projects have been completed in blanket authorizations: Laundry Facility Renovation, Print Shop Renovation, Airport Terminal, Richardson Property Acquisition, Architecture Demo Phase II, Fiber Optics Facility, Tidewater Property Acquisition, and Tidewater Building Acquisition.
3. The project is complete and will be closed when final payments are processed. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.
4. This project will provide space for administrative units currently housed in Burruss Hall and Southgate Center. The project includes two components. The Student Services building is under construction with an estimated completion date of December 2002. The Southgate Center Addition is complete. The project is administered under an alternative financing authorization in which the Virginia Tech Foundation will build the facilities. Because of this arrangement, all project expenses will be recorded in the Foundation instead of the University. To date, expenses for the project total \$4,945,661.
5. The project is complete and will be closed when final payments are processed. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.
6. This project is complete and will be closed when final payments are processed. The total project cost is expected to be \$9,439,200. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.

The project is under construction with an estimated completion date of January 2003. The total project cost is expected to be \$2.1 million. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.
8. The project is complete and outstanding items with the contractor continue to defer closing the project. Thus, the annual budget was adjusted to reflect an estimated closing date in fiscal year 2003. The total project cost is expected to be \$1.670 million.
9. This project will provide state-of-the-art teaching laboratories, faculty offices, and lecture hall space. The project is under construction with an estimated completion date of January 2004. The total project cost is expected to be \$26.774 million because of bid savings. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.

This project is to replace outdated facilities at the Dairy Cattle Center with state-of-the-art instructional and research areas. The project is under construction with an estimated completion date of November 2003.
11. The project will replace a condemned wing of the existing facility. The project is under construction with an estimated completion date of February 2003.
12. This comprehensive project addresses health and safety issues throughout campus such as fire alarm systems, air quality, and access for persons with disabilities. This project includes multiple items in various phases of design and construction.
13. This project will build a facility that will replace the outdated facilities in Henderson Hall. The project is in the bid process with an estimated completion date of February 2004.
14. This project will build a research building for the Bioinformatics program. The project is under construction with an estimated completion date of September 2003.
15. The project is complete and will be closed when final payments are processed. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.
16. This project will renovate existing space in Hancock Hall to provide research laboratories for the materials engineering program. The project is under construction with an estimated completion date of February 2003. The annual budget was adjusted to reflect shifting the majority of the construction schedule to fiscal year 2003 because of unforeseen building conditions.
17. This project will provide a presentation arena. The project is in the working drawing phase with an estimated bid date of March 2003 and an estimated completion date of February 2004.
18. Project close out is deferred until the sale of the prior Winchester property; sale proceeds will be used to reimburse \$650,000 of expenses in the project currently covered by overhead funds. In addition to the state authorized expenditure of \$2,814,000, the University has incurred an additional \$13,099 of sale-of-property-related expenses temporarily covered by overhead funds and \$20,875 of project-related expenses temporarily covered by local funds. If the sales proceeds from the land are sufficient, funds will be utilized to cover these incremental expenses. If not, the temporary funding sources will permanently cover those costs.
19. This project became effective July 1, 2002 and includes the construction of a federally funded laboratory located near the Brooks Center.
20. This project will build a second biological and computational research building located adjacent to the phase I building. The project design was completed as part of the phase I project budget and is currently out for bids. This construction authorization became effective July 1, 2002.

2002 General Obligation Bond Program

21. This project envisions a state-of-the-art laboratory facility to support plant science teaching and research. Working drawings have been completed under an existing planning authorization and the project is ready to bid when funding is available.
22. This project is envisioned to build a 47,000 gross square foot laboratory building to support microbiology research.
23. This project is to 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 to initiate planning.

CAPITAL OUTLAY PROJECTS
AUTHORIZED AS OF SEPTEMBER 30, 2002
(\$000)

	CURRENT YEAR			TOTAL PROJECT BUDGET					
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Educational and General Projects</u>									
Maintenance Reserve	\$ 3,167	\$ 2,950	\$ 464	\$ 2,950	\$ 0	\$ 0	\$ 2,950	\$ 464	(1)
Blanket Authorizations	0	0	0	0	14,000	0	14,000	4,115	(2)
Dry Rendering Facility	153	256	81	595	423	1,648	2,666	2,491	(3)
Student Services Building	2,709	2,709	0	0	9,680	0	9,680	0	(4)
Torgersen Hall	0	105	0	14,449	12,500	0	26,949	26,844	(5)
Shanks Hall and Shultz Hall Conversion	0	311	20	0	9,982	0	9,962	9,148	(6)
Addition to Cheatham Hall	870	1,406	336	0	2,471	0	2,471	1,030	(7)
Airport Taxiway Construction	0	275	0	0	3,129	0	3,129	1,395	(8)
Chemistry/Physics - Phase II	13,970	16,159	2,454	23,431	3,763	0	27,194	6,878	(9)
Dairy Science Facilities	3,179	3,179	4	5,343	0	0	5,343	459	(10)
Hampton Roads Wing Replacement	789	789	183	1,345	83	0	1,428	412	(11)
Health, Safety, and Accessibility	1,962	1,962	248	2,500	0	0	2,500	534	(12)
Career Services Facility	2,474	2,474	7	0	0	4,608	4,608	358	(13)
Bioinformatics Building - Phase I	15,484	15,484	1,300	0	0	21,864	21,864	3,998	(14)
Geotechnical Research Laboratory	100	568	190	0	880	0	880	502	(15)
Microelectronics Laboratories	607	1,303	54	0	1,600	0	1,800	551	(16)
Multipurpose Livestock Arena	1,909	1,909	7	1,900	1,818	0	3,718	81	(17)
Winchester Office and Laboratory Complex	0	0	0	2,123	691	0	2,814	2,814	(18)
Fisheries and Aquatics Research Center	56	56	0	0	600	0	600	0	(19)
Bioinformatics Building Phase II	7,421	7,421	0	20,436	0	0	20,436	0	(20)
TOTAL	54,850	59,316	5,348	75,072	62,020	28,120	165,212	62,074	
<u>2002 General Obligation Bond Program</u>									
Agriculture & Natural Resources Research Laboratory	5,516	5,516	67	24,535	256	0	24,791	1,525	(21,32)
Biology Building	749	749	0	14,263	0	4,000	18,263	0	(22,32)
Building Construction Learning Laboratory	249	249	0	2,500	5,000	0	7,500	0	(23,32)
Classroom Improvements, Phase I	340	340	0	4,530	0	0	4,530	0	(24,32)
Cowgill Hall HVAC and Power	377	377	0	7,500	0	0	7,500	0	(25,32)
Lifton-Reeves Hall Exterior Repairs	282	282	0	2,500	0	0	2,500	0	(26,32)
Main Campus Chilled Water Central Plant	76	76	0	2,800	0	0	2,800	0	(27,32)
Henderson Hall and Fine Arts Center	973	973	0	6,542	2,235	20,000	28,777	0	(28,32)
Williams, Agnew, & Burruss Renovation	4,760	4,760	14	10,500	652	0	11,152	452	(29,32)
Vivarium Facility	567	567	0	12,000	0	4,750	16,750	0	(30,32)
VTICT, Phase I	1,313	1,313	0	13,996	0	17,000	30,996	0	(31,32)
TOTAL	15,222	15,222	81	101,666	8,143	45,750	155,559	1,977	

CAPITAL OUTLAY BUDGET (continued)

24. This project is envisioned to update about 46,500 gross square feet of the most out-of-date general assignment classrooms on campus.
25. This project is envisioned to update the building's power and HVAC infrastructure to support modern instructional technology.
26. This project is envisioned to repair existing precast concrete panels that are failing and may eventually cause the building to be unuseable.
27. This project is envisioned to provide cooling capacity to the north zone of campus to support several new construction and renovation projects.
28. This project is envisioned to renovate Henderson Hall to house the School of the Arts program and to construct a state-of-the-art performance theatre.
29. The project envisions the renovation of Williams Hall, Agnew Hall, and Part of Burruss Hall for state-of-the-art instructional space. The Williams Hall component is under construction with a budget of \$5.701 million including \$4.566 million of VCBA Bonds and \$482,000 of General Fund. The project includes \$652,000 of nongeneral fund authorization for the Williams Hall component as a placeholder until the 2002 General Obligation Bond referendum; if the referendum does not pass, this funding will become permanent. The Agnew and Burruss components are pending approval of the 2002 General Obligation Bond referendum.
30. This project is envisioned to build a state-of-the-art animal care facility to support various research programs.
31. This project is envisioned to build a state-of-the-art multidisciplinary research laboratory facility.
32. The annual budget is based on the project being effective November 5, 2002. The annual budget may need to be adjusted in the future depending on the state's actual implementation schedule of the bond program.

Auxiliary Enterprises Projects

1. Projects are scheduled and funded by the auxiliary enterprises during the annual Auxiliary Enterprise Budgeting Process. The total budget and expense amounts reflect the authorization available for the 2002-2004 biennium. The annual budget was adjusted to reflect actual authorizations available for fiscal year 2003.
2. Blanket Authorizations allow unforeseen renovation needs within \$500,000 to be authorized administratively for expediency. This blanket currently has no active project authorizations. The following Auxiliary projects have been completed in this blanket: four Telecommunications Upgrade projects for the residence halls, Hillcrest Renovations, Owens Parapet, and Planning for the Coliseum Roof Repair.
3. Individual repair projects for this appropriation have been completed over several years. The remaining project balance will be used as appropriate projects are identified.
4. Several parking improvement projects have been completed in this authorization. The project includes \$203,000 of General Fund because a portion of the Stormwater Management project was consolidated with the Stadium Parking project. The annual budget reflects work for four improvement projects. The outstanding project budget balance is envisioned for parking structures that are on hold.
5. The project is complete and will be closed when final payments are processed. The total project cost is expected to be \$11,080,000 or slightly less depending on final bills. The annual budget was adjusted to reflect project closeout moving to fiscal year 2003.
6. This project will expand the existing North campus substation to support continuing core campus development. Construction is underway with an estimated completion date of March 2003. The project cost is expected to be \$2,992,000. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.
7. This project will build about 187,000 gross square feet to support alumni, continuing education, and hotel programs. Working drawings are in process with an estimated bid date of January 2003 and an estimated completion date of February 2005.
8. This project was envisioned to build a new clubhouse and driving range; the project is on hold pending the relocation of the golf course holes.
9. Phase I, South End Zone, is complete and the total cost is expected to be \$34.565 million. Phase II, West Side Stands, is in the working drawing process. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.

This project is to install electronic access systems in the 19 residence halls constructed prior to 1983. The project will be implemented in three phases. Phases I and II are complete. Phase III will be implemented in fiscal year 2003. The annual budget was adjusted because expenses budgeted for fiscal year 2002 will be processed in fiscal year 2003.

This project is to construct a new residence hall of approximately 256 beds along with office spaces for residential services and judicial affairs. Preliminary programming has been completed to establish site and utilities coordination with the Career Services project. The annual budget was adjusted because expenses budgeted for fiscal year 2002 will be processed in fiscal year 2003.

This project will build a new electric service facility located off campus consisting of service and storage areas for trucks and equipment. The project is under construction with an estimated completion date of October 2003.
13. This project will develop additional field areas and support structures for use by the intramural sports program. The new fields are complete and the support facilities are under construction with an estimated completion date of January 2003. The annual budget was adjusted because bills expected from the contractor in fiscal year 2002 will be processed in fiscal year 2003.
14. This project became effective July 1, 2002 and is envisioned to modernize the servery of the second floor of Dietrick dining hall. Preliminary programming is underway.
15. This project became effective July 1, 2002 and is envisioned to build dining, student activity, meeting, and classroom space. The project is on hold pending site location and thus the annual budget was adjusted.
16. This project became effective July 1, 2002 and is envisioned to expand the existing student center by adding dining, student activity, meeting, and classroom space. Preliminary programming is underway.

Capital Outlay Projects Authorized as of September 30, 2002 (Continued)

	CURRENT YEAR			TOTAL PROJECT					
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Auxiliary Enterprises Projects</u>									
Maintenance Reserve	\$ 2,800	\$ 3,103	\$ 989	\$ 0	\$ 5,903	\$ 0	\$ 5,903	\$ 989	(1)
Auxiliary Enterprise Blanket Authorizations	0	0	0	0	7,500	0	7,500	2,691	(2)
Major Repairs-Dorm/Dining System	0	0	0	0	288	8,577	8,865	8,125	(3)
Parking Auxiliary Projects	939	939	215	203	220	26,899	27,322	6,949	(4)
Special Purpose Housing - Phase III	0	124	1	0	660	10,658	11,318	10,957	(5)
Substation Expansion	690	2,230	573	0	0	3,800	3,800	1,335	(6)
Alumni/CEC/Hotel Complex	6,849	6,849	298	0	25,099	20,732	45,831	2,200	(7)
Golf Course Facilities	0	0	0	0	1,500	0	1,500	0	(8)
Expand Lane Stadium - Phases I and II	5,580	8,312	4,376	0	11,000	82,800	93,800	30,629	(9)
Improve Security Access in Residence Halls	520	762	91	0	1,366	0	1,366	695	(10)
New Residence Hall	0	16	2	0	1,041	15,000	16,041	86	(11)
Electric Service Facility	2,529	2,529	45	0	251	2,749	3,000	239	(12)
Recreation Fields	273	829	14	0	1,529	0	1,529	714	(13)
Dietrick Servery/HVAC, Phase II	326	326	0	0	0	5,000	5,000	0	(14)
Dining and Student Union Facility	316	0	0	0	0	6,250	6,250	0	(15)
G. Burke Johnston Student Center Addition	316	316	0	0	0	6,250	6,250	0	(16)
TOTAL	21,138	26,335	6,604	203	56,357	188,715	245,275	65,609	
GRAND TOTAL	\$ 91,210	\$ 100,873	\$ 12,033	\$ 176,941	\$ 126,520	\$ 262,585	\$ 566,046	\$ 129,660	

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, 2002 through September 30, 2002 and the Capital Outlay report be accepted.

PRATT FUNDS ACTIVITY STATEMENT
For the Year Ended June 30, 2002
ENGINEERING

Income

Balance, July 1, 2001	\$ 217,090	
Pratt Fund Income for 01-02	795,000	
Special Endowment Allocation	400,000	
Interest Earned on Cash Balances	<u>5,795</u>	
 Total Available		 \$1,417,885

Expenditures

Undergraduate Scholarships	\$ 390,463	
Undergraduate Study Abroad Scholarships	22,924	
Graduate Fellowships	200,246	
Graduate Tuition Scholarships	18,157	
Graduate Recruitment	13,179	
Faculty International Research Travel	51,528	
Research Initiatives	<u>296,637</u>	
 Total Expenditures		 \$993,134

Balance at June 30, 2002 to be carried to 2002-03	\$ 424,751
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RECOMMENDATION:

That the 2001-02 Pratt Funds Activities Statement for the College of Engineering be approved.

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 2001-2002, the Pratt fund supported the following engineering programs: undergraduate scholarships, graduate fellowships, and faculty research.

Undergraduate Study Abroad

Budgeted: \$25,000

Spent: \$22,924

- This year Pratt funds provided partial funding in the amount of \$1,571 to support 30 students in Industrial & Systems Engineering participating in a working exchange with 26 French engineering students from Ecole des Mines de Nantes (EMN), France. EMN students and faculty traveled to Virginia Tech January 19-26, 2002. During the week in Blacksburg the students collaborated on 10 industrial design projects for US companies. All team members participated in a project progress presentation at the end of the week. Pratt funding was used for student related expenses including lodging and food expenses while in Blacksburg.

Partial travel scholarships were provided to 14 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, 12 students and 2 faculty from Loughborough visited Virginia Tech for one week to finalize their projects. Pratt funding supported student expenses in the amount of \$4,996, which included lodging, transportation and food during the exchange. The majority of expenses for this program were funded by a grant from Boeing.

Three Industrial & Systems Engineering students and one faculty traveled to Puerto Rico in October, 2001 to collaborate on design projects with students from Polytechnic University of Puerto Rico, San Juan. The Pratt Income Account funded student travel expenses totaling \$2,864.

Pratt funds in the amount of \$8,000 supported 15 General Engineering students during a first-year scholarship program, Enhanced Engineering Design and Problem Solving. Funding was used to provide round-trip air travel to the Virginia Tech Center for European Studies and Architecture in Riva San Vitale, Switzerland. This class is designed for academically advanced freshman engineering students to allow them to complete the required Engineering Fundamentals 1015 and 1016 courses in the summer. The international component of the course at CESA introduced students to the global aspects of the engineering profession. Students studied issues that affect engineering practice both in the United States and Europe.

The following student scholarships were awarded from Pratt funds in 2001-02 to help fund travel expenses prior to study abroad.

- One Chemical and one Electrical & Computer Engineering student-study in Germany \$1,585
- One Industrial & Systems Engineering student-study in Hungary \$620
- One Electrical & Computer Engineering student-study in Switzerland \$788
- One Aerospace Engineering student-study in Japan \$1000
- One Electrical & Computer Engineering student-study in Singapore \$1500

Undergraduate Scholarships

Budgeted: \$375,000

Spent: \$390,463

The Pratt fund allows us to offer \$2,000 Marshall Hahn Scholarships to entering freshmen. In 2001-2002, we supported 141 incoming freshman students on Marshall Hahn Scholarships totaling \$282,000. 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 48 undergraduate scholarships totaling \$108,463.

Graduate Fellowships and Graduate Tuition Scholarships

Budgeted: \$250,000

Total Spent: \$218,403

Graduate Fellowships

Each engineering department receives a portion of the Pratt fund to use for graduate student support. In 2001-2002, 69 students received Pratt Fellowships ranging from \$250/month to \$500/month. These fellowships supplement existing assistantships and allow us to offer competitive packages to graduate students who are aggressively recruited by other top engineering colleges. Spent: \$200,246

Graduate Tuition Scholarships

Engineering departments also receive Pratt funds to use as tuition scholarships for graduate students. In 2001-2002, 12 students received scholarships ranging from \$527.63 - \$3550.50. Combined with assistantships and the supplemental Pratt Fellowships, the support package we offer prospective graduate students allows our College to better compete with other top graduate engineering programs. Spent: \$18,157

Graduate Recruitment

Budgeted: \$56,000

Spent: \$13,179

In 2001-2002, 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. This year funding for this event was provided from other sources thereby saving Pratt funds for other programs.

Faculty International Research Travel

Budgeted: \$50,000

Spent: \$51,528

Our faculty is frequently invited to present papers or chair sessions at international conferences. Pratt funds supplement the University's supplemental grants program and departmental funds for foreign travel. Thirty-eight faculty received support from the Pratt fund to attend international conferences. This international visibility promotes our contacts for teaching, research, and student exchange programs.

Discretionary Research Support

Budgeted: \$39,000

Spent: \$0

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 PhD candidates who are working in the thematic areas of Information Infrastructures, Sustainable Society, Lifelong Learning, and Embedded Energy. During the 2002 fiscal year, ARI faculty and students conducted sponsored research having a total value exceeding \$12 million, including a significant amount of collaborated work with colleagues at the Blacksburg campus.

Microelectronics

Renovation of Hancock Hall for the new microelectronics laboratory began during the spring semester and is presently significantly underway. The Pratt funds for microelectronics have contributed largely to the purchase, transport and storage of semiconductor fabrication tools that will be contained inside the clean rooms of this new laboratory facility. 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 ERC's in the United States.

Energy and Advanced Vehicles

A wide range of research activities have 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.

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 Sciences. This new school will provide collaborative education and research activities that have a great potential to attract significant funding from the National Institutes for Health. The new school has proposed a joint PhD degree to the State Council for Higher Education in Virginia.

PRATT FUNDS ACTIVITY STATEMENT
For the Year Ended June 30, 2002
ANIMAL NUTRITION

Income

Balance, July 1, 2001	\$ 283,099	
2001-02 Endowment Income	985,737	
Sale of Cattle Previously Purchased for Pratt Projects	<u>206,690</u>	
Total Available		\$1,475,526

Expenditures

General Program Expenditures		
Graduate Students	\$ 325,462	
Undergraduate Instruction	226,727	
Scientific Equipment/Tech/Research Renov.	347,404	
Visiting Scholars/Scientific Reprints/Misc.	<u>14,628</u>	
Total Budgeted Expenditures	\$ 914,221	
Cattle Projects Expenses	<u>208,039</u>	
Total Expenditures		\$ 1,122,260
Balance at June 30, 2002 to be carried to 2002-03		\$ 353,266

RECOMMENDATION:

That the 2001-02 Pratt Funds Activities Statement for Animal Nutrition 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 FY02 was \$914,221 for the continuing program. The main categories of expenditures were as follows:

Graduate Students, Stipends and Research Allowance	35.6%
Undergraduate Scholarship and MAOP Interns	24.8%
Scientific Equipment/Technicians/Research Renovations	38.0%
Visiting Scientists/Scientific Reprints/Misc. Admin.	1.6%

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 scholars 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, a gas chromatograph system, equipment for forage analysis, dairy center equipment to record feed consumption, equipment for yeast genetics research, bone mineral content measuring equipment, equipment for new program in molecular biology, and a crumbler in the feed mill.

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.

Visitors this year were as follows:

Dr. Randy Baldwin – Growth Biology Lab, USDA, Beltsville, Maryland
Dr. Rick Kohn – Associate Professor, University of Maryland

Summary

Approximately \$350,000 in equipment money was carried over to FY03 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
100,000	Equipment for new Dairy Center
165,000	Equipment approved but not yet purchased

MINUTES

STUDENT AFFAIRS COMMITTEE OF THE BOARD OF VISITORS

142-A McComas Hall

9:00 a.m.

November 11, 2002

Present: Mr. Ronald Petera
Mr. Brian Montgomery
Mr. Joseph Wampler

Absent: Mr. Bruce Smith

Visitors: Mr. Bill Campion, Mr. Steve Clarke, Dr. Landrum Cross, Dr. Benjamin Dixon, Mr. Mark Hunter, Dr. Bob Miller, Ms. Erin O'Neill, Dr. Dave Ostroth, Ms. Donna Sanzenbach, Dr. Ed Spencer, Dr. Brian Warren

1. **Opening remarks and approval of August 26, 2002, minutes.** Mr. Ronald Petera, Chair, provided opening remarks and submitted the minutes of the August 26, 2002, Student Affairs Committee meeting to the committee for review and approval.
2. **Update on College Alcohol Abuse Prevention Center.** Mr. Steve Clarke, Director of the College Alcohol Abuse Prevention Center, provided an update on the center and their programs aimed at preventing alcohol abuse by Virginia Tech students. After experiencing significant increases in alcohol consumption between 1998 and 1999, there have been significant decreases in alcohol consumption from 1999 to 2002. There was a 12 percent decrease in at-risk drinking (5+ alcoholic beverages in a sitting) and a 60 percent reduction in high-risk drinking (8+ alcoholic beverages for men, 6+ for women in a sitting). In addition, there were significant decreases in the percentage of students who experienced alcohol-related negative outcomes.

New initiatives in 2001 and 2002 included: a) increased efforts at reaching freshman with alcohol abuse prevention messages; b) increased enforcement efforts by both Virginia Tech and Blacksburg Police; c) development of new education efforts that targeted alcohol overdose, alcohol laws and policies, and motivating student involvement in alcohol abuse prevention issues; and d) completion of a study on the relation between campus violence and alcohol use. Initiatives planned for 2002 – 2003 include: a) a redesign of the alcohol web site; b) review of current efforts by the planning committee; c) development of a new

foundational plan for alcohol abuse prevention efforts; and d) development of new alcohol abuse prevention efforts in the athletic department.

The future mission of the Center was also discussed. This mission is to develop and implement cutting edge technology-based alcohol abuse prevention efforts that include web-based and computer-based technologies. Funding for this initiative is being explored.

Before moving to the next agenda item, Mr. Petera asked Dr. Landrum Cross, Vice President for Student Affairs, to comment on the up-coming selection process for the undergraduate and graduate student representatives to the Board. Dr. Cross reported that the selection process will begin after Thanksgiving, with the distribution of applications, and conclude at the March Board meeting with the finalists interviewing with the Selection Committee on March 9, 2003.

3. **Briefing on the Proposed Commission on Equal Opportunity and Diversity.** Dr. Benjamin Dixon, Vice President for Multicultural Affairs, briefed the committee on a resolution to amend the University Council Constitution, adding a new Commission on Equal Opportunity and Diversity. The new commission is charged with oversight of policy and issues related to diversity, equal opportunity, and compliance. It will assist in monitoring progress toward goals in the Diversity Strategic Plan and the University Strategic Plan, and it will give institutional visibility to these important issues. The commission will replace two advisory committees which will be dissolved. The resolution has been approved by University Council and will be presented to the full Board for approval at the afternoon meeting.
4. **Update on Recreational Sports and Tour of Facilities.** Mr. Bill Campion, Director of Recreational Sports, updated the committee on usage data for McComas Hall and the crowded conditions of the weight room during peak usage periods. Comparative data regarding ethnicity, class, gender, and resident status was presented. Examples of suggestions received in the suggestion program were presented. Peak usage hours were also discussed. The presentation concluded with a tour of the Recreational Sports facility.

**256 McComas Hall
11:00 a.m.**

5. **Briefing on Schiffert Health Center and Cook Counseling Center and Tour of Facilities.** Dr. Brian Warren, Director of the Health and Counseling Centers, provided a brief overview of their programs and facilities. Recent programs and

issues were discussed, including the centers' use of technology, recent participation in a national depression screening, wellness programs, and accreditation issues. Following the overview, a walking tour of their facilities was provided.

6. Adjournment

There being no further business, the meeting adjourned at 11:45 a.m.

**VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN ¹**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	3	1	2	5	9	4	1	4	5	2
WOMEN	0	2	4	9	5	6	4	4	3	0
TOTAL	3	3	6	14	14	10	5	8	8	2
ARCHITECTURE AND URBAN STUDIES										
MEN	4	1	5	9	13	10	15	9	2	2
WOMEN	2	0	0	6	2	6	5	6	1	1
TOTAL	6	1	5	15	15	16	20	15	3	3
ARTS AND SCIENCES										
MEN	19	32	19	26	25	28	20	26	26	16
WOMEN	19	18	19	24	19	26	30	35	32	18
TOTAL	38	50	38	50	44	54	50	61	58	34
BUSINESS										
MEN	17	14	17	15	21	16	15	18	14	13
WOMEN	4	7	7	7	14	6	9	4	6	7
TOTAL	21	21	24	22	35	22	24	22	20	20
EDUCATION										
MEN	3	1	1	1	0	0	0	0	0	0
WOMEN	1	3	3	2	0	0	0	0	0	0
TOTAL	4	4	4	3	0	0	0	0	0	0
ENGINEERING										
MEN	30	20	24	30	65	35	44	39	30	30
WOMEN	5	6	2	6	14	4	7	4	6	3
TOTAL	35	26	26	36	79	39	51	43	36	33
HUMAN RESOURCES AND EDUCATION										
MEN	1	3	1	6	5	2	2	6	4	4
WOMEN	1	1	2	2	1	0	1	9	15	6
TOTAL	2	4	3	8	6	2	3	15	19	10
INTERDISCIPLINARY										
MEN	3	2	1	1	1	2	2	29	37	32
WOMEN	7	7	2	13	15	8	4	20	15	20
TOTAL	10	9	3	14	16	10	6	49	52	52
NATURAL RESOURCES										
MEN	30	56	20	41	30	26	12	1	2	2
WOMEN	12	12	7	12	18	15	13	0	2	2
TOTAL	42	68	27	53	48	41	25	1	4	4
UNIVERSITY TOTALS										
MEN	110	130	90	134	169	123	111	137	120	101
WOMEN	51	56	46	81	88	71	73	84	80	57
TOTAL	161	186	136	215	257	194	184	221	200	158

¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

**VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES ²**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	12	17	13	11	7	7	5	5	7	9
WOMEN	11	23	20	18	22	20	14	14	14	19
TOTAL	23	40	33	29	29	27	19	19	21	28
ARCHITECTURE AND URBAN STUDIES										
MEN	8	12	11	17	17	28	26	23	15	15
WOMEN	4	0	1	7	3	16	11	9	1	4
TOTAL	12	12	12	24	20	44	37	32	16	19
ARTS AND SCIENCES										
MEN	97	86	84	86	105	86	86	87	115	104
WOMEN	110	101	82	90	99	101	81	87	109	95
TOTAL	207	187	166	176	204	187	167	174	224	199
BUSINESS										
MEN	55	47	59	41	52	82	62	63	66	56
WOMEN	43	30	35	32	41	39	36	32	54	31
TOTAL	98	77	94	73	93	121	98	95	120	87
EDUCATION										
MEN	10	9	3	1	0	0	0	0	0	0
WOMEN	16	7	7	0	0	0	0	0	0	0
TOTAL	26	16	10	1	0	0	0	0	0	0
ENGINEERING										
MEN	107	119	116	124	144	159	145	137	155	101
WOMEN	28	25	28	23	39	50	36	28	23	31
TOTAL	135	144	144	147	183	209	181	165	178	132
HUMAN RESOURCES AND EDUCATION										
MEN	9	13	11	11	12	25	16	21	16	9
WOMEN	28	24	38	53	53	60	36	53	76	54
TOTAL	37	37	49	64	65	85	52	74	92	63
INTERDISCIPLINARY										
MEN	67	86	70	81	49	36	42	30	53	86
WOMEN	31	39	30	29	31	29	17	16	22	27
TOTAL	98	125	100	110	80	65	59	46	75	113
NATURAL RESOURCES										
MEN	8	10	16	4	8	9	4	3	3	2
WOMEN	3	6	4	4	7	4	1	0	3	1
TOTAL	11	16	20	8	15	13	5	3	6	3
UNIVERSITY TOTALS										
MEN	373	399	383	376	394	432	386	369	430	382
WOMEN	274	255	245	256	295	319	232	239	302	262
TOTAL	647	654	628	632	689	751	618	608	732	644

² Effective Fall 1996, totals for Education are reflected in Human Resources and Education

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS ³

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	29	33	38	43	35	23	18	17	11	15
WOMEN	27	47	28	39	38	45	34	35	24	31
TOTAL	56	80	66	82	73	68	52	52	35	46
ARCHITECTURE AND URBAN STUDIES										
MEN	24	17	23	30	15	25	38	20	18	29
WOMEN	9	13	13	6	14	14	25	15	12	13
TOTAL	33	30	36	36	29	39	63	35	30	42
ARTS AND SCIENCES										
MEN	239	282	215	184	192	202	201	176	192	225
WOMEN	295	285	224	242	195	225	206	201	234	228
TOTAL	534	567	439	426	387	427	407	377	426	453
BUSINESS										
MEN	119	123	112	112	110	128	159	120	155	150
WOMEN	84	90	74	79	75	99	81	94	107	100
TOTAL	203	213	186	191	185	227	240	214	262	250
EDUCATION										
MEN	22	38	17	13	0	0	0	0	0	0
WOMEN	35	27	12	7	0	0	0	0	0	0
TOTAL	57	65	29	20	0	0	0	0	0	0
ENGINEERING										
MEN	243	254	239	252	217	244	240	214	261	218
WOMEN	56	56	53	47	53	49	49	55	42	44
TOTAL	299	310	292	299	270	293	289	269	303	262
HUMAN RESOURCES AND EDUCATION										
MEN	38	29	40	30	31	45	45	45	58	38
WOMEN	109	98	97	106	90	131	106	99	132	140
TOTAL	147	127	137	136	121	176	151	144	190	178
INTERDISCIPLINARY										
MEN	11	12	7	8	12	5	4	10	11	9
WOMEN	5	1	4	5	4	3	4	8	6	5
TOTAL	16	13	11	13	16	8	8	18	17	14
NATURAL RESOURCES										
MEN	19	18	16	14	8	15	14	6	10	10
WOMEN	16	14	14	10	10	10	9	4	7	6
TOTAL	35	32	30	24	18	25	23	10	17	16
UNIVERSITY TOTALS										
MEN	744	806	707	686	620	687	719	608	716	694
WOMEN	636	631	519	541	479	576	514	511	564	567
TOTAL	1380	1437	1226	1227	1099	1263	1233	1119	1280	1261

³ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

**VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS ⁴**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	28	36	40	33	39	34	44	40	37	21
WOMEN	27	23	35	28	43	55	55	44	61	26
TOTAL	55	59	75	61	82	89	99	84	98	47
ARCHITECTURE AND URBAN STUDIES										
MEN	71	46	25	33	54	55	59	46	50	35
WOMEN	28	32	13	20	33	25	26	27	28	27
TOTAL	99	78	38	53	87	80	85	73	78	62
ARTS AND SCIENCES										
MEN	261	282	214	211	275	268	287	307	323	290
WOMEN	220	253	213	178	253	259	252	262	295	236
TOTAL	481	535	427	389	528	527	539	569	618	526
BUSINESS										
MEN	149	162	134	123	174	210	252	299	335	349
WOMEN	79	89	90	65	112	115	152	161	188	175
TOTAL	228	251	224	188	286	325	404	460	523	524
EDUCATION										
MEN	29	35	31	15	0	0	0	0	0	0
WOMEN	19	25	22	9	0	0	0	0	0	0
TOTAL	48	60	53	24	0	0	0	0	0	0
ENGINEERING										
MEN	310	356	331	308	373	378	428	421	436	428
WOMEN	62	80	64	52	78	68	79	69	88	75
TOTAL	372	436	395	360	451	446	507	490	524	503
HUMAN RESOURCES AND EDUCATION										
MEN	46	39	32	48	81	69	67	86	100	103
WOMEN	104	100	94	102	165	180	157	200	192	185
TOTAL	150	139	126	150	246	249	224	286	292	288
INTERDISCIPLINARY										
MEN	0	0	1	0	0	0	0	4	0	0
WOMEN	0	0	1	0	1	0	0	1	0	0
TOTAL	0	0	2	0	1	0	0	5	0	0
NATURAL RESOURCES										
MEN	22	31	20	28	25	29	28	13	15	8
WOMEN	12	24	12	8	7	17	13	13	8	6
TOTAL	34	55	32	36	32	46	41	26	23	14
UNIVERSITY TOTALS										
MEN	916	987	828	799	1021	1043	1165	1216	1296	1234
WOMEN	551	626	544	462	692	719	734	777	860	730
TOTAL	1467	1613	1372	1261	1713	1762	1899	1993	2156	1964

⁴ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

**VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES ¹**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	72	89	94	93	90	68	68	66	60	47
WOMEN	67	96	89	97	109	128	108	98	102	76
TOTAL	139	185	183	190	199	196	176	164	162	123
ARCHITECTURE AND URBAN STUDIES										
MEN	110	76	64	89	100	119	138	98	85	81
WOMEN	43	45	27	39	53	61	68	59	42	46
TOTAL	153	121	91	128	153	180	206	157	127	127
ARTS AND SCIENCES										
MEN	628	693	544	509	603	593	598	606	656	641
WOMEN	657	675	551	540	573	622	580	603	670	584
TOTAL	1285	1368	1095	1049	1176	1215	1178	1209	1326	1225
BUSINESS										
MEN	341	349	325	291	357	439	489	503	570	568
WOMEN	211	216	207	185	249	264	282	294	355	314
TOTAL	552	565	532	476	606	703	771	797	925	882
EDUCATION										
MEN	68	85	53	31	0	0	0	0	0	0
WOMEN	72	62	47	18	0	0	0	0	0	0
TOTAL	140	147	100	49	0	0	0	0	0	0
ENGINEERING										
MEN	690	750	710	715	799	817	858	814	882	780
WOMEN	151	167	147	128	185	172	172	158	159	154
TOTAL	841	917	857	843	984	989	1030	972	1041	934
HUMAN RESOURCES AND EDUCATION										
MEN	98	83	84	90	126	141	131	158	178	154
WOMEN	250	229	233	277	323	382	306	366	415	386
TOTAL	348	312	317	367	449	523	437	524	593	540
INTERDISCIPLINARY										
MEN	165	196	145	175	130	111	103	103	101	151
WOMEN	108	112	83	88	85	76	79	67	43	77
TOTAL	273	308	228	263	215	187	182	170	144	228
NATURAL RESOURCES										
MEN	50	63	54	52	46	55	48	25	30	22
WOMEN	32	45	32	25	25	31	24	17	20	15
TOTAL	82	108	86	77	71	86	72	42	50	37
UNIVERSITY TOTALS										
MEN	2222	2384	2073	2045	2251	2343	2433	2409	2562	2444
WOMEN	1591	1647	1416	1397	1602	1736	1619	1662	1806	1652
TOTAL	3813	4031	3489	3442	3853	4079	4052	4071	4368	4096

¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

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

COLLEGE	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE TECHNOLOGY – FIRST YEAR										
MEN	0	1	3	0	3	0	1	1	3	2
WOMEN	0	0	1	0	0	0	0	0	0	0
TOTAL	0	1	4	0	3	0	1	1	3	2
AGRICULTURE TECHNOLOGY – SECOND YEAR										
MEN	41	38	26	35	40	28	36	35	43	27
WOMEN	5	7	4	3	3	4	5	0	3	7
TOTAL	46	45	30	38	43	32	41	35	46	34
UNIVERSITY TOTALS										
MEN	41	39	29	35	43	28	37	36	46	29
WOMEN	5	7	5	3	3	4	5	0	3	7
TOTAL	46	46	34	38	46	32	42	36	49	36

VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES ⁵

COLLEGE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AGRICULTURE AND LIFE SCIENCES										
MEN	59	65	33	38	12	16	16	13	12	13
WOMEN	33	35	22	20	8	9	7	12	16	11
TOTAL	92	100	55	58	20	25	23	25	28	24
ARCHITECTURE AND URBAN STUDIES										
MEN	54	46	35	40	45	56	27	36	41	44
WOMEN	31	38	26	21	35	32	29	33	38	38
TOTAL	85	84	61	61	80	88	56	69	79	82
ARTS AND SCIENCES										
MEN	153	181	86	69	58	52	41	49	68	34
WOMEN	93	95	48	53	31	46	19	37	30	28
TOTAL	246	276	134	122	89	98	60	86	98	62
BUSINESS										
MEN	127	87	83	95	95	80	68	58	35	27
WOMEN	51	65	59	59	40	44	53	52	32	37
TOTAL	178	152	142	154	135	124	121	110	67	64
EDUCATION										
MEN	101	100	76	74	0	0	0	0	0	0
WOMEN	219	196	183	144	0	0	0	0	0	0
TOTAL	320	296	259	218	0	0	0	0	0	0
ENGINEERING										
MEN	609	610	302	252	174	101	103	142	137	119
WOMEN	84	105	62	58	25	20	25	26	25	29
TOTAL	693	715	364	310	199	121	128	168	162	148
HUMAN RESOURCES AND EDUCATION										
MEN	16	16	8	14	103	70	89	62	68	67
WOMEN	43	30	29	34	162	142	155	126	163	148
TOTAL	59	46	37	48	265	212	244	188	231	215
INTERDISCIPLINARY										
MEN	0	0	0	1	0	0	0	0	42	0
WOMEN	1	0	0	0	0	0	0	0	24	0
TOTAL	1	0	0	1	0	0	0	0	66	0
NATURAL RESOURCES										
MEN	46	65	28	17	11	10	11	9	14	5
WOMEN	3	18	4	11	4	3	1	3	18	2
TOTAL	49	83	32	28	15	13	12	12	32	7
VETERINARY MEDICINE GRAD AND PH.D.										
MEN	5	3	5	12	9	5	2	5	6	5
WOMEN	14	11	6	8	4	3	0	4	8	6
TOTAL	19	14	11	20	13	8	2	9	14	11
UNIVERSITY TOTALS										
MEN	1170	1173	656	612	507	390	357	374	423	314
WOMEN	572	593	439	408	309	299	289	293	354	299
TOTAL	1742	1766	1095	1020	816	689	646	667	777	613

⁵ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

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

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
VETERINARY MEDICINE – FIRST YEAR										
MEN	0	0	0	0	0	0	0	1	0	0
WOMEN	0	0	0	0	0	0	0	1	0	0
TOTAL	0	0	0	0	0	0	0	2	0	0
VETERINARY MEDICINE – SECOND YEAR										
MEN	0	1	0	0	0	0	0	1	0	0
WOMEN	2	0	0	0	0	0	0	1	0	0
TOTAL	2	1	0	0	0	0	0	2	0	0
VETERINARY MEDICINE – THIRD YEAR										
MEN	1	0	0	0	0	0	0	0	7	1
WOMEN	0	1	1	0	0	1	0	1	14	0
TOTAL	1	1	1	0	0	1	0	1	21	1
VETERINARY MEDICINE – FOURTH YEAR										
MEN	20	18	22	25	19	23	28	18	14	19
WOMEN	55	58	53	54	62	55	59	62	51	68
TOTAL	75	76	75	79	81	78	87	80	65	87
UNIVERSITY TOTALS										
MEN	21	19	22	25	19	23	28	20	21	20
WOMEN	57	59	54	54	62	56	59	65	65	68
TOTAL	78	78	76	79	81	79	87	85	86	88

**VIRGINIA TECH FIRST SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS^{1,2}**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	172	193	156	166	145	112	121	115	118	89
WOMEN	105	138	116	120	120	141	120	110	121	94
TOTAL	277	331	272	286	265	253	241	225	240	183
ARCHITECTURE AND URBAN STUDIES										
MEN	164	122	99	129	145	175	165	134	126	125
WOMEN	74	83	53	60	88	93	97	92	80	84
TOTAL	238	205	152	189	233	268	262	226	206	209
ARTS AND SCIENCES										
MEN	781	874	630	578	661	645	639	655	740	675
WOMEN	750	770	599	593	604	668	599	640	732	612
TOTAL	1531	1644	1229	1171	1265	1313	1238	1295	1472	1287
BUSINESS										
MEN	468	436	408	386	452	519	557	561	607	595
WOMEN	262	281	266	244	289	308	335	346	389	351
TOTAL	730	717	674	630	741	827	892	907	996	946
EDUCATION										
MEN	169	185	129	105	0	0	0	0	0	0
WOMEN	291	258	230	162	0	0	0	0	0	0
TOTAL	460	443	359	267	0	0	0	0	0	0
ENGINEERING										
MEN	1299	1360	1012	967	973	918	961	956	1021	899
WOMEN	235	272	209	186	210	192	197	184	184	183
TOTAL	1534	1632	1221	1153	1183	1110	1158	1140	1205	1082
HUMAN RESOURCES AND EDUCATION										
MEN	114	99	92	104	229	211	220	220	248	221
WOMEN	293	259	262	311	485	524	461	492	580	534
TOTAL	407	358	354	415	714	735	681	712	828	755
INTERDISCIPLINARY										
MEN	165	196	145	176	130	111	103	34	175	151
WOMEN	109	112	83	88	85	76	79	20	97	77
TOTAL	274	308	228	264	215	187	182	54	272	228
NATURAL RESOURCES										
MEN	96	128	82	69	57	65	59	103	44	27
WOMEN	35	63	36	36	29	34	25	67	41	17
TOTAL	131	191	118	105	86	99	84	170	85	44
VETERINARY MEDICINE GRAD AND PH.D.										
MEN	26	22	27	37	28	28	30	25	27	25
WOMEN	71	70	60	62	66	59	59	69	73	74
TOTAL	97	92	87	99	94	87	89	94	100	99
UNIVERSITY TOTALS										
MEN	3454	3615	2780	2717	2820	2784	2855	2803	3106	2807
WOMEN	2225	2306	1914	1862	1976	2095	1972	2020	2298	2026
TOTAL	5679	5921	4694	4579	4796	4879	4827	4823	5404	4833

¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

² Totals include Special Undergraduate Enrollment

VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN¹

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	1	1	3	3	7	3	1	3	4	0
WOMEN	0	3	5	6	4	5	3	4	4	2
TOTAL	1	4	8	9	11	8	4	7	8	2
ARCHITECTURE AND URBAN STUDIES										
MEN	2	4	5	7	10	10	16	6	4	0
WOMEN	2	0	1	5	1	5	11	3	1	1
TOTAL	4	4	6	12	11	15	27	9	5	1
ARTS AND SCIENCES										
MEN	25	28	30	21	23	31	23	32	26	11
WOMEN	17	14	20	30	19	36	24	43	28	9
TOTAL	42	42	50	51	42	67	47	75	54	20
BUSINESS										
MEN	10	10	15	13	21	14	16	13	17	11
WOMEN	10	9	4	4	15	5	8	8	2	4
TOTAL	20	19	19	17	36	19	24	21	19	15
EDUCATION										
MEN	5	1	0	1	0	0	0	0	0	0
WOMEN	1	2	1	1	0	0	0	0	0	0
TOTAL	6	3	1	2	0	0	0	0	0	0
ENGINEERING										
MEN	46	23	21	59	38	31	46	53	47	33
WOMEN	11	4	5	6	8	5	4	7	7	12
TOTAL	57	27	26	65	46	36	50	60	54	45
HUMAN RESOURCES AND EDUCATION										
MEN	2	0	1	2	7	5	4	4	4	2
WOMEN	4	3	2	5	6	3	4	8	10	6
TOTAL	6	3	3	7	13	8	8	12	14	8
INTERDISCIPLINARY										
MEN	58	49	29	24	32	22	7	27	31	29
WOMEN	17	14	11	10	11	14	6	17	15	12
TOTAL	75	63	40	34	43	36	13	44	46	41
NATURAL RESOURCES										
MEN	4	3	0	4	2	2	0	1	2	1
WOMEN	2	2	1	3	1	1	2	1	2	1
TOTAL	6	5	1	7	3	3	2	2	4	2
UNIVERSITY TOTALS										
MEN	153	119	104	134	140	118	113	139	135	87
WOMEN	64	51	50	70	65	74	62	91	69	47
TOTAL	217	170	154	204	205	192	175	230	204	134

¹ Effective Fall 1996, total for Education are reflected in Human Resources and Education

VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES ¹

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	10	9	4	4	7	7	2	5	9	6
WOMEN	13	10	7	12	12	9	8	6	8	8
TOTAL	23	19	11	16	19	16	10	11	17	14
ARCHITECTURE AND URBAN STUDIES										
MEN	5	6	9	21	13	21	28	27	7	4
WOMEN	3	3	5	6	2	12	14	8	3	3
TOTAL	8	9	14	27	15	33	42	35	10	7
ARTS AND SCIENCES										
MEN	66	57	53	79	80	87	49	56	74	53
WOMEN	57	51	39	47	53	68	45	61	67	57
TOTAL	123	108	92	126	133	155	94	117	141	110
BUSINESS										
MEN	31	39	48	32	29	49	34	37	50	35
WOMEN	23	15	31	17	21	22	18	15	29	15
TOTAL	54	54	79	49	50	71	52	52	79	50
EDUCATION										
MEN	7	4	3	2	0	0	0	0	0	0
WOMEN	11	5	7	0	0	0	0	0	0	0
TOTAL	18	9	10	2	0	0	0	0	0	0
ENGINEERING										
MEN	73	92	78	116	118	99	104	122	91	92
WOMEN	28	23	21	19	25	30	19	26	21	29
TOTAL	101	115	99	135	143	129	123	148	112	121
HUMAN RESOURCES AND EDUCATION										
MEN	6	11	4	7	5	14	12	9	7	5
WOMEN	17	12	10	21	18	28	14	22	33	26
TOTAL	23	23	14	28	23	42	26	31	40	31
INTERDISCIPLINARY										
MEN	61	73	52	36	34	34	31	43	44	70
WOMEN	24	28	12	11	23	22	9	11	21	22
TOTAL	85	101	64	47	57	56	40	54	65	92
NATURAL RESOURCES										
MEN	5	10	7	5	4	6	5	1	2	5
WOMEN	2	5	5	1	4	1	0	1	2	2
TOTAL	7	15	12	6	8	7	5	2	4	7
UNIVERSITY TOTALS										
MEN	264	301	258	302	290	317	265	300	284	270
WOMEN	178	152	137	134	158	192	127	150	184	162
TOTAL	442	453	395	436	448	509	392	450	468	432

¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

**VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS ⁶**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	19	26	28	21	19	12	11	12	5	10
WOMEN	19	28	24	19	24	26	20	18	14	26
TOTAL	38	54	52	40	43	38	31	30	19	36
ARCHITECTURE AND URBAN STUDIES										
MEN	13	13	15	24	15	19	27	14	7	15
WOMEN	7	6	7	5	10	17	10	9	8	8
TOTAL	20	19	22	29	25	36	37	23	15	23
ARTS AND SCIENCES										
MEN	179	212	157	125	152	151	133	150	139	155
WOMEN	193	191	147	158	118	148	127	132	159	134
TOTAL	372	403	304	283	270	299	260	282	298	289
BUSINESS										
MEN	98	94	75	80	73	113	73	87	104	78
WOMEN	68	81	46	58	59	67	49	53	53	53
TOTAL	166	175	121	138	132	180	122	140	157	131
EDUCATION										
MEN	22	23	15	7	0	0	0	0	0	0
WOMEN	28	20	6	6	0	0	0	0	0	0
TOTAL	50	43	21	13	0	0	0	0	0	0
ENGINEERING										
MEN	193	192	203	210	170	213	174	151	186	169
WOMEN	36	40	41	42	44	39	35	32	30	31
TOTAL	229	232	244	252	214	252	209	183	216	200
HUMAN RESOURCES AND EDUCATION										
MEN	13	10	24	17	28	35	28	37	30	25
WOMEN	59	62	54	50	54	111	48	63	90	81
TOTAL	72	72	78	67	82	146	76	100	120	106
INTERDISCIPLINARY										
MEN	13	12	6	10	10	7	3	5	14	9
WOMEN	5	0	3	4	3	4	2	5	3	2
TOTAL	18	12	9	14	13	11	5	10	17	11
NATURAL RESOURCES										
MEN	17	17	11	8	6	11	11	4	9	5
WOMEN	17	11	9	7	9	5	6	2	2	10
TOTAL	34	28	20	15	15	16	17	6	11	15
UNIVERSITY TOTALS										
MEN	567	599	534	502	473	561	460	460	494	466
WOMEN	432	439	337	349	321	417	297	314	359	345
TOTAL	999	1038	871	851	794	978	757	774	853	811

⁶ Effective Fall 1996, totals for Education are reflected in Human Resources and Education.

VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS¹

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	18	30	25	15	25	21	27	25	23	14
WOMEN	29	25	26	15	24	26	34	29	33	20
TOTAL	47	55	51	30	49	47	61	54	56	34
ARCHITECTURE AND URBAN STUDIES										
MEN	43	28	27	19	40	46	26	33	31	16
WOMEN	23	19	10	9	22	16	10	14	8	11
TOTAL	66	47	37	28	62	62	36	47	39	27
ARTS AND SCIENCES										
MEN	214	209	142	148	210	248	220	268	234	237
WOMEN	189	159	145	128	176	201	164	178	184	168
TOTAL	403	368	287	276	386	449	384	446	418	405
BUSINESS										
MEN	121	123	93	110	155	151	152	194	181	210
WOMEN	61	78	66	52	91	92	80	109	108	120
TOTAL	182	201	159	162	246	243	232	303	289	330
EDUCATION										
MEN	29	35	24	15	0	0	0	0	0	0
WOMEN	13	31	22	11	0	0	0	0	0	0
TOTAL	42	66	46	26	0	0	0	0	0	0
ENGINEERING										
MEN	253	293	287	272	319	348	356	364	380	362
WOMEN	50	77	58	50	44	72	63	72	58	65
TOTAL	303	370	345	322	363	420	419	436	438	427
HUMAN RESOURCES AND EDUCATION										
MEN	25	25	23	18	44	55	40	60	62	56
WOMEN	58	69	69	51	88	126	128	152	103	118
TOTAL	83	94	92	69	132	181	168	212	165	174
INTERDISCIPLINARY										
MEN	0	0	1	0	0	0	0	2	3	0
WOMEN	0	0	0	0	2	0	0	0	0	0
TOTAL	0	0	1	0	2	0	0	2	3	0
NATURAL RESOURCES										
MEN	13	25	10	21	20	20	11	11	19	9
WOMEN	8	11	15	4	6	4	7	3	7	6
TOTAL	21	36	25	25	26	24	18	14	26	15
UNIVERSITY TOTALS										
MEN	716	768	632	618	813	889	832	957	933	904
WOMEN	431	469	411	320	453	537	486	557	501	508
TOTAL	1147	1237	1043	938	1266	1426	1318	1514	1434	1412

¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education.

VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES¹

COLLEGE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AGRICULTURE AND LIFE SCIENCES										
MEN	48	66	60	43	58	43	41	45	41	30
WOMEN	63	66	63	54	64	66	67	58	59	56
TOTAL	111	132	123	97	122	109	108	103	100	86
ARCHITECTURE AND URBAN STUDIES										
MEN	63	51	56	71	79	97	97	80	49	35
WOMEN	35	28	23	25	36	50	45	35	20	23
TOTAL	98	79	79	96	115	147	142	115	69	58
ARTS AND SCIENCES										
MEN	493	510	388	380	471	522	429	512	473	460
WOMEN	465	424	361	374	370	463	364	425	438	370
TOTAL	958	934	749	754	841	985	793	937	911	830
BUSINESS										
MEN	261	267	233	237	279	332	276	333	352	334
WOMEN	163	185	150	132	188	188	155	187	192	193
TOTAL	424	452	383	369	467	520	431	520	544	527
EDUCATION										
MEN	65	65	44	25	0	0	0	0	0	0
WOMEN	53	59	38	18	0	0	0	0	0	0
TOTAL	118	124	82	43	0	0	0	0	0	0
ENGINEERING										
MEN	565	601	589	657	645	692	681	692	704	659
WOMEN	125	144	125	117	121	147	122	138	116	137
TOTAL	690	745	714	774	766	839	803	830	820	796
HUMAN RESOURCES AND EDUCATION										
MEN	46	46	52	44	84	109	84	110	103	88
WOMEN	139	147	136	129	168	268	196	245	236	233
TOTAL	185	193	188	173	252	377	280	355	339	321
INTERDISCIPLINARY										
MEN	178	176	117	116	109	105	61	104	92	127
WOMEN	80	84	60	57	71	77	47	64	39	61
TOTAL	258	260	177	173	180	182	108	168	131	188
NATURAL RESOURCES										
MEN	39	55	28	38	32	39	28	17	32	20
WOMEN	29	29	30	15	21	11	15	7	13	19
TOTAL	68	84	58	53	53	50	43	24	45	39
UNIVERSITY TOTALS										
MEN	1758	1837	1567	1611	1757	1939	1697	1893	1846	1753
WOMEN	1152	1166	986	921	1039	1270	1011	1159	1113	1092
TOTAL	2910	3003	2553	2532	2796	3209	2708	3052	2959	2845

¹ Effective Fall 1996, total for Education are reflected in Human Resources and Education

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

COLLEGE	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE TECHNOLOGY – FIRST YEAR										
MEN	0	1	0	0	0	0	0	0	0	0
WOMEN	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	0	0	0	0	0	0	0
AGRICULTURE TECHNOLOGY – SECOND YEAR										
MEN	0	38	0	0	0	0	0	0	0	1
WOMEN	0	7	0	0	0	0	0	0	0	0
TOTAL	0	45	0	0	0	0	0	0	0	1
UNIVERSITY TOTALS										
MEN	0	39	0	0	0	0	0	0	0	1
WOMEN	0	7	0	0	0	0	0	0	0	0
TOTAL	0	46	0	0	0	0	0	0	0	1

**VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES¹**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	56	59	32	37	21	13	11	17	10	11
WOMEN	41	38	19	21	10	10	10	16	16	11
TOTAL	97	97	51	58	31	23	21	33	26	22
ARCHITECTURE AND URBAN STUDIES										
MEN	34	23	24	19	26	35	23	24	23	29
WOMEN	28	18	22	9	24	20	21	23	29	20
TOTAL	62	41	46	28	50	55	44	47	52	49
ARTS AND SCIENCES										
MEN	120	149	61	50	34	29	21	41	45	35
WOMEN	74	88	44	39	24	21	27	29	28	31
TOTAL	194	237	105	89	58	50	48	70	73	66
BUSINESS										
MEN	90	67	62	66	65	54	22	23	10	10
WOMEN	43	43	40	35	32	33	8	15	10	11
TOTAL	133	110	102	101	97	87	30	38	20	21
EDUCATION										
MEN	149	140	95	96	0	0	0	0	0	0
WOMEN	322	275	199	176	0	0	0	0	0	0
TOTAL	471	415	294	272	0	0	0	0	0	0
ENGINEERING										
MEN	542	555	264	231	131	119	92	124	121	104
WOMEN	83	112	68	60	28	30	23	28	19	16
TOTAL	625	667	332	291	159	149	115	152	140	120
HUMAN RESOURCES AND EDUCATION										
MEN	11	11	10	8	126	113	88	83	90	81
WOMEN	44	31	22	14	178	189	160	197	201	126
TOTAL	55	42	32	22	304	302	248	280	291	207
INTERDISCIPLINARY										
MEN	0	1	1	0	0	0	0	0	0	0
WOMEN	0	0	0	0	0	0	0	0	0	1
TOTAL	0	1	1	0	0	0	0	0	0	1
NATURAL RESOURCES										
MEN	44	63	28	21	3	12	9	6	7	4
WOMEN	3	15	2	10	4	4	0	2	3	0
TOTAL	47	78	30	31	7	16	9	8	10	4
VETERINARY MEDICINE GRAD AND PH.D.										
MEN	5	9	5	16	11	10	3	6	7	4
WOMEN	16	16	9	11	8	10	4	11	5	4
TOTAL	21	25	14	27	19	20	7	17	12	8
UNIVERSITY TOTALS										
MEN	1051	1077	582	544	417	385	269	324	313	278
WOMEN	654	636	425	375	308	317	253	321	311	220
TOTAL	1705	1713	1007	919	725	702	522	645	624	498

¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

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

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
VETERINARY MEDICINE – FIRST YEAR										
MEN	0	0	0	0	0	0	0	1	0	0
WOMEN	0	0	0	0	0	0	0	1	0	0
TOTAL	0	0	0	0	0	0	0	2	0	0
VETERINARY MEDICINE – SECOND YEAR										
MEN	0	0	0	0	0	0	0	2	0	0
WOMEN	1	0	0	0	0	0	0	1	0	0
TOTAL	1	0	0	0	0	0	0	3	0	0
VETERINARY MEDICINE – THIRD YEAR										
MEN	0	0	0	0	0	0	0	0	0	0
WOMEN	0	0	0	0	0	0	0	1	0	0
TOTAL	0	0	0	0	0	0	0	1	0	0
VETERINARY MEDICINE – FOURTH YEAR										
MEN	20	20	22	25	19	24	27	21	21	20
WOMEN	55	57	55	55	62	55	57	61	65	68
TOTAL	75	77	77	80	81	79	84	82	86	88
UNIVERSITY TOTALS										
MEN	20	20	22	25	19	24	27	24	21	20
WOMEN	56	57	55	55	62	55	57	64	65	68
TOTAL	76	77	77	80	81	79	84	88	86	88

VIRGINIA TECH SECOND SUMMER SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS ^{1 2}

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	104	125	92	80	79	56	52	62	51	42
WOMEN	104	104	82	75	74	76	77	74	76	67
TOTAL	208	229	174	155	153	132	129	136	127	109
ARCHITECTURE AND URBAN STUDIES										
MEN	97	74	80	90	105	132	120	104	72	64
WOMEN	63	46	45	34	60	70	66	58	49	43
TOTAL	160	120	125	124	165	202	186	162	121	107
ARTS AND SCIENCES										
MEN	613	659	449	430	505	551	450	553	525	496
WOMEN	539	512	405	413	394	484	391	454	468	401
TOTAL	1152	1171	854	843	899	1035	841	1007	993	897
BUSINESS										
MEN	351	334	295	303	344	386	298	356	364	344
WOMEN	206	228	190	167	220	221	163	202	205	204
TOTAL	557	562	485	470	564	607	461	558	569	548
EDUCATION										
MEN	214	205	139	121	0	0	0	0	0	0
WOMEN	375	334	237	194	0	0	0	0	0	0
TOTAL	589	539	376	315	0	0	0	0	0	0
ENGINEERING										
MEN	1107	1156	853	888	776	811	773	816	828	763
WOMEN	208	256	193	177	149	177	145	166	136	153
TOTAL	1315	1412	1046	1065	925	988	918	982	964	916
HUMAN RESOURCES AND EDUCATION										
MEN	57	57	62	52	210	222	172	193	193	169
WOMEN	183	178	158	143	346	457	356	442	440	359
TOTAL	240	235	220	195	556	679	528	635	633	528
INTERDISCIPLINARY										
MEN	178	177	118	116	109	105	61	104	110	127
WOMEN	80	84	60	57	71	77	47	64	62	62
TOTAL	258	261	178	173	180	182	108	168	172	189
NATURAL RESOURCES										
MEN	83	118	56	59	35	51	37	23	39	24
WOMEN	32	44	32	25	25	15	15	9	17	19
TOTAL	115	162	88	84	60	66	52	32	56	43
VETERINARY MEDICINE GRAD AND PH.D.										
MEN	25	29	27	41	30	34	30	30	28	24
WOMEN	72	73	64	66	70	65	61	75	70	72
TOTAL	97	102	91	107	100	99	91	105	98	96
UNIVERSITY TOTALS										
MEN	2829	2934	2171	2180	2193	2348	1993	2241	2210	2053
WOMEN	1862	1859	1466	1351	1409	1642	1321	1544	1523	1380
TOTAL	4691	4793	3637	3531	3602	3990	3314	3785	3733	3433

¹ Totals include Special Undergraduate enrollment

² Effective Fall 1996, totals for Education are reflected in Human Resources and Education

**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN⁷**

COLLEGE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AGRICULTURE AND LIFE SCIENCES										
MEN	113	111	150	141	143	119	105	83	80	69
WOMEN	150	186	228	240	223	198	197	167	176	161
TOTAL	263	297	378	381	366	317	302	250	256	230
ARCHITECTURE AND URBAN STUDIES										
MEN	113	121	148	145	152	162	153	148	139	123
WOMEN	57	57	74	61	62	63	89	77	69	81
TOTAL	170	178	222	206	214	225	242	225	208	204
ARTS AND SCIENCES										
MEN	610	639	799	787	825	828	909	840	816	666
WOMEN	764	821	870	864	868	854	896	930	820	638
TOTAL	1374	1460	1669	1651	1693	1682	1805	1770	1636	1304
BUSINESS										
MEN	338	328	356	447	561	531	493	451	458	444
WOMEN	234	252	302	303	323	356	325	325	299	324
TOTAL	572	580	658	750	884	887	818	776	757	768
EDUCATION										
MEN	35	25	18	0	0	0	0	0	0	0
WOMEN	36	25	19	0	0	0	0	0	0	0
TOTAL	71	50	37	0	0	0	0	0	0	0
ENGINEERING										
MEN	887	786	725	1372	1342	1260	1321	1101	1030	982
WOMEN	202	149	168	266	260	246	241	228	225	183
TOTAL	1089	935	893	1638	1602	1506	1562	1329	1255	1165
HUMAN RESOURCES AND EDUCATION										
MEN	21	31	34	53	57	56	43	55	32	103
WOMEN	182	222	184	221	269	240	271	266	223	329
TOTAL	203	253	218	274	326	296	314	321	255	432
INTERDISCIPLINARY										
MEN	840	805	944	623	615	482	544	656	819	794
WOMEN	427	460	543	521	503	433	493	543	560	528
TOTAL	1267	1265	1487	1144	1118	915	1037	1199	1379	1322
NATURAL RESOURCES										
MEN	102	116	102	97	83	72	73	71	59	77
WOMEN	66	67	60	50	51	41	41	45	30	28
TOTAL	168	183	162	147	134	113	114	116	89	105
UNIVERSITY TOTALS										
MEN	3059	2962	3276	3665	3778	3510	3641	3405	3433	3258
WOMEN	2118	2239	2448	2526	2559	2431	2553	2581	2402	2272
TOTAL	5177	5201	5724	6191	6337	5941	6194	5986	5835	5530

⁷ Effective Fall 1998, totals for Education are reflected in Human Resources and Education

VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES⁸

COLLEGE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AGRICULTURE AND LIFE SCIENCES										
MEN	127	145	129	156	129	109	111	86	92	75
WOMEN	122	140	172	205	184	189	162	135	141	157
TOTAL	249	285	301	361	313	298	273	221	233	232
ARCHITECTURE AND URBAN STUDIES										
MEN	107	109	144	162	133	132	159	159	150	194
WOMEN	38	44	57	86	64	63	71	81	72	124
TOTAL	145	153	201	248	197	195	230	240	222	318
ARTS AND SCIENCES										
MEN	726	678	664	800	807	798	698	793	776	724
WOMEN	863	821	791	862	781	774	718	730	806	602
TOTAL	1589	1499	1455	1662	1588	1572	1416	1523	1582	1326
BUSINESS										
MEN	332	330	359	447	433	458	500	439	450	455
WOMEN	245	212	271	327	276	251	306	230	288	285
TOTAL	577	542	630	774	709	709	806	669	738	740
EDUCATION										
MEN	56	45	35	0	0	0	0	0	0	0
WOMEN	53	40	21	0	0	0	0	0	0	0
TOTAL	109	85	56	0	0	0	0	0	0	0
ENGINEERING										
MEN	804	848	818	1010	1096	1082	943	984	920	917
WOMEN	186	187	150	206	195	201	199	183	170	196
TOTAL	990	1035	968	1216	1291	1283	1142	1167	1090	1113
HUMAN RESOURCES AND EDUCATION										
MEN	42	51	54	97	115	101	99	91	89	125
WOMEN	247	239	278	342	352	346	310	348	367	462
TOTAL	289	290	332	439	467	447	409	439	456	587
INTERDISCIPLINARY										
MEN	338	428	390	253	219	245	192	264	317	366
WOMEN	174	204	184	197	179	168	149	197	199	203
TOTAL	512	632	574	450	398	413	341	461	516	569
NATURAL RESOURCES										
MEN	108	115	132	125	108	87	92	66	69	72
WOMEN	53	62	68	70	68	43	38	31	44	30
TOTAL	161	177	200	195	176	130	130	97	113	102
UNIVERSITY TOTALS										
MEN	2640	2749	2725	3050	3040	3012	2794	2882	2863	2928
WOMEN	1981	1949	1992	2295	2099	2035	1953	1935	2087	2059
TOTAL	4621	4698	4717	5345	5139	5047	4747	4817	4950	4987

⁸ Effective Fall 1998, totals for Education are reflected in Human Resources and Education

VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS⁹

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	164	157	177	177	154	165	122	107	92	105
WOMEN	132	137	145	185	175	191	163	159	137	123
TOTAL	296	294	322	362	329	356	285	266	229	228
ARCHITECTURE AND URBAN STUDIES										
MEN	144	139	152	150	155	152	151	138	171	193
WOMEN	73	51	61	59	73	68	73	68	82	115
TOTAL	217	190	213	209	228	220	224	206	253	308
ARTS AND SCIENCES										
MEN	932	892	869	856	779	888	823	728	857	762
WOMEN	945	954	948	879	711	764	758	728	762	668
TOTAL	1877	1846	1817	1735	1490	1652	1581	1456	1619	1430
BUSINESS										
MEN	488	454	436	475	430	572	592	568	659	586
WOMEN	313	285	246	314	305	324	327	378	352	390
TOTAL	801	739	682	789	735	896	919	946	1011	976
EDUCATION										
MEN	95	91	60	0	0	0	0	0	0	0
WOMEN	77	68	51	0	0	0	0	0	0	0
TOTAL	172	159	111	0	0	0	0	0	0	0
ENGINEERING										
MEN	940	882	914	894	812	869	866	821	853	840
WOMEN	193	170	156	170	152	160	150	166	153	147
TOTAL	1133	1052	1070	1064	964	1029	1016	987	1006	987
HUMAN RESOURCES AND EDUCATION										
MEN	90	86	124	151	115	152	161	150	152	149
WOMEN	329	360	379	452	369	443	407	343	424	509
TOTAL	419	446	503	603	484	595	568	493	576	658
INTERDISCIPLINARY										
MEN	13	35	25	31	20	11	30	27	15	32
WOMEN	16	13	10	20	11	7	13	10	21	13
TOTAL	29	48	35	51	31	18	43	37	36	45
NATURAL RESOURCES										
MEN	107	138	144	144	113	99	95	83	72	72
WOMEN	66	58	58	66	58	65	45	41	36	55
TOTAL	173	196	202	210	171	164	140	124	108	127
UNIVERSITY TOTALS										
MEN	2973	2874	2901	2878	2578	2908	2840	2622	2871	2739
WOMEN	2144	2096	2054	2145	1854	2022	1936	1893	1967	2020
TOTAL	5117	4970	4955	5023	4432	4930	4776	4515	4838	4759

⁹ Effective Fall 1998, Totals for Education are reflected in Human Resources and Education

VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS¹⁰

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	102	137	134	135	180	177	167	154	135	117
WOMEN	102	114	122	116	183	184	217	209	176	163
TOTAL	204	251	256	251	363	361	384	363	311	280
ARCHITECTURE AND URBAN STUDIES										
MEN	226	184	175	189	238	253	289	275	252	313
WOMEN	112	94	75	74	93	121	138	132	124	171
TOTAL	338	278	250	263	331	374	427	407	376	484
ARTS AND SCIENCES										
MEN	644	691	594	520	729	768	900	883	839	902
WOMEN	548	558	512	499	696	729	746	751	801	661
TOTAL	1192	1249	1106	1019	1425	1497	1646	1634	1640	1563
BUSINESS										
MEN	330	322	317	330	463	522	672	759	765	858
WOMEN	222	227	197	180	306	370	368	389	444	497
TOTAL	552	549	514	510	769	892	1040	1148	1209	1355
EDUCATION										
MEN	89	87	62	0	0	0	0	0	0	0
WOMEN	48	73	53	0	0	0	0	0	0	0
TOTAL	137	160	115	0	0	0	0	0	0	0
ENGINEERING										
MEN	946	983	934	905	1051	1062	1214	1202	1149	1156
WOMEN	160	209	183	170	208	220	247	223	260	227
TOTAL	1106	1192	1117	1075	1259	1282	1461	1425	1409	1383
HUMAN RESOURCES AND EDUCATION										
MEN	67	83	75	149	145	167	177	200	190	187
WOMEN	222	215	268	301	385	427	486	461	418	531
TOTAL	289	298	343	450	530	594	663	661	608	718
INTERDISCIPLINARY										
MEN	0	0	0	0	0	0	0	0	0	0
WOMEN	0	0	0	0	1	0	0	0	0	0
TOTAL	0	0	0	0	1	0	0	0	0	0
NATURAL RESOURCES										
MEN	83	94	114	104	115	134	115	117	106	89
WOMEN	52	62	51	35	53	57	71	56	55	41
TOTAL	135	156	165	139	168	191	186	173	161	130
UNIVERSITY TOTALS										
MEN	2487	2581	2405	2332	2921	3083	3534	3590	3436	3622
WOMEN	1466	1552	1461	1375	1925	2108	2273	2221	2278	2291
TOTAL	3953	4133	3866	3707	4846	5191	5807	5811	5714	5913

¹⁰ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES¹¹**

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
AGRICULTURE AND LIFE SCIENCES										
MEN	510	555	593	612	608	581	513	440	399	375
WOMEN	510	582	677	754	771	768	752	674	630	614
TOTAL	1020	1137	1270	1366	1379	1349	1265	1114	1029	989
ARCHITECTURE AND URBAN STUDIES										
MEN	591	554	620	647	680	700	753	723	712	824
WOMEN	283	247	268	281	293	319	377	360	347	493
TOTAL	874	801	888	928	973	1019	1130	1083	1059	1317
ARTS AND SCIENCES										
MEN	2925	2919	2936	2975	3158	3310	3353	3266	3288	3065
WOMEN	3132	3167	3144	3127	3073	3161	3156	3172	3189	2583
TOTAL	6057	6086	6080	6102	6231	6471	6509	6438	6477	5648
BUSINESS										
MEN	1491	1438	1472	1701	1892	2090	2267	2224	2332	2346
WOMEN	1021	985	1024	1134	1215	1320	1340	1333	1383	1500
TOTAL	2512	2423	2496	2835	3107	3410	3607	3557	3715	3746
EDUCATION										
MEN	277	254	177	0	0	0	0	0	0	0
WOMEN	218	209	148	0	0	0	0	0	0	0
TOTAL	495	463	325	0	0	0	0	0	0	0
ENGINEERING										
MEN	3581	3503	3397	4187	4312	4278	4349	4126	3952	3909
WOMEN	741	716	660	812	815	833	843	805	808	758
TOTAL	4322	4219	4057	4999	5127	5111	5192	4931	4760	4667
HUMAN RESOURCES AND EDUCATION										
MEN	222	251	288	453	435	479	482	498	463	566
WOMEN	987	1045	1119	1327	1381	1468	1490	1434	1432	1839
TOTAL	1209	1296	1407	1780	1816	1947	1972	1932	1895	2405
INTERDISCIPLINARY										
MEN	1207	1283	1376	929	866	755	784	965	1151	1206
WOMEN	667	705	754	758	709	625	670	768	780	753
TOTAL	1874	1988	2130	1687	1575	1380	1454	1733	1931	1959
NATURAL RESOURCES										
MEN	402	466	496	472	423	397	379	343	306	311
WOMEN	238	252	239	225	235	208	195	177	165	156
TOTAL	640	718	735	697	658	605	574	520	471	467
UNIVERSITY TOTALS										
MEN	11206	11223	11355	11976	12374	12590	12880	12585	12603	12602
WOMEN	7797	7908	8033	8418	8492	8702	8823	8723	8734	8696
TOTAL	19003	19131	19388	20394	20866	21292	21703	21308	21337	21298

¹¹ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

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

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
FIRST YEAR										
MEN	47	44	59	75	65	71	49	63	63	50
WOMEN	12	7	9	5	12	6	5	9	10	13
TOTAL	59	51	68	80	77	77	54	72	73	63
SECOND YEAR										
MEN	48	40	35	45	61	42	48	37	49	43
WOMEN	5	7	5	6	3	4	5	2	4	10
TOTAL	53	47	40	51	64	46	53	39	53	53
UNIVERSITY TOTALS										
MEN	95	84	94	120	126	113	97	100	112	93
WOMEN	17	14	14	11	15	10	10	11	14	23
TOTAL	112	98	108	131	141	123	107	111	126	116

**VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES¹²**

COLLEGE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AGRICULTURE AND LIFE SCIENCES										
MEN	186	178	150	147	134	144	128	121	122	128
WOMEN	117	96	101	104	103	106	107	120	124	117
TOTAL	303	274	251	251	237	250	235	241	246	245
ARCHITECTURE AND URBAN STUDIES										
MEN	207	195	167	190	174	195	167	189	176	178
WOMEN	135	131	110	117	117	117	114	132	154	134
TOTAL	342	326	277	307	291	312	281	321	330	312
ARTS AND SCIENCES										
MEN	558	542	485	498	512	485	463	518	545	542
WOMEN	347	354	353	334	337	331	304	341	346	343
TOTAL	905	896	838	832	849	816	767	859	891	885
BUSINESS										
MEN	245	233	217	231	238	201	177	159	141	166
WOMEN	136	138	121	126	111	118	130	114	102	127
TOTAL	381	371	338	357	349	319	307	273	243	293
EDUCATION										
MEN	262	259	225	0	0	0	0	0	0	0
WOMEN	485	498	398	0	0	0	0	0	0	0
TOTAL	747	757	623	0	0	0	0	0	0	0
ENGINEERING										
MEN	1189	1138	1003	1016	958	941	921	1023	1061	1111
WOMEN	205	196	196	196	194	187	188	196	227	253
TOTAL	1394	1334	1199	1212	1152	1128	1109	1219	1288	1364
HUMAN RESOURCES AND EDUCATION										
MEN	43	45	50	272	302	306	275	252	272	223
WOMEN	140	134	132	548	489	504	437	460	540	507
TOTAL	183	179	182	820	791	810	712	712	812	730
INTERDISCIPLINARY										
MEN	1	1	1	1	0	0	0	23	6	16
WOMEN	0	0	0	0	0	0	0	9	4	8
TOTAL	1	1	1	1	0	0	0	32	10	24
NATURAL RESOURCES										
MEN	108	109	85	89	102	101	93	86	83	74
WOMEN	24	32	25	36	41	37	36	41	40	37
TOTAL	132	141	110	125	143	138	129	127	123	111
VETERINARY MEDICINE GRAD AND PH.D.										
MEN	15	15	16	29	29	38	33	38	27	34
WOMEN	30	30	26	22	27	36	45	53	46	47
TOTAL	45	45	42	51	56	74	78	91	73	81
UNIVERSITY TOTALS										
MEN	2814	2715	2399	2473	2449	2411	2257	2409	2433	2472
WOMEN	1619	1609	1462	1483	1419	1436	1361	1466	1583	1573
TOTAL	4433	4324	3861	3956	3868	3847	3618	3875	4016	4045

¹² Effective Fall 1996, totals for Education are reflected in Human Resources and Education

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

<u>COLLEGE</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
VETERINARY MEDICINE – FIRST YEAR										
MEN	28	19	24	27	22	20	27	22	12	28
WOMEN	57	64	59	63	67	69	72	71	76	64
TOTAL	85	83	83	90	89	89	99	93	88	92
VETERINARY MEDICINE – SECOND YEAR										
MEN	22	25	18	24	28	22	15	17	21	11
WOMEN	57	56	58	55	60	67	64	68	71	77
TOTAL	79	81	76	79	88	89	79	85	92	88
VETERINARY MEDICINE – THIRD YEAR										
MEN	19	21	25	19	24	28	22	21	20	21
WOMEN	59	57	56	62	56	61	67	63	69	71
TOTAL	78	78	81	81	80	89	89	84	89	92
VETERINARY MEDICINE – FOURTH YEAR										
MEN	20	19	22	25	19	24	28	22	21	20
WOMEN	55	59	55	56	62	55	60	65	65	68
TOTAL	75	78	77	81	81	79	88	87	86	88
UNIVERSITY TOTALS										
MEN	89	84	89	95	93	94	92	82	74	80
WOMEN	228	236	228	236	245	252	263	267	281	280
TOTAL	317	320	317	331	338	346	355	349	355	360

VIRGINIA TECH FALL SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS^{13,14}

COLLEGE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AGRICULTURE AND LIFE SCIENCES										
MEN	791	817	837	879	868	838	738	661	633	596
WOMEN	644	692	792	869	889	884	869	805	771	754
TOTAL	1435	1509	1629	1748	1757	1722	1607	1466	1404	1350
ARCHITECTURE AND URBAN STUDIES										
MEN	798	749	787	837	854	895	920	912	888	1002
WOMEN	418	378	378	398	410	436	491	492	501	627
TOTAL	1216	1127	1165	1235	1264	1331	1411	1404	1389	1629
ARTS AND SCIENCES										
MEN	3483	3461	3421	3473	3670	3795	3816	3784	3849	3607
WOMEN	3479	3521	3497	3461	3410	3492	3460	3513	3551	2926
TOTAL	6962	6982	6918	6934	7080	7287	7276	7297	7400	6533
BUSINESS										
MEN	1736	1671	1689	1932	2130	2291	2444	2383	2475	2512
WOMEN	1157	1123	1145	1260	1326	1438	1470	1447	1489	1627
TOTAL	2893	2794	2834	3192	3456	3729	3914	3830	3964	4139
EDUCATION										
MEN	539	513	402	0	0	0	0	0	0	0
WOMEN	703	707	546	0	0	0	0	0	0	0
TOTAL	1242	1220	948	0	0	0	0	0	0	0
ENGINEERING										
MEN	4770	4641	4400	5203	5270	5219	5270	5149	5019	5020
WOMEN	946	912	856	1008	1009	1020	1031	1001	1035	1011
TOTAL	5716	5553	5256	6211	6279	6239	6301	6150	6054	6031
HUMAN RESOURCES AND EDUCATION										
MEN	265	296	338	725	737	785	757	750	736	789
WOMEN	1127	1179	1251	1875	1870	1972	1927	1894	1983	2346
TOTAL	1392	1475	1589	2600	2607	2757	2684	2644	2719	3135
INTERDISCIPLINARY										
MEN	1208	1284	1377	930	866	755	784	988	1164	1222
WOMEN	667	705	754	758	709	625	670	777	791	761
TOTAL	1875	1989	2131	1688	1575	1380	1454	1765	1955	1983
NATURAL RESOURCES										
MEN	510	575	581	561	525	498	472	429	391	385
WOMEN	262	284	264	261	276	245	231	218	207	193
TOTAL	772	859	845	822	801	743	703	647	598	578
VETERINARY MEDICINE GRAD AND PH.D.										
MEN	104	99	105	124	122	132	125	120	101	114
WOMEN	258	266	254	258	272	288	308	320	327	327
TOTAL	362	365	359	382	394	420	433	440	428	441
UNIVERSITY TOTALS										
MEN	14204	14106	13937	14664	15042	15208	15326	15176	15256	15247
WOMEN	9661	9767	9737	10148	10171	10400	10457	10467	10655	10572
TOTAL	23865	23873	23674	24812	25213	25608	25783	25643	25911	25819

¹³ Effective Fall 1996, totals for Education are reflected in Human Resources and Education

¹⁴ Totals include Special Undergraduate Enrollment

**Constituency Representatives' Reports
November 11, 2002**

Mr. Brian Montgomery, Undergraduate Student Representative to the Board of Visitors.

Mr. Montgomery thanked the many students for their attendance and interest in the decisions that guide the university.

He recognized the skillful work of the administration in regard to the budget cuts. Students are extremely concerned about the budget cuts and have written hundreds of letters to Mr. Sterling Daniel, President of the Student Government Association, expressing these concerns. Students gathered on the Drill Field to spell out "Cut This?" with their bodies to show they were not satisfied with the state's level of support. The Student Government Association passed a resolution to oppose the diminished priority the state is placing on higher education. Students are informed and acutely aware of what is happening in higher education. They are aware of what the university is up against and are ready to tackle the problem to protect the academic integrity of the university. Students are supportive of a tuition increase, provided that the funds are used for academic programs and faculty salaries. If tuition is increased, the university and Board should realize that it will be difficult for some students to raise the extra \$400 in two months. It is imperative that students have the appropriate access to the additional scholarships.

The students are opposed to Governor Warner's public statement that he is in favor of specializing higher education in the Commonwealth. At Virginia Tech, where the university that has built and developed its programs in a deliberate, logical and holistic manner, each student feels that his or her curriculum complements and defines what it means to attend a land-grant university. Students who attend Virginia Tech rarely enter the same major with which they leave. Often they change their major two or three times before they find their path. Students recognize the need for diversity of training, interdisciplinary skills and exposure to the humanities. As the Provost demonstrated yesterday at the information session, Virginia Tech programs complement and enhance one another. In many ways, Virginia Tech has developed a parachute of disciplines that has served to support and guide students in attendance. If any one of these programs is cut, the expertise and experience will disappear. Holes in the parachute will develop. In summary, it is the opinion of students that education specialization will lead to educational sterilization.

- 1) Students are excited and pleased to be part of a university as great as Virginia Tech. Most are willing to pay more for tuition to preserve the academic integrity of the institution. But, over time as students are asked to give more, they will expect to receive more for what they are paying.

- 2) Students are profoundly against Governor Warner's thoughts on specialization. A land-grant university should act as a parachute for dispersing knowledge. Parachutes work better without holes.
- 3) Students are in strong support as long as changes are communicated in a fair and open manner. The Board and administration are urged to share information as they have in the past, with forthright and honest dialogue.

President Steger publicly acknowledged the tremendous level of support from the Student Government Association and their efforts to facilitate communications with the students. Meetings have been held with faculty associations, student leadership, and teleconferencing to sites around the Commonwealth with an effort to be sure everyone understands very clearly the dimensions of the problem we face. Frequently we have to say at this time we do not have the answer. We tried to be straightforward and share all the information.

Mr. Christian Rieser, Graduate Student Representative to the Board of Visitors.

Mr. Rieser shared that the graduate students stand side-by-side with the undergraduate students in their concern of overly narrowing the focus of the university, especially given the many research endeavors at this university, in many cases involving those in advanced fields that are either interdisciplinary or cross disciplines. Graduate students understand that strategic investments and decisions must be made by the Board to invest in the future of the university.

Health insurance, concerns at the Northern Virginia campus and efforts to move to the Top 30 are also concerns of the graduate student community.

Significant effort has been put forth by graduate students and administration on campus to address issues about health insurance. Open forums have been chaired by Dr. DePauw, Dean of the Graduate School, who has provided outstanding leadership. Several focus groups have been conducted to allow students to speak one-on-one with administrators. A committee has been developed, has just completed its third meeting, and has put together a proposal to go out for bid based on recommendations of graduate students. Some issues addressed in the proposal include: coverage of well-baby visits, coverage of contraceptives, reductions in fees, and eligibility of pre-existing conditions. This is to bring into line plans offered commercially at an affordable price. Technology is being used to share this information. An inconsistency was discovered in previous action taken by the Board. A subsidy was approved last year to be given to all students on assistantship. There was a miscommunication between the Board action and the actual implementation of that subsidy, and only a small portion of the university's graduate students were receiving it. Mr. Ridenour's office and the Graduate School very quickly helped to identify the inconsistency and fix it. All graduate students who have Virginia Tech insurance get the subsidy; those who have other insurance companies do not. Those with other

companies can now bring proof of their insurance to the university and receive that subsidy in the amount of \$175. The university, over time, wants to improve the total compensation package of the graduate student community. Mr. Rieser thanked Mr. Ridenour and the Graduate School for their upfront and open discussion of this issue.

Dr. DePauw has visited Northern Virginia and dialogue is ongoing. A number of issues to be addressed have been targeted. Mr. Rieser will report back to the Board in March in regard to the work being done in this area.

In regard to efforts to move to the Top 30, Mr. Rieser highlighted that the Graduate School has created a new Graduate Students Services Office (GSSO) as a centralized place for graduate services. The Graduate School is working with the Town of Blacksburg to initiate a dialogue about creating more graduate centered communities. Another endeavor is to add more graduate activities on campus to grow a research enterprise. Dr. DePauw has created several think tanks of graduate students focused on creating a rights and responsibilities document so the expectations and responsibilities of graduate students are clearly defined as are the expectations of the faculty interaction. The graduate students have been tasked with their research experience and that includes developing their vision for Donaldson Brown as it becomes a graduate center. Dr. DePauw is working on a plan regarding salary, health insurance, tuition waivers, and policy to bring us in direct competition with Top 30 peers. She will be working with Dr. McNamee and the administration to bring forward full details in March.

Mr. Rieser shared his appreciation of the University and the Board of Visitors for their support of recognizing the need for better salaries for graduate students as the cost of living increases.

Dr. Edd Sewell, President, Faculty Senate.

Dr. Sewell began by saying that in some ways things are better and in other ways things are worse than when the Board met in August. The passage of the bond referendum is rewarding and the faculty was very active in its success. Virginia Tech is the only university in Virginia that invites the faculty to sit with the Board and for this we are appreciative. Organizations have their own culture. IBM, Carilion, law firms, and manufacturing companies have their own culture. Virginia Tech has a faculty culture that at times is intense in its competition. We may talk about things like post-tenure review and ask why aren't more people not brought forward and removed from the university. Because of the culture at Virginia Tech, bad professors do not survive here. They do not survive because they have to confront their faculty colleagues on a day-by-day basis, whether it is over the articles published, books published, research grants given, or the teaching evaluations. We have an excellent faculty. There are some problems.

Unfortunately, one of the major problems this Board just encountered when it chose not to forward the Commission on Equal Opportunity and Diversity. We feel that this university should be openly and publicly honest in its non-discrimination statement which reads: Virginia Tech does not discriminate against employees, students, or applicants on the basis race, sex, disability, age, veterans status, national origin, religion, political affiliation, or sexual orientation. This university will not become a top 30, or 40, or 50 university if we ignore this issue. We feel that the intimate role and the legitimate role for the university faculty is to engage one another and to work with the Board in the area of peer evaluation. This would include cases of appointment, promotion, granting tenure, removal of members of the faculty, and description of the faculty responsibility. The faculty ask that this be recognized and respected. Dr. Sewell went on to say that he had planned to talk about trust, respect, and collective action. The faculty do not feel they have been trusted. On the whole, the action of tabling what the faculty has worked on for a number of years, does not show respect. The faculty finds it very difficult to engage in collective action when we are ignored. Thank you.

**RESOLUTION FOR EMERITUS STATUS
November 11, 2002**

WHEREAS, Dr. Monroe Murphy Bird faithfully served Virginia Tech for over 34 years in the R.B. Pamplin College of Business, beginning in 1968; and

WHEREAS, as a member of the faculty in the Department of Marketing, he was a dedicated teacher of courses at the undergraduate and graduate levels, and since 1986 he taught MBA students at the Northern Virginia Center; and

WHEREAS, he advised and counseled numerous undergraduate and graduate students during his career and served on over 30 doctoral committees; and

WHEREAS, he made significant contributions in research on industrial marketing, purchasing management, and business ethics, authoring over 55 academic publications, serving since 1988 as the National Association of Purchasing Management Carolinas-Virginia Professor of Purchasing; and

WHEREAS, he provided numerous services to the business community through publications in trade journals, congressional testimony, executive seminars, and service on boards and committees;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Monroe Murphy Bird for his service to the university with the title of Professor Emeritus of Marketing.

RECOMMENDATION:

That the above resolution recommending Dr. Monroe Murphy Bird for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
November 11, 2002**

WHEREAS, Dr. William L. Conger faithfully served Virginia Tech for 19 years in the College of Engineering, beginning in 1983; and

WHEREAS, as a member of the faculty in the Department of Chemical Engineering, he was a dedicated teacher of a wide range of courses, and advisor to students in Omega Chi Epsilon, Tau Beta Pi, Alpha Chi Sigma honor societies; and

WHEREAS, from 1983-2000, he served as department head, greatly contributing to the department's healthy growth, while also serving in a number of national professional technical societies; and

WHEREAS, he received numerous awards including the Outstanding Teaching Award in Chemical Engineering in 1986, 1989, and 1999; the Dean's Award for Excellence in Teaching in 1996; the College of Engineering Certificate of Teaching Excellence in 1999; and the Sporn Award for teaching of engineering subjects in 1999;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. William L. Conger for his service to the university with the title of Professor Emeritus of Chemical Engineering.

RECOMMENDATION:

That the above resolution recommending Dr. William L. Conger for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Virgil A. Cook faithfully served Virginia Tech for 39 years in the College of Arts & Sciences, beginning in 1963; and

WHEREAS, as a member of the faculty of the Department of English, he taught a variety of courses, from freshman composition through surveys of literature and intensive upper-division courses in literature, providing high intellectual standards, and consideration and devotion toward his students; and

WHEREAS, he was a pioneer in adapting computers to promote distance learning, developing and teaching some of the university's earliest and most successful on-line courses through his technical writing classes; and

WHEREAS, he served on various department, college, and university committees, and contributed to the welfare of the community, particularly through his service to the Voice of the Blue Ridge, the Virginia Board for the Visually Handicapped, and other advocacy groups for the visually disabled; and

WHEREAS, his service to the students of this university was honored by a Lifetime Achievement Award from the University Center for Innovative Learning and his efforts have significantly contributed to the teaching and service missions of the department, college, and university;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Virgil A. Cook for his service to the university with the title of Associate Professor Emeritus of English.

RECOMMENDATION:

That the above resolution recommending Dr. Virgil A. Cook for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Lawrence H. Cross faithfully served Virginia Tech for 28 years in the College of Human Resources & Education, beginning in 1974; and

WHEREAS, as a member of the faculty in the Department of Educational Leadership & Policy Studies, he was recognized for his outstanding teaching and directed or co-directed over 50 doctoral dissertations; and

WHEREAS, he conducted numerous research studies in the field of educational measurements resulting in over 50 refereed publications and technical reports, as well as invited presentations at professional conferences; and

WHEREAS, he was recognized by his college, professional journals, and the Virginia Educational Research Association, and he established a national reputation for his research, which included pioneering work validating and establishing performance standards for using the National Teacher Examinations to certify entry-level teachers in Virginia; and

WHEREAS, his research and publications regarding technical measurement concerns related to the Virginia Standards of Learning testing program have led to policy modifications; and

WHEREAS, he consulted extensively with the Virginia Department of Education and throughout the United States; and

WHEREAS, he served as a member of the editorial board of several journals and chaired committees for national organizations in his field of measurement;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Lawrence H. Cross for his service to the university with the title of Professor Emeritus of Educational Leadership & Policy Studies.

RECOMMENDATION:

That the above resolution recommending Dr. Lawrence H. Cross for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. C. Gene Haugh faithfully served Virginia Tech for over 23 years in the College of Agriculture & Life Sciences, beginning in 1979; and

WHEREAS, as a member of the faculty of Biological Systems Engineering, he made significant contributions in undergraduate and graduate teaching and in food-engineering research, and he served as department head of Biological Systems Engineering from 1979 to 1986; and

WHEREAS, he has a national reputation in food-engineering research specifically related to the physical properties of biological materials; and

WHEREAS, he invested tremendous energy in the Accreditation Board for Engineering and Technology, was on 23 review teams, led 14 teams, and was elected to the Board of Directors in 1993; and

WHEREAS, he received numerous awards including the Alexander von Humboldt Fellowship (1972), American Society of Agricultural Engineers Young Researcher (1976), Fellow of the American Society of Agricultural Engineers (1984), and most recently, Distinguished Alumnus of the Pennsylvania State University College of Engineering; and

WHEREAS, he represented the university internationally and received the Carl-Heinrich-Dencker Honorary Award 2001 of the Verein zur Förderung der Landtechnik Bonn from the dean of the faculty of Agriculture of the Rheinische Friedrich-Wilhelms-Universität (RFWU) Bonn, Germany (this annual award, given for the first time to a non-German, recognized his contributions to the German-American partnership in research and teaching, and his cooperation with the department of Agricultural Engineering at RFWU Bonn in the field of physical properties of biological materials); and

WHEREAS, he served on numerous department college and university committees for governance and development;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. C. Gene Haugh for his service to the university with the title of Professor Emeritus of Biological Systems Engineering.

RECOMMENDATION:

That the above resolution recommending Dr. C. Gene Haugh for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
November 11, 2002**

WHEREAS, Dr. David E. Hutchins faithfully served Virginia Tech for 31 years in the College of Human Resources & Education, beginning in 1971; and

WHEREAS, he helped to initiate two graduate programs, in Counselor Education and in College Student Affairs, and served as program leader in Counselor Education for two different periods of time; and

WHEREAS, he taught and advised doctoral and master's students in Blacksburg, Roanoke, and Northern Virginia; and

WHEREAS, his advisees have been employed throughout the United States and the world as counselors, teachers, administrators, and leaders, including two current vice presidents at Virginia Tech; and

WHEREAS, he received the Outstanding Alumnus Award in Counselor Education from his doctoral alma mater, Ohio University, was elected to the University Academy of Teaching Excellence, and developed the "Thinking-Feeling-Acting System" which is used extensively in counselor education in the United States; and

WHEREAS, he co-authored three editions of a textbook used in over 65 colleges and universities in the United States and other countries, and a national research study recognized him in the top 2 percent of contributors over a 15-year period of time to the *Journal of Counseling and Development*; and

WHEREAS, he was appointed by Governor Charles Robb and was reappointed by Governor Gerald Baliles to serve on the Virginia Board of Professional Counselors for a total of 8 years, serving as chair of the Board for three years;

THEREFORE, be it resolved that the Board of Visitors recognize Dr. David E. Hutchins for his service to the university with the title of Professor Emeritus of Educational Leadership & Policy Studies.

RECOMMENDATION:

That the above resolution recommending Dr. David E. Hutchins for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Mukhtar Ali Isani faithfully served Virginia Tech for 36 years in the College of Arts & Sciences, beginning in 1966; and

WHEREAS, as a member of the faculty in the Department of English, he taught a wide array of courses, from freshman composition and surveys of American literature to intensive upper-division courses, all with care and consideration for his students and close attention to the complexities of the subject matter; and

WHEREAS, he served on a variety of departmental committees, helped tutor graduate teaching assistants who are non-native speakers of English, and worked with foreign students in the community; and

WHEREAS, his service to students in the Department of English was honored by six Certificates of Teaching Excellence; and

WHEREAS, his published scholarship includes a book, three dozen articles and notes, and conference papers in the area of American literature; and

WHEREAS, as a noted scholar of American literature, award-winning teacher, and advocate for students within the university and the community, he significantly contributed to the research, teaching, and service missions of the department, the college, and the university;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Mukhtar Ali Isani for his service to the university with the title of Professor Emeritus of English.

RECOMMENDATION:

That the above resolution recommending Dr. Mukhtar Ali Isani for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Professor Warren R. Kark faithfully served Virginia Tech for over 36 years in the College of Architecture & Urban Studies, beginning in 1966; and

WHEREAS, as a member of the faculty in the Department of Architecture, he was a dedicated teacher in design laboratories and made special contributions to teaching courses about the practice and business aspects of architecture; and

WHEREAS, he served as university architect for Virginia Tech for 10 years (1980 to 1990), forging a campus master plan representing over 30 projects which received both state-wide and national recognition and which still serves to guide the physical development of Virginia Tech campus today; and

WHEREAS, he developed the master plan for the Virginia Tech Corporate Research Center; and

WHEREAS, he established an international reputation for his knowledge of educational-facilities architecture and master planning which led to a project, beginning in 1998, for developing a campus master plan for a new university in Sile, Turkey, near the Black Sea;

THEREFORE, be it resolved that the Board of Visitors recognizes Professor Warren R. Kark for his service to the university with the title of Professor Emeritus of Architecture.

RECOMMENDATION:

That the above resolution recommending Professor Warren R. Kark for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. James H. Malone faithfully served Virginia Tech for 32 years in Career Services, beginning in 1970; and

WHEREAS, in 1994, he provided leadership in the successful merger of three university units, University Placement Services, Cooperative Education, and Career Advising and Resources, which resulted in the creation of Career Services, incorporating strategic planning, total quality management, staff involvement and training, and conscientious management and resulting in a challenging vision, a rigorous mission, strong customer-service philosophy, and quality staffing; and

WHEREAS, he provided leadership to the University Placement Services and Career Services departments to provide services and resources to Virginia Tech students who were seeking career guidance and career-related employment while enrolled at Virginia Tech and upon graduation; and

WHEREAS, over the past 28 years, he cultivated and nurtured hundreds of relationships with corporations, agencies, and organizations who were interested in hiring Virginia Tech students and alumni, serving as a conduit between corporations and academic departments in order to facilitate strong relationships, to communicate workplace needs, and to identify qualified candidates; and

WHEREAS, throughout his career, he was actively involved in professional organizations, serving the Virginia College Placement Association in various positions leading up to president in 1983-84, and the Southeast Association of Colleges and Employers as vice president; and in 1990, he received the A. Isabel Gordon Distinguished Service Award from the Virginia Association of Colleges and Employers for his contributions to the field; and

WHEREAS, he provided services, consultation, and training to corporate America regarding successful hiring practices, qualities of majors and programs at Virginia Tech, and setting up college relations programs, developing a popular summer training program for new human resources professionals entitled "College Hiring Made Easy";

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. James H. Malone for his service to the university with the title of Director Emeritus of Career Services.

RECOMMENDATION:

That the above resolution recommending Dr. James H. Malone for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Robert W. Morrill faithfully served Virginia Tech for 29 years in the College of Arts & Sciences, beginning in 1973; and

WHEREAS, as a member of the faculty of the Department of Geography, he was a dedicated teacher who developed original courses in his field, teaching a wide range of courses from the freshman to the advanced graduate level, including teaching at the University's Center for European Studies, Riva San Vitale, Switzerland, the University of Turku, Finland, and the University of Goteborg, Sweden; and

WHEREAS, he advised and counseled numerous undergraduate and graduate students during his long career, while serving as faculty advisor for the Virginia Tech Geographic Society, as graduate advisor for 16 master's degree students, and as a member of the committees for many graduate students; and

WHEREAS, he devoted substantial energy, dedication, and imagination to his service as head of the Department of Geography, and as a member of many committees at departmental, college, and university levels; and

WHEREAS, he originated and contributed to innovative teaching strategies, including GeoSim supported by NSF and FIPSE, and helped in the design of the "AMTRAK Across America" course, which provides direct, first-hand experience with people and landscapes of North America; and

WHEREAS, he was a coauthor of Guidelines for Geographic Education and was a primary author of Geography for Life which established national standards for geographic education in K-12 schools; and he applied considerable time and energy to strengthening geography and social science education in Virginia's K-12 educational system, including service as Virginia's State Geographer; and

WHEREAS, he served in several national professional societies, as president of the National Council for Geographic Education, as a co-coordinator for the Virginia Geographic Alliance, and as a fellow of the Gilbert M. Grosvenor Center for Geographic Education;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Robert W. Morrill for his service to the university with the title of Professor Emeritus of Geography.

RECOMMENDATION:

That the above resolution recommending Dr. Robert W. Morrill for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Johann A. Norstedt faithfully served Virginia Tech for 30 years in the College of Arts & Sciences, beginning in 1972; and

WHEREAS, as a member of the faculty of the Department of English, he taught a wide array of courses from freshman composition through surveys of literature and through intensive upper-division and graduate courses in literature of various places and periods, all with intellectual rigor, and with concern and respect for his students; and

WHEREAS, he served his department as Director of Undergraduate Studies (1985-1992) and Department Chair (1997-2002), in both of which positions he provided outstanding leadership; and

WHEREAS, his published scholarship included a critical biography of Thomas MacDonagh and numerous articles and conference papers in the area of Irish literature; and

WHEREAS, his service to the students of this university was honored by the Alumni Award for Excellence in Advising and induction into the Academy of Faculty Service; and

WHEREAS, in addition to his administrative service to the Department of English, he served on a wide variety of college and university committees, in addition to service on the Faculty Senate, of which he served as both Vice President (1982-83) and President (1983-84); and

WHEREAS, as a gifted administrator, distinguished scholar, inspiring teacher, and effective advocate for students and faculty at this institution, he significantly contributed to the teaching, research, and service missions of the college and the university;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Johann A. Norstedt for his service to the university with the title of Associate Professor Emeritus of English.

RECOMMENDATION:

That the above resolution recommending Dr. Johann A. Norstedt for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Jerald F. Robinson faithfully served Virginia Tech for 32 years in the R.B. Pamplin College of Business, beginning in 1970; and

WHEREAS, as a member of the faculty in the Department of Management, he made significant contributions to the study and teaching of labor relations and international management; and

WHEREAS, he was a devoted and successful teacher of Virginia Tech students at the undergraduate and graduate levels, earning membership in the Academy of Teaching Excellence in 1979 and receiving the Pamplin College Outstanding Undergraduate Teaching Award twice, the Pamplin College Outstanding Ph.D. Teaching Award in 1992, and the Outstanding Service to the MBA Distance Learning Initiative Award in 1998; and

WHEREAS, he was a pioneer in the Pamplin College study-abroad program; and

WHEREAS, he effectively served the Commonwealth of Virginia through extensive management training programs and research/consulting on state economic issues; and

WHEREAS, his excellent service to Virginia Tech was reflected in his two terms as President of the University Faculty Senate in 1978 and 1979, and his induction into the University Academy of Faculty Service;

THEREFORE, be is resolved that the Board of Visitors recognizes Dr. Jerald F. Robinson for his service to the university with the title of Professor Emeritus of Management.

RECOMMENDATION:

That the above resolution recommending Dr. Jerald F. Robinson for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Professor Fernando Ruiz faithfully served Virginia Tech for 30 years in the College of Architecture & Urban Studies, beginning in 1972; and

WHEREAS, as a member of the faculty in the Department of Architecture, he was a dedicated teacher in design laboratories; and

WHEREAS, he was the recipient of the William E. Wine Award for Excellence in Teaching in 1982, and was a member of the Virginia Tech Academy of Teaching Excellence; and

WHEREAS, he made exceptional contributions to the teaching mission in the architecture design laboratories, encouraging and inspiring generations of architecture students to explore holistic and integrated approaches to understanding and solving complex architectural problems; and

WHEREAS, he was invited to serve as a visiting faculty member at the Department of Architecture, Zhengzhou Institute of Technology, Henan Province, People's Republic of China (1994);

THEREFORE, be it resolved that the Board of Visitors recognizes Professor Fernando Ruiz for his service to the university with the title of Associate Professor Emeritus of Architecture.

RECOMMENDATION:

That the above resolution recommending Professor Fernando Ruiz for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Michael G. Squires faithfully served Virginia Tech for 33 years in the College of Arts & Sciences, beginning in 1969; and

WHEREAS, as a member of the faculty of the Department of English, he taught an array of courses, ranging from freshman composition through graduate courses, winning a Certificate of Teaching Excellence and being appointed to the Academy of Teaching Excellence; and

WHEREAS, he served his department not only as a faculty member, but in various administrative positions, including Head (1992-95), Research Liaison (1986-88), Director of Undergraduate Studies (1977-82), and Co-Director of Composition (1970-75), providing outstanding leadership; and

WHEREAS, his published scholarship includes 8 books, 17 journal articles and book chapters, and numerous reviews in the area of the English novel; and

WHEREAS, as a productive scholar and a long-time member of the editorial board of *The D. H. Lawrence Review*, he has significantly contributed to the greater understanding of an important modern English novelist; and

WHEREAS, in recognition of his outstanding research contributions, he was named Clifford A. Cutchins III Professor (1995-2000); and

WHEREAS, in addition to his administrative service to the Department of English, he served on a wide variety of college and university committees, and as Director of Virginia Tech Faculty Writing Workshops; and

WHEREAS, as scholar, teacher, and administrator, he significantly contributed to the research, teaching, and service missions of the department, college, and university;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Michael G. Squires for his service to the university with the title of Professor Emeritus of English.

RECOMMENDATION:

That the above resolution recommending Dr. Michael G. Squires for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Tracy D. Wilkins faithfully served Virginia Tech for 30 years in the College of Arts & Sciences, beginning in 1972; and

WHEREAS, as a rigorous experimentalist, he contributed directly to the understanding of anaerobic microbial infections and mechanisms of toxicity, particularly those of *Bacteroides fragilis* and *Clostridium difficile*, becoming an internationally recognized expert of anaerobic microbiology and holding elected offices in national and international professional societies; and

WHEREAS, he effectively used fundamental scientific discovery to serve humankind with his research leading to the development of effective diagnostic strategies and products to minimize losses of life caused by pathogenic bacteria; and

WHEREAS, as a dedicated teacher, he inspired students to learn and to apply fundamental scientific principles, creatively challenging students to use their knowledge in their careers and life-long learning; and

WHEREAS, as faculty member and then Director of the Anaerobe Lab from 1972 to 1994, he provided leadership and encouragement to faculty, staff, and students; and

WHEREAS, he guided the acquisition of funds for and oversaw the construction of the Fralin Biotechnology Center, serving as Director from 1995 to 2002 and as the initial Stroobants Professor of Agricultural Biotechnology; and he provided leadership to the faculty and staff of the Fralin Biotechnology Center in support of the missions of education, research, and outreach; and

WHEREAS, he built successful companies based on biotechnology and, as an exemplary entrepreneur, stimulated the development of the Virginia Tech Corporate Research Center; and

WHEREAS, he served as an expert resource in the development of new technologies and encouraged the growth of innovative programs at the university;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Tracy D. Wilkins for his service to the university with the title of Professor Emeritus of Biochemistry.

RECOMMENDATION:

That the above resolution recommending Dr. Tracy D. Wilkins for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. James H. Wilson faithfully served Virginia Tech for over 26 years in the College of Agriculture & Life Sciences, beginning in 1975; and

WHEREAS, as a member of the faculty of the Department of Biological Systems Engineering, he was awarded a Certificate of Teaching Excellence and the Gamma Sigma Delta Teaching Award; and

WHEREAS, he was recognized nationally and internationally for his research on animal bone strength as affected by nutrition, trace elements, calcium, and phosphorus; and

WHEREAS, his research in the area of physical properties of biological materials helped poultry performance and increased profitability for both poultry producers and processors; and

WHEREAS, he was an effective representative of Virginia Tech as a consultant to other universities and industry on testing techniques to evaluate animal skin strength, broiler wing-joint strength, and shear strength of cow ribs; and

WHEREAS, he capably served on numerous departmental and university committees for space development, recruitment, and service course development;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. James H. Wilson for his service to the university with the title of Professor Emeritus of Biological Systems Engineering.

RECOMMENDATION:

That the above resolution recommending Dr. James H. Wilson for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
November 11, 2002

WHEREAS, Dr. Young-tsu Wong faithfully served Virginia Tech for over 31 years in the College of Arts & Sciences, beginning in 1971; and

WHEREAS, as a member of the faculty in the Department of History, he was a dedicated teacher of a wide range of courses from freshmen to advanced graduate level, co-teaching two honors colloquia with a professor in Architecture, and as an invited lecturer, teaching graduate courses at the National Taiwan Normal University and National Cheng-chi University; and

WHEREAS, he advised and counseled numerous undergraduate and graduate students during his long career, serving as a thesis advisor for 5 masters and 2 doctoral students, and for 2 doctoral students at the Australian National University, Canberra; and

WHEREAS, he distinguished himself internationally as an expert on China and Taiwan, authoring, co-authoring, editing, translating or annotating 16 books (including the Choice List of Outstanding Academic Titles for 2001), 97 articles, book reviews, and popular essays in English and Chinese; presenting 30 conference papers; receiving 28 invitations to speak at national and international colloquia; and serving on several editorial boards for journals and scholarly reviews and as a frequent manuscript reviewer and evaluator of faculty for honors or academic promotions; and

WHEREAS, he served on numerous departmental, college, and university committees, and created an exchange program between Virginia Tech and Suzhou University in the People's Republic of China; and

WHEREAS, he was honored for the excellence of his scholarship as a recipient of Virginia Tech Alumni Award for Research Excellence (1994), the Outstanding Scholar Award of the Virginia Social Science Association (1993), Honorary Professorship at Suzhou University, the Academy of Sciences Award for research in China; two Virginia Tech Humanities Summer Stipends; and numerous department and university grants;

THEREFORE, be it resolved that the Board of Visitors recognize Dr. Young-tsu Wong for his service to the university with the title of Professor Emeritus of History.

RECOMMENDATION:

That the above resolution recommending Dr. Young-tsu Wong for emeritus status be approved.

ENDOWED CHAIR

W. S. “Pete” White Chair for Innovation in Engineering Education

At their meeting in June 2001, the Board of Visitors approved the appointment of William J. Devenport, Professor of Aerospace & Ocean Engineering, to the W.S. “Pete” White Chair for Innovation in Engineering Education for a two-year period, beginning August 2001. Dean McPherson requests a one-year extension (through 2003-04) of the appointment of Dr. Devenport. The extension will allow Dr. Devenport to continue his leadership role in the College of Engineering departmental representatives program to promote faculty study groups in each department.

RECOMMENDATION:

That the appointment of Dr. William J. Devenport to the W.S. “Pete” White Chair for Innovation in Engineering Education be extended by one additional year (through 2003-04).

FACULTY LEAVES

Virginia Tech's program of professional development for tenured faculty members provides two kinds of opportunities: Study-Research Leaves at one-half salary for up to one year and one-semester Research Assignments at full salary.

The following faculty member is requesting Study-Research Leave for the purpose and period of time specified:

Frank S. Quinn, III, Professor, Department of Mathematics, for Spring 2003, to conduct research and to teach at Princeton University on the topology manifolds of three, four, and higher dimensions, this being a postponed semester leave from Spring 2000.

RECOMMENDATION:

That the above Study-Research Leave be approved as requested.

EDUCATIONAL LEAVE

Miriam E. Guthrie, Coordinator, Special Initiatives, Outreach & Marketing, Institute for Distance & Distributed Learning, is requesting Educational Leave at half salary for November 1, 2002, to May 1, 2003, to complete her doctorate in Curriculum and Instruction with emphasis in Instructional Technology at Virginia Tech's College of Human Resources & Education.

RECOMMENDATION:

That the above request for Educational Leave be approved.

CHANGE OF DUTY STATION

Dr. John P. Morgan, Professor in the Department of Statistics, has been invited to work with researchers at the Mathematics Research Centre of Queen Mary College at the University of London for the period of January 2003 through June 2003. A change of duty station is requested so that he may explore research on a similar class of problems to his own NSF-funded research. Funding for the majority of Dr. Morgan's salary during spring term 2003 will come from a sponsored contract from Queen Mary College.

Dr. Beate Schmittmann, Professor of Physics, has been awarded a guest fellowship from the University of Essen, Germany, as part of the Maria Sybille Merian mentoring program. A change of duty station is requested for the period November 1, 2002 to December 1, 2002 to allow her to pursue research with her colleagues in the physics department, to meet with junior women scientists, and to give the first lecture in a series of widely publicized public lectures at the University of Essen.

Dr. Karen A. Thole, Associate Professor of Mechanical Engineering, has been asked to install and benchmark a combustion simulator in the Turbine Research Facility under contract from Wright-Patterson Air Force Base, Ohio. The change of duty station is requested for the spring term 2003.

RECOMMENDATION:

That the requested changes of duty station be approved.

Resolution Naming

**The Major General W. Thomas Rice
Corps of Cadets Center for Leader Development**

**in the Pamplin College of Business
of Virginia Polytechnic Institute and State University**

Whereas, W. Thomas Rice, a dedicated and distinguished Virginia Tech alumnus, earned his Bachelor of Science degree in Civil Engineering in the College of Engineering, class of '34; and

Whereas, W. Thomas Rice served in the Corps of Cadets for all four years at the university, served in Europe and Asia during the Second World War, and in the Army Reserve until retirement with the rank of Major General; and

Whereas, W. Thomas Rice made numerous contributions to the transportation industry and to the nation during his long and distinguished career with the railroad industry before his retirement as Chairman Emeritus of Seaboard Coastline Industries; and

Whereas, the Corps of Cadets, College of Engineering, Alumni Center, and other programs of the university have benefited through significant and generous support from Tom Rice personally, in his honor, and as a result of his efforts on behalf of the university and its students; and

Whereas, General Rice has served personally and unselfishly in support of the university as President of the Alumni Association, Rector of the Board of Visitors, and a member of Hokies for Higher Education, Engineering's Committee of 100, the William Preston Society, the Old Guard Committee, the President's Council Membership Committee, and the VT Foundation Board and Executive Committee; and

Whereas, his personal attention and leadership provided to university colleagues, faculty, and students has always been offered in a caring and personal way, always demonstrating his honesty, courage, commitment, wisdom and personal values, thus serving as an inspiration and a leader to the university community;

Now, therefore, be it resolved that, with enormous gratitude and admiration for General Rice, and in appreciation for his generosity and recognition of his devotion, the Corps of Cadets Center for Leader Development at Virginia Polytechnic Institute and State University will be known henceforth as: **The Major General W. Thomas Rice Corps of Cadets Center for Leader Development.**

Recommendation:

That the above resolution naming **The Major General W. Thomas Rice Corps of Cadets Center for Leader Development** be approved.

RESEARCH AND DEVELOPMENT DISCLOSURE REPORT
July 1, 2002 - September 30, 2002

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. O. Claus	J. Riffle	No Co-PI	Arts & Sciences	Aug 02 - Dec. 02	\$14,994	Nanostructured Adhesives for Bond Integrity Monitoring
Faculty-owned Business	Nanosonic, Inc.	R. O. Claus	S. Case	No Co-PI	Engineering	Aug 02 - Dec 02	\$7,572	Fatigue Lifetime Measurement and Prediction of Adhesive Joints
Faculty-owned Business	Nanosonic, Inc.	R. O. Claus	W. Spillman	No Co-PI	Univ. Center	Aug 02 - Apr 04	\$10,000	Optical and Mechanical Materials Analysis
Faculty-owned Business	Prime Photonics, Inc.	R. May & A. Wang	R. Stolen	No Co-PI	Engineering	Jul 02 - Dec 02	\$32,057	Fabrication of Dual-Core Fiber
Faculty-owned Business	Prime Photonics, Inc.	R. May & A. Wang	K. Cooper	No Co-PI	Engineering	Sep 02 - Oct 02	\$4,000	Feasibility Study of Intrinsic Fiber Interferometric Sensors

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

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 10-11, 2002

TEACHING AND RESEARCH FACULTY

NEW APPOINTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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Architecture & Urban Studies

Kane, Brian	Visiting Asst Professor, Restr	Landscape Architecture	8-10-02	100	45,000
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Arts & Sciences

Aley, Ginette	Instructor, Restr	History	8-10-02	100	30,000
Allnutt, Robin M	Instructor, Restr	English	8-10-02	100	26,000
Derozier, Shad	Instructor, Restr	Chemistry	8-10-02	100	35,000
Flaten, Arne R	Visiting Asst Professor, Restr	Art	8-10-02	100	38,000
Griffith, David	Instructor, Restr	English	8-10-02	100	26,000
Harrison, Anthony K	Instructor, Restr	Sociology	8-10-02	100	25,000
Hickerson, Corey A	Instructor, Restr	Communication Studies	8-10-02	100	36,000
Hurst, Lisa	Instructor, Restr	English	8-25-02	100	24,555
Huston, Annette L	Instructor, Restr	History	8-10-02	100	32,000
Kafadar, Karen	Visiting Professor, Restr	Statistics	8-10-02	100	100,000
Mitchell, Sarah	Instructor, Restr	History	8-10-02	100	30,000
Snyder, David A	Instructor, Restr	History	8-10-02	100	32,000
Tillerson, Amy	Instructor, Restr	History	8-10-02	100	32,000
Warner, John	Instructor, Restr	Communication Studies	8-10-02	100	30,000
Watson, Joan	Instructor, Restr	Center for Interdisciplinary Studies	8-10-02	100	25,600
Wilkinson, Elizabeth	Instructor, Restr	English	8-10-02	100	26,000

Engineering

Granata, Kevin P	Assoc Professor, w/Tenure	Engr Science & Mechanics	12-25-02	100	87,000
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Human Resources & Education

Walsh, Stephanie	Visiting Asst Professor, Restr	Human Development	8-10-02	100	40,500
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Continued

TEACHING AND RESEARCH FACULTY

NEW APPOINTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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Natural Resources

Bond, Brian H	Assistant Professor	Wood Sci & Forest Products	9-01-02	100	65,000
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Veterinary Medicine

Hatfield, Cindy	Assistant Professor	Small Animal Clinical Sciences	9-01-02	100	72,000
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TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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Agriculture & Life Sciences

Dean, Dennis R	Professor	Biochemistry	9-01-02	100	98,850
Doak, Samuel O	Instructor	Ctr European Studies & Arch	8-10-02	100	37,866
Mack, Timothy P	Professor	Entomology	9-25-02	100	115,000
Miller, Dini M	Assistant Professor	Entomology	8-25-02	100	63,000

Arts & Sciences

Borer, Douglas A	Associate Professor	Political Science	8-10-02	100	54,500
Bunch-Lyons, Beverly	Associate Professor	History	8-10-02	100	53,735
Bunn, Barbara B	Instructor	Chemistry	8-10-02	100	37,636
Creamer, Elizabeth	Associate Professor	Center for Interdisciplinary Studies	8-10-02	100	63,218
Dennison, Catherine	Instructor	English	8-10-02	50	17,075
Di Ventra, Massimiliano	Assistant Professor	Physics	8-10-02	100	61,000
Herndon, Michael	Assistant Professor	Center for Interdisciplinary Studies	8-10-02	100	46,000
King, Belinda B	Professor	Mathematics	8-10-02	100	86,000
King, Belinda B	Professor	Mathematics	8-10-02	100	114,638
McNeal Joanne	Assistant Professor	Center for Interdisciplinary Studies	8-10-02	100	47,455
Nugent, Elizabeth	Instructor	A&AH	8-10-02	100	32,500
Precoda, Karl	Instructor	Center for Interdisciplinary Studies	8-10-02	100	25,600
Rich, Richard C	Professor	Political Science	8-10-02	100	76,864
Shew, Jamie	Assistant Professor	Music	8-10-02	100	35,875
Stallings, Emily W	Instructor	Communication Studies	8-10-02	100	36,000
Weaver, James	Professor	Communication Studies	8/10/02	100	73,391

Business

Belanger, France	Associate Professor, Director	Accounting	8-10-02	100	101,015
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TEACHING AND RESEARCH FACULTY

ADJUSTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Engineering</u>					
Chen, Fengshan F	Professor Eminent Scholar	Industrial & Systems Engineering	8-10-02	100	107,770
Claus, Richard O	Professor Eminent Scholar	Computer Engineering	8-10-02	100	187,385
Hall, Christopher	Associate Professor	Aerospace & Ocean Engr	8-10-02	100	78,000
Leo, Donald J	Associate Professor	Mechanical Engineering	7-01-02	100	87,144
Simpson, Roger L	Professor Eminent Scholar	Aerospace & Ocean Engr	8-10-02	100	181,275
Thole, Karen	Associate Professor	Mechanical Engineering	8-10-02	100	103,308
Woolsey, Craig A	Assistant Professor	Aerospace & Ocean Engr	8-10-02	100	66,500
<u>Human Resources & Education</u>					
Krouscas, James	Assistant Professor	Teaching & Learning	8-10-02	100	47,000
Stremmel, Andrew J	Associate Professor	Human Development	8-10-02	100	70,200
<u>Provost</u>					
Bohland, James R	Professor	Office of the Provost	9-01-02	100	195,000
<u>Veterinary Medicine</u>					
Shires, Peter K	Professor	Small Animal Clinical Sciences	8-25-02	100	108,300

ADMINISTRATIVE AND PROFESSIONAL FACULTY**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Coleman, Erinn T	Assoc Extension Agent, Restr	VA Coop Extension	10-10-02	100	31,000
Cooper, Sarah B	Assoc Extension Agent, Restr	VA Coop Extension	9-25-02	100	31,000
Davis, Mark D	Assoc Extension Agent, Restr	VA Coop Extension	11-01-02	100	35,000
Ferrigan, Jan	Extension Agent, Restr	VA Coop Extension	8-25-02	100	37,440
Grosz, Lynn E	Assoc Extension Agent, Restr	VA Coop Extension	9-25-02	100	33,000
Kapsa, Jennifer Pierce	Assoc Extension Agent, Restr	VA Coop Extension	10-10-02	100	33,000
Knott, Lisa D	Assoc Extension Agent, Restr	VA Coop Extension	10-10-02	100	33,000
Linkins, Thomas Michael	Assoc Extension Agent & Environmental Horticulture	VA Coop Extension	10-10-02	100	49,800
Mallory, Kelly M	Associate Extension Agent, Restr	VA Coop Extension	9-25-02	100	31,000
Poole, Michael J	4-H Program Assoc, Restr	VA Coop Extension	8-25-02	100	24,000
Rountree, Glenn T	Assoc Extension Agent, Restr	VA Coop Extension	9-10-02	100	33,000
Thacker, Paige E	Assoc Extension Agent	VA Coop Extension	9-25-02	100	41,000
<u>Athletics</u>					
Hopkins, Michael	Asst Men's Basketball Coach	Athletics	8-10-02	100	58,000
Klink, Elizabeth	Asst Men's & Women's Swim Coach	Athletics	8-19-02	100	21,000
Locklin, Bert E	Men's & Women's Diving Coach	Athletics	8-25-02	100	19,500
Mastro, Christine A	Asst Lacrosse Coach	Athletics	7-29-02	100	24,000
Ray, Andre	Adm Asst Men's Basketball	Athletics	8-10-02	100	18,000
Sturk, Johan	Asst Men's Tennis Coach	Athletics	8-27-02	80	20,000
<u>Provost</u>					
Collins, Denise E	Special Asst to Provost, Restr	Provost	7-25-02	100	40,000
Fizzano, Amber	Academic Advisor	Univ Academic Advising Ctr	8-25-02	100	28,000
Scales III, William D	Asst Dir Stu Athlete Acad Support, Restr	Student Athlete Academic Supp	8-19-02	100	30,000
Shephard, Virginia L	Interim Assistant Director, Restr	University Honors	9-20-02	100	32,000

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ADMINISTRATIVE AND PROFESSIONAL FACULTY

NEW APPOINTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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Vice President for Development & University Relations

Graham, Thomas K	Asst Dir of Development for Intercollegiate Athletics	University Development	10-07-02	100	34,000
Lewis, Lori A	Director of Dev – Engr	University Development	11-04-02	100	90,000
Thornburg, Brian S	Asst Director of Dev – Athletics	University Development	9-10-02	100	34,000

Vice President for Student Affairs

Marrara II, Lewis A	Coordinator of Greek Life, Restr	University Unions & Student Act	9-02-02	50	17,000
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Vice Provost for Outreach

Lilly, Ashleigh M	Resident Advisor, Restr	Ctr European Studies & Arch	8-01-02	100	18,707
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ADMINISTRATIVE AND PROFESSIONAL FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Aveni, Marc	Professional Lecturer	VA Coop Extension	8-10-02	100	60,000
Bordas, Adria C	Assoc Extension Agent & Environmental Horticulture	VA Coop Extension	7-01-02	100	51,200
<u>Arts & Science</u>					
Evans, Jackson	Director of Academic Advising	Biology	8-10-02	100	37,000
<u>Engineering</u>					
Nystrom, Lynn	Lecturer Admin	College of Engineering	9-25-02	100	67,200
<u>Executive Vice President</u>					
McCoy, Lenwood D	Assoc VP for Special Initiatives	Executive Vice President	8-10-02	60	92,918
<u>Graduate School</u>					
Avery, Roger J	Professor	Dean - Graduate School	5-10-02	100	144,330
<u>Provost</u>					
Smith, Kenneth S	Fiscal Officer	Provost	8-25-02	100	66,000
<u>Vice President for Development & University Relations</u>					
Albimino, Sam	Dir Of Corp/Fdn Relations	University Development	9-1-02	100	81,000
Arsenault, Rhonda	Asst VP University Development	University Development	9-1-02	100	75,000
Corvin, Timothy	AVP University Development	University Development	9-1-02	100	113,400
Talbott, Connie	AVP for Capital Support	University Development	9-1-02	100	92,000

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ADMINISTRATIVE AND PROFESSIONAL FACULTY

ADJUSTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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Vice President for Student Affairs

Hunter, Stephen	Associate Director	Career Services	8-10-02	100	70,527
Keppel-Benson, Jane	Director of Training	Cook Counseling Center	7-25-02	100	47,678

SPECIAL RESEARCH FACULTY**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Halsey, Tammy C	Project Associate	Agricultural & Ext Education	7-25-02	100	40,000
Jiang, Shu	Postdoctoral Associate	Biochemistry	8-19-02	100	30,000
Peacock, Patricia	Research Associate	VA Coop Extension	9-09-02	100	33,000
Scaglia, Guillermo	Postdoctoral Associate	Animal & Poultry Sciences	8-15-02	100	40,000
<u>Arts & Sciences</u>					
Farcas, Aurica	Postdoctoral Associate	Chemistry	9-01-02	100	25,000
Holder, Alvin	Research Scientist	Chemistry	8-19-02	100	29,700
Kishimoto, Tadashi	Postdoctoral Associate	Biology	9-02-02	100	28,000
Pelanne, Lisa	Research Associate	Food Science & Technology	9-23-02	100	36,000
<u>Engineering</u>					
Foschini, Cesar R	Research Associate	Materials Science & Engr	9-30-02	100	32,000
Suh, Seong Y	Research Associate	Electrical & Computer Engr	8-10-02	100	60,000
Sun, Zuo	Research Scientist	Engineering Science & Mechanics	8-14-02	100	35,000
Vlachos, Pavlos	Research Assistant Professor	Engineering Science & Mechanics	7-25-02	100	43,333
Zhang, Fajian	Research Associate	Electrical & Computer Engr	9-13-02	100	26,000
<u>Human Resources & Education</u>					
Greenberg, Robert J	Project Associate	Human Development	10-01-02	100	74,000
<u>Natural Resources</u>					
Hata, David N	Postdoctoral Associate	Fisheries & Wildlife Sciences	7-29-02	100	40,000
Lee, Jong Nam	Postdoctoral Associate	Sustainable Engr Materials Inst	10-10-02	100	31,000
Lee, Sang-Mook	Postdoctoral Associate	Wood Science & Forest Products	9-18-02	100	40,000
Popescu, Sorin C	Postdoctoral Associate	Forestry	8-5-02	100	36,000

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SPECIAL RESEARCH FACULTY**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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President

Arredondo, Felipe	Research Associate	VA Bioinformatics Institute	8-10-02	100	60,000
Chen, Qiang	Senior Research Associate	VA Bioinformatics Institute	9-30-02	100	68,000
Dou, Daolong	Postdoctoral Associate	VA Bioinformatics Institute	10-01-02	100	45,000
Ni, Hanning	Research Associate	VA Bioinformatics Institute	10-01-02	100	52,000
Weyer, Maureen	Project Associate	Office for Equal Opportunity	8-10-02	100	38,000
Yoo, Changwon	Sr Research Associate	VA Bioinformatics Institute	10-01-02	100	75,000
Zhou, Lecong	Postdoctoral Associate	VA Bioinformatics Institute	10-01-02	100	45,000

Vice President for Information Technology

Dorr, Donna	Project Associate	Vice President Information Sys	8-19-02	100	43,000
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Vice Provost for Outreach

Heinrichs, Elvis A	Sr Project Associate	International Research & Dev	9-10-02	100	85,000
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Vice Provost for Research

Bucher, Craig M	Research Associate	VA Tech Transportation Institute	8-19-02	100	58,000
Heisey, Cheryl	Senior Project Associate	Materials Research Institute	9-3-02	100	35,000
Perez, Miguel	Research Associate	VA Tech Transportation Institute	8-10-02	100	57,500

SPECIAL RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
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Agriculture & Life Sciences

Qi, Yumin	Postdoctoral Assoc	Biochemistry	09-25-02	100	27,939
Traynor, Patricia L	Research Scientist	Biochemistry	9-10-02	40	34,535

Architecture & Urban Studies

Price-Rhodes, Melony	Project Associate	CPAP/IPPR	7-25-02	100	48,600
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Arts & Sciences

Lower, Brian	Postdoctoral Associate	Geological Sciences	9-10-02	100	37,000
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Natural Resources

Gooss, Kevin M	Project Associate	Conservation Management Inst	10-01-02	100	30,000
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President

Guo, Dianjing	Sr Research Assoc	VA Bioinformatics Institute	10-01-02	100	60,000
Kruzelock, Russell	Research Assistant Prof	VA Bioinformatics Institute	06-25-02	100	99,400

Vice Provost for Research

Hankey, Jon J	Research Scientist	VA Tech Transportation Institute	9-1-02	100	112,223
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RECOMMENDATION - That the personnel report of new appointments and special actions be ratified.

**APPROVAL OF BONUSES FOR THE
HISPANIC COLLEGE FUND FOOTBALL CLASSIC**

The Virginia Tech Hokies opened the 2002 football season with the 3rd Annual Hispanic College Fund Football Classic. The Hokies played host to Arkansas State University in this pre-season opener held on August 25, and defeated the ASU Indians by a score of 63-7.

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 Hispanic College Fund Football Classic be approved.

November 11, 2002

Hispanic College Fund Football Classic Bonus Recommendations

November 11, 2002

<u>Contractual Bonus:</u>	<u>Title</u>	<u>Bonus Amount</u>
Foster, Bud	Defensive Coordinator	\$ 7,500
Stinespring, Bryan	Offensive Coordinator	<u>7,500</u>
Subtotal Contractual Bonuses:		\$ 15,000
<u>Non-Contractual Bonus:</u>		
Ball, Tony	Assistant Coach	\$ 5,000
Cavanaugh, Jim	Assistant Coach	5,000
Hite, Billy	Associate Head Coach	5,000
Pearman, Danny	Assistant Coach	5,000
Rogers, Kevin	Assistant Coach	5,000
Ward, Lorenzo	Assistant Coach	5,000
Wiles, Charley	Assistant Coach	<u>5,000</u>
Subtotal Non-Contractual Bonuses:		\$ 35,000
TOTAL ALL BONUSES:		\$ 50,000