

Virginia Tech Board of Visitors Meeting

March 26, 2007

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MINUTES
March 26, 2007

The Board of Visitors of Virginia Polytechnic Institute and State University met on Monday, March 26, 2007, at 1:15 p.m. in Torgersen Boardroom, Virginia Tech Campus, Blacksburg, Virginia.

Present

Mr. Michael Anzilotti
Ms. Beverley Dalton
Mr. Ben J. Davenport, Jr.
Ms. Michele Duke
Mr. Robert L. Freeman, Jr.
Mr. L. Bruce Holland
Mr. John R. Lawson, II
Ms. Sandra Stiner Lowe
Mr. Jacob A. Lutz, III
Mr. James W. Severt, Sr.
Mr. James R. Smith
Mr. Phillip S. Thompson
Dr. Lori Wagner
Dr. Kerry J. Redican, President, Faculty Senate
Ms. Jean Brickey, President, Staff Senate
Mr. Gregory Sagstetter, Undergraduate Student Representative
Ms. Ennis McCrery, Graduate Student Representative

Absent

Mr. George Nolen

Also present were the following: Dr. Charles Steger, Mr. Erv Blythe, Dr. James Bohland, Mr. Ralph Byers, Mr. Denny Cochran, Mr. Ron Daniel, Dr. Karen DePauw, Dr. John Dooley, Dr. Brad Fenwick, Dr. Richard Ferraro, Dr. Elizabeth Flanagan, Police Chief Wendell Flinchum, Dr. David Ford, Ms. Kay Heidbreder, Dr. Zenobia Hikes, Mr. Scott Hurst, Mr. James Hyatt, Ms. Laura Fornash, Mr. Paul Lancaster, Ms. Heidi McCoy, Dr. Mark McNamee, Ms. Kim O'Rourke, Mr. Mark Owczarski, Ms. Ellen Plummer, Ms. Susanna Rinehart, Mr. Dwight Shelton, Dr. Raymond Smoot, Dr. Edward Spencer, Mr. Jeb Stewart, Dr. Thomas Tillar, Dr. Lisa Wilkes, Ms. Sandra Smith, Ms. Teresa Wright, faculty, staff, students, guests, and reporters.

Rector Lutz asked for a motion of approval of the minutes of the November 6, 2006, meeting as amended with a name change from Mr. Thompson to Mr. Anzilotti to the resolutions on pages 8 and 9. The motion was made by Mr. Thompson and seconded by Mr. Lawson. The minutes were approved.

REPORT OF THE ACADEMIC AFFAIRS COMMITTEE

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

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

Resolution for Approval to Establish a Master of Arts Degree in Foreign Languages, Cultures and Literatures

That the Master of Arts in Foreign Languages, Cultures and Literatures be approved and the proposal forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval. (Copy filed with the permanent minutes and marked Attachment B.)

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

Resolution for Approval to Establish a Master of Science Degree in Biomedical Technology Development and Management

That the Master of Science in Biomedical Technology Development and Management be approved and the proposal forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval. (Copy filed with the permanent minutes and marked Attachment C.)

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

**Resolution for Approval to Establish a Ph.D. in
STEM Education: Engineering**

That the Ph.D. in STEM Education: Engineering be approved and forwarded to the State Council of Higher Education (SCHEV) for Virginia for further review and approval. (Copy filed with the permanent minutes and marked Attachment D.)

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

Resolution for Approval of Valid Issues for Faculty Grievances

That the Faculty Handbook be revised to clarify grievable issues to include substantive issues of process related to promotion and/or tenure. (Copy files with the permanent minutes and marked Attachment E.)

REPORT OF THE BUILDINGS AND GROUNDS COMMITTEE

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

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

**Resolution for Approval to Change Authorities of
Vice President for Business Affairs
to Vice President for Administrative Services**

That the resolution granting authorities to the Vice President for Administrative Services be approved. (Copy filed with the permanent minutes and marked Attachment G.)

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

Resolution for Approval for the Authority to Acquire Easements

That the resolution authorizing the Executive Vice President and Chief Operating Officer or his designee to approve the acquisition of easements and execute any documents required be approved. (Copy filed with the permanent minutes and marked Attachment H.)

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

Resolution for Approval for the Comcast Corporation Easement

That the resolution authorizing the Executive Vice President and Chief Operating Officer or his designee to execute the easement to Comcast Corporation be approved. (Copy filed with the permanent minutes and marked Attachment I.)

REPORT OF THE FINANCE AND AUDIT COMMITTEE

Rector Lutz called on Mr. Thompson for the report of the Finance and Audit Committee. Mr. Thompson added that everything is balanced and the management of the university resources is in great shape. (Copy filed with the permanent minutes and marked Attachment J.)

As part of the Finance and Audit Committee report, and with the endorsement of the Academic Affairs Committee, the following resolution was moved by Mr. Thompson, seconded by Mr. Davenport, and approved. Ms. Duke abstained from voting.

**Resolution for Approval of Faculty Incentive Compensation Plan for the
Marion DuPont Scott Equine Medical Center**

That the proposed Faculty Incentive Compensation Plan for the Marion duPont Scott Equine Medical Center be approved as a pilot program for the next three fiscal years with a full review to be completed at the end of the second fiscal year to test the plan's workability and effectiveness in achieving stated goals. If the outcome of the review is satisfactory, the Board will be asked to approve the program on a permanent basis at that time. (Copy filed with the permanent minutes and marked Attachment K.)

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

Resolution for Approval of 2007-2008 Tuition and Fees

That the proposed tuition and fee rates be approved, effective Fall Semester 2007. (Copy filed with the permanent minutes and marked Attachment L.)

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

**Resolution for Approval of 2007-2008 Compensation
for Graduate Assistants**

That the stipend levels and graduate health insurance program be approved. (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. Thompson, seconded by Mr. Davenport, and approved unanimously.

**Resolution for Approval of Year-to-Date Financial Performance Report
(July 1, 2006 – December 31, 2006)**

That the report of income and expenditures for the University Division and the Cooperative Extension/Agricultural Experiment Station Division for the period of July 1, 2006, through December 31, 2006, 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 Buildings and Grounds Committee, the following resolution was moved by Mr. Thompson, seconded by Ms. Duke, and approved unanimously:

Resolution for Approval of 2008-2014 Capital Outlay Plan

That the list of potential projects for inclusion in the 2008-2014 Capital Outlay Plan be approved and that the University be authorized to develop and submit the Plan, in accordance with future guidance from the state and based on the projects in the approved list. (Copy filed with the permanent minutes and marked Attachment O.)

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

**Resolution for Approval of
Authorization for Basketball Facility**

That the resolution authorizing Virginia Tech to enter into design of a Basketball Practice Facility in consultation with the Division of Student Affairs be approved. (Copy filed with the permanent minutes and marked Attachment P.)

Mr. Anzilotti asked the Board to keep in mind the need for recreational space as the site for the Basketball Facility is considered. Mr. Lutz added that it is his understanding that the Basketball Facility will not dislocate any existing recreational facility (e.g., tennis courts).

REPORT OF THE RESEARCH COMMITTEE

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

Mr. Davenport commented that the numbers in regard to enhanced commercial and foundation relations are amazing.

As part of the Research Committee report, the following resolution was moved by Mr. Davenport, seconded by Mr. Thompson, and approved unanimously.

Resolution to Authorize Office of Sponsored Programs to Negotiate Rights to Intellectual Property

That the resolution affirming the Board of Visitors' commitment to the university's Policy on Intellectual Properties and authorizing the Office of Sponsored Programs to negotiate the full range of sponsor rights to intellectual property depending on the best interests of all parties involved and in accordance with the Intellectual Property Policy and the Code of Virginia be approved. (Copy filed with the permanent minutes and marked Attachment R.)

REPORT OF THE STUDENT AFFAIRS AND ATHLETICS COMMITTEE

Rector Lutz called on Mr. Anzilotti for the report of the Student Affairs and Athletics Committee. (Copy filed with the permanent minutes and marked Attachment S.)

Mr. Anzilotti introduced Dr. Richard Ferraro, the new Assistant Vice President for Student Affairs.

As part of the Student Affairs and Athletics Committee report, the following resolution was moved by Mr. Anzilotti, seconded by Mr. Thompson, and approved unanimously:

**Resolution for Approval of Revision to
Policy 1035 on Student-Athletic Conduct**

That the resolution to revise Policy 1035 on Student-Athlete Conduct be approved effective immediately, and that the revised policy supersede the Comprehensive Action Plan. (Copy filed with the permanent minutes and marked Attachment T.)

PRESIDENT'S REPORT

President Steger reported the Research and Development Disclosures for the Board's information. No action was required. (Copy filed with the permanent minutes and marked Attachment U.)

President Steger called on Mr. Severt for an update on the NCAA Athletics Certification Self-Study. Mr. Severt commented that this is Virginia Tech's second NCAA certification self-study. The purpose is to ensure our commitment to the integrity of intercollegiate athletics. The President oversees athletics, and the role of the Board of Visitors is to assure that the policies of athletics are consistent with the policies of the university. The Board can be assured that this is a very in-depth study, and the work is taken seriously by the almost-70 people involved. To date, there have been an estimated 99 meetings to prepare the report, each lasting one to one-and-one-half hours. Twice a month, the three subcommittees submit draft reports to the steering committee for review. The combined reports currently consist of approximately 400 pages. On or before May 1, 2007, a final report will be submitted to the NCAA for their review. In November, Virginia Tech will be visited by peer groups for an on-site review and questions. Sometime in 2008, Virginia Tech will receive NCAA's official response. The total process takes 18 to 20 months. (Copy filed with the permanent minutes and marked Attachment V.)

President Steger reviewed with the Board the Spring Semester Enrollment Report. President Steger commented that the total enrollment reflects 676 additional students taken in fall 2006. (Copy filed with the permanent minutes and marked Attachment W.)

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President Steger gave a brief review of the management retreat in Greensboro at the Center for Creative Leadership (CCL) earlier in the week attended by senior management, vice presidents, vice provosts, and major center directors. A total of 33 people attended. Evaluations for these individuals were completed by their peers, those who work for them, and those for whom they work. This was also a good opportunity for people to get to know each other better and strengthen working relationships. In this regard, the informal interactions were also of value.

Prior to the Greensboro retreat, President Steger, Provost McNamee and Vice President and Chief Operating Officer Hyatt individually attended a one-week CCL Leadership at the Peak program in Colorado Springs to assess health and work. They were given feedback on how they were perceived in the organization, which is a good management practice in any organization.

In Greensboro, time was also spent considering challenges that will be facing the university in the future. They discussed how to make resource allocation decisions more transparent so people have a better understanding of the trade-offs that are made. They also discussed the need to engage in serious succession planning. President Steger shared with the Board that in six years, 12 percent of Virginia Tech's employees will be eligible for retirement, though not all will retire. This is a major component of the workforce. Individuals are being hired to staff the succession planning enterprise across the entire university to report through Mr. Hyatt's organization. The intention is to develop bright individuals three or four levels down in the organization so they will be ready to assume some of these higher level positions in four or five years. Incentives must be developed for retaining some people, and for encouraging others who would be better suited to another university to pursue outside opportunities.

At the next Academic Council meeting, there will be discussion of a one-and-a-half day retreat organized by Virginia Tech to be held in Roanoke in the fall. [Secretary's note: That discussion was delayed by the tragedy on April 16, 2007.] President Steger thanked Mr. Lutz and Mr. Davenport for attending and participating with the group on the first morning in Greensboro. He expressed appreciation for the opportunity made available by the resources that the Board authorized.

* * * * *

President Steger announced that in regard to Olympic sports, the women's indoor track team won the Atlantic Coast Conference Championship. With the agreement and consent of the Rector and the Board, President Steger would like to convey to the team acclamation for their extraordinary efforts for what they have done for the university. Mr. Lutz added his congratulations.

Appointment of Nominating Committee

Mr. Lutz appointed the nominating committee to choose the Rector, Vice Rector, and Secretary of the Board for 2007-2008. The members are: Mr. Davenport (chair), Mr. Anzilotti, Ms. Lowe, Mr. Severt.

Motion to begin Closed Session

Mr. Davenport 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, review of departments where specific individuals' performance will be discussed, and consideration of personnel changes including appointments, resignations, tenure, and salary adjustments of specific employees and faculty leave approvals.
2. Discussion of the acquisition of real property to support research.
3. The status of current litigation and briefing on actual or probable litigation.
4. University fund raising activities.
5. Discussion of special awards.

all pursuant to the following subparts of 2.2-3711 (A), Code of Virginia, as amended, .1, .3, .7, .8, and .10.

The motion was seconded by Mr. Anzilotti 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. Rector Lutz called the meeting to order and asked Mr. Lawson to make the motion to return to open session.

Mr. Lawson 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. Freeman and passed unanimously.

Upon motion by Mr. Anzilotti and second by Mr. Freeman, unanimous approval was given to the resolutions for approval of **Emerita and Emeritus Status (7)**, as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment X.)

Upon motion by Ms. Lowe and second by Ms. Duke, unanimous approval was given to the resolution for approval of **Professional Development and Research Opportunities – Study-Research Leave (15) and Research Assignment (44)** – as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Y.)

Upon motion by Ms. Lowe and second by Mr. Davenport, unanimous approval was given to the resolutions for approval of **Change of Duty Station (2)**, as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment Z.)

Upon motion by Ms. Lowe and second by Ms. Duke, unanimous approval was given to the resolutions for approval of **Endowed Professorships (3)** as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment AA.)

Upon motion by Mr. Anzilotti and second by Mr. Thompson, approval was given to the **Ratification of the Selection of the 2007-2008 Student Representatives to the Board** as considered in Closed Session. Mr. Anzilotti called upon Mr. Sagstetter and Ms. McCrery to introduce the 2007-2008 Student Representatives to the Board.

Mr. Sagstetter, current undergraduate Student Representative, introduced the **new Undergraduate Student Representative, Ryan Christopher Smith**. Mr. Smith is a fourth-year student and member of the Hillcrest Honors Community. He will receive a triple degree next May in Political Science, Sociology, and Psychology, with a minor in Religion. Ryan has extensive research experience in alcohol abuse prevention, and has received a laundry list of scholarships from across the university, including the John R. Lawson Scholarship for academic achievement and leadership. Mr. Smith also serves on the executive board of the Student Government Association as their Director of Constituent Outreach, with responsibility for measuring student opinion on various issues.

Ms. McCrery, current Graduate Student Representative, introduced the **new Graduate Student Representative, Brennan Shepard**. Mr. Shepard is a Pamplin MBA student, with a concentration in organizational leadership. He holds a graduate assistantship in the Department of Internal Audit. Mr. Shepard earned his B.A. in Political Science from Virginia Tech, and comes from a line of Hokies, including his father and two brothers. Prior to returning to Virginia Tech for graduate school, he worked in business, as well as the Virginia legislature, where he served as a legislative assistant for the 2002-2003 legislative sessions. Mr. Shepard is a native of Roanoke and calls this part of Virginia and Virginia Tech home.

Upon motion by Ms. Lowe and second by Mr. Freeman, approval was given to the **Resolutions to Name University Facilities (2)** as considered in Closed Session. Mr. Lawson abstained from voting. (Copies filed with the permanent minutes and marked Attachment BB.)

Upon motion by Mr. Thompson and second by Ms. Duke, approval was given to the **Resolution for Ratification of Personnel Changes Report** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment CC.) This item was reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

Upon motion by Mr. Thompson and second by Mr. Davenport, approval was given to the **Resolution for Ratification of Contractual Bonuses and Approval of Non-Contractual Bonuses for the Chick-fil-A Bowl** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment DD.)

Upon motion by Mr. Thompson and second by Mr. Davenport, approval was given to the **Resolution for Approval to Provide Vehicle Stipends to Assistant Athletic Directors and Olympic Sports' Head Coaches** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment EE.)

Upon motion by Mr. Thompson and second by Mr. Davenport, approval was given to the **Resolution for Approval of Distribution of NIKE Contract Revenue** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment FF.)

Upon motion by Mr. Thompson and second by Mr. Davenport, approval was given to the **Resolution for Approval of Bonuses for Coaches of the Track and Field Program** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment GG.)

Audit Report

No Action Required

Litigation Report

Not for Approval

The date for the next meeting is June 3-4, 2007, on the Virginia Tech Campus, Blacksburg, Virginia.

[Secretary's Note: An emergency meeting was subsequently called and held on the Virginia Tech Campus on April 17, 2007.]

The meeting adjourned at 3:00 p.m.

**Minutes of the Academic Affairs Committee
March 26, 2007**

Board members present:

Chair: Sandra Stiner Lowe, Shelley Duke, James R. Smith, Ennis McCrery

CLOSED SESSION:

The committee began its meeting with a closed session to consider resolutions concerning appointments to emeritus status, faculty leave, change of duty station, appointments to endowed professorships, and ratification of the personnel changes report. **All resolutions were unanimously approved. The session was formally certified and the committee moved to open session.**

OPEN SESSION:

1. Welcome.

Ms. Lowe welcomed staff and guests to the meeting.

2. Approval of Minutes.

The minutes of the November 6, 2006 were unanimously approved.

Minutes of the joint planning retreat held jointly by the Academic Affairs and Student Affairs committees of the Board. Ms. Lowe drew attention to several recommendations that emerged from the meeting. In particular, Ms. Lowe drew attention to the recommendation from the joint meeting that students and faculty should pledge involvement with the Principles of Community. The Principles might be included in recruitment and application materials, and that there should be accountability for the Principles. Discussion included how to make the Principles and policies that support them communicated widely and available to all members of the university community, including examining the possibility of having students and faculty sign acknowledgement of receipt of the Principles of Community and make it visible by posting faculty signatures on a plaque in the department. The need for students to know where to go for assistance with these concerns was raised.

The committee applauds the creation of a document that links university policies with the Principles of Community and *strongly recommends* that the Commission on Equal Opportunity and Diversity continue this work by identifying strategies to advance the Principles. In addition, the committee recommends that the Commission on Equal Opportunity and Diversity present recommendations to the Provost on how to communicate and support the Principles across the university community. The minutes of the January 22, 2007 joint planning retreat with Student Affairs were approved as discussed.

3. Report of Closed Session Action Items.

Actions taken in closed sessions were reconfirmed through formal unanimous vote of the committee.

4. Provost's Update.

The Principles of Community are not university policy, per se, but are four statements that express the university community's collective commitment to expected behavior. A number of

university policies and procedures support the Principles and provide meaningful accountability for substantive violations. Dr. McNamee outlined examples of policies that support the Principles for example, the policy on ethical faculty behavior, and the anti-discrimination and harassment policy.

Recruiting senior faculty members who can significantly contribute to the academic excellence of the university remains a priority. A *Leading Scholar* recruitment initiative includes securing ten to twelve senior faculty members over the next several years. Ideally, *Leading Scholars* might lead a cluster recruitment and hires in an area of strategic focus and be full professors who are clearly recognized as established or emerging leaders based on scholarly work, honors and awards, publications, reputation and potential for growth as scholars.

Purposes of suggested new faculty incentives are to make Virginia Tech more competitive, support faculty who are successful in competing for grants, to make salaries of research-active faculty members more competitive and to generate additional research funding.

5. Academic Initiatives.

a. Graduate Education.

i. Enrollments. Dr. Karen DePauw provided the committee with an update on graduate enrollment since 2002, specifically the progress with doctoral students (PhD 2010 Program), as well as an overview and analysis of the results of the Business Plan to support graduate education. Ph.D. enrollment has increased from 1,714 in 2002 to 2,449 in 2006 as a result of initiatives.

ii. Graduate degrees presented for approval to the committee:

Master of Arts in Foreign Languages, Cultures, and Literatures. Dr. Richard Shryock presented information about this proposed degree. It would provide a flexible 30 hour curriculum in Hispanic or Francophone studies.

The committee unanimously approved the Master of Arts in Foreign Languages, Cultures, and Literature degree and that the proposal be forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval.

Master of Science in Biomedical Technology Development and Management. Dr. James Bohland presented information about this proposed degree. Offered jointly by Virginia Tech and Georgetown University, this degree will prepare professionals to integrate science with technology, management, ethics, and public policy.

The committee unanimously approved the Master of Science in Biomedical Technology Development and Management degree and that the proposal be forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval.

Ph.D. in STEM Education: Engineering. Dr. Hayden Griffin presented information about this proposed degree. Graduates will be prepared to understand, analyze, and

create contemporary research and new knowledge in teaching and learning in an engineering context.

The committee unanimously approved the Ph.D. in STEM Education: Engineering degree and that the proposal be forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval.

b. Faculty Affairs.

i. Faculty Grievance Policy revisions recommended for approval. Dr. Valerie Hardcastle presented revisions to the policy on faculty grievances that clarifies the list of valid issues for faculty grievances to include substantive issues of *process* that occur during review for promotion and/or tenure. (Appeals related to the *merits* of promotion and tenure cases will continue to be handled through a separate appeals process outlined in the Faculty Handbook).

The committee unanimously approved that the Faculty Handbook be revised to clarify grievable issues to include substantive issues of process related to promotion and/or tenure.

ii. Faculty Incentive Compensation Plan. Dr. Gerhardt Schurig presented information on a faculty incentive compensation plan proposed as a pilot for the Marion duPont Scott Equine Medical Center. Year-end surpluses will be shared with faculty members in proportion to their individual contribution to increased hospital net revenue.

Shelley Duke recused from voting on this motion.

The committee approved that the proposed Faculty Incentive Compensation Plan for the Marion DuPont Scott Equine Medical Center be approved as a pilot program for the next three fiscal years with a full review to be completed at the end of the second fiscal year to test the plan's workability and effectiveness in achieving stated goals. If the outcome of the review is satisfactory, the Board will be asked to approve the program on a permanent basis at that time. The Equine Center resource needs differ from that of the teaching hospital and need to be considered within the university budget process. The committee has requested that they be kept informed of the progress on this plan.

c. Diversity.

i. Task Force on Race and the Institution. Dr. Wayne Scales updated the committee on the progress of the Task Force including preliminary report findings and the timeline for completion of the final report. The final draft of the report will be presented to Dr. McNamee on April 11. The committee will receive a full report that includes recommendations and implementation plans at the June meeting.

ii. Office of Graduate Student Diversity Initiatives. Dr. James Turner, Jr. presented information on the Graduate School Think Tank recommendations and progress on innovative programs designed to identify, recruit, retain, and graduate a diverse graduate student body. A consortium of institutions is being organized into a University Consortium for Diversity (UCD) to increase collaboration and forming Core Research Clusters. Two areas of focus include a computational science workshop delivered

through Graduate Education Development Institute (GEDI) that uses simulation for real-world application for addressing storm surges, tides, and swells in coastal regions.

d. Undergraduate Education.

i. Undergraduate Student Retention and Degree Completion. Dr. Karen Eley Sanders presented data from a study conducted in 2002 that identifies reasons why academically eligible freshmen students admitted in 2001 did not return for a sophomore year. Data indicate that Virginia Tech's retention and graduation rates do not differ significantly from our peers. At Virginia Tech, a disproportionately higher number of non-returners were out-of-state students, more males than females failed to return (consistent with national data), about 25% of non-returners had not declared a major, and more Hispanics and fewer Blacks were non-returners. Most non-returners do not avail themselves of support services. In addition, loneliness and isolation, inadequate advising, and dissatisfaction with course content were most frequently cited reasons for leaving Virginia Tech. It was found that 90% of responders immediately enrolled at another college for a second year of study.

6. Tour of the Undergraduate Center (Hillcrest).

Professor Ron Daniel led the committee on a tour of Hillcrest Hall and a visit to the University Center for Undergraduate Education. Existing and newly renovated spaces in Hillcrest Hall bring together key areas of leadership in the three primary units of the Center: University Honors/Special Curricula, Faculty Development and Assessment, and Liberal Education/University Studies.

Virginia Tech Academic Affairs And Student Affairs BOV Planning Retreat

Date/Time January 22, 2007: 11:00 AM – 2:00 PM

LOCATION: Virginia Tech, Northern Virginia Center, Falls Church, VA
Videoconference Link to Virginia Tech, Blacksburg, VA

ATTENDEES: Falls Church Attendees

Sandra Lowe, Academic Affairs Committee Chair
Michael Anzilotti, Student Affairs Committee Chair
Shelley Duke, Academic Affairs Committee
Lori Wagner, Student Affairs Committee
Jacob Lutz III, Rector

Sharon Martin, Facilitator

Blacksburg Attendees

Mark McNamee, Provost & Vice President for Academic Affairs
Zenobia Hikes, Vice President for Student Affairs
Karen DePauw, Dean of the Graduate School
David Ford, Vice Provost Academic Affairs
Brad Fenwick, Vice President for Research
Pat Hyer, Associate Provost for Academic Administration
Cynthia Bonner, Chief of Staff, Student Affairs
Ed Spencer, Associate Vice President, Student Affairs
Mildred Johnson, Associate Director, Admissions
Jeanne Brickey, Staff Senate President Representative to BOV
Kerry Redican, Faculty Senate President Representative to BOV
Ennis McCrery, Graduate Student Representative to BOV
Greg Sagstetter, Undergraduate Representative to BOV

The goal of the planning retreat was to review and discuss several key issues relating to diversity of the graduate and undergraduate student body. These issues are of joint importance and fall within the domain of the two committees.

MAJOR DISCUSSION TOPICS

Areas of attention and recent accomplishments for the two Board committees were reviewed as a way to provide context for the discussion on diversity. The Board has a particular role to play in developing and overseeing policy issues as it engages in discussions on this topic and all others.

In defining diversity, Ms. Lowe suggested a focus on cultural, racial/ethnic, gender, and economic diversity as most important to address at this time. Dr. McNamee responded and Mrs. Lowe agreed that the university community is committed to a broad approach to diversity, and looks to all elements that make Virginia Tech an educationally rich environment. Corporations are looking to hire students who are proficient and comfortable working in a diverse environment. The University environment should prepare students for this future as well as focus on the educational benefits of a diverse student population.

Student recruitment and retention issues were the focus of much of the discussion. Highlights from the conversation were:

- Recruitment initiatives are critical to diversifying the undergraduate student body. Admissions has a variety of strategies underway – Ron Brown Scholars, Fall Visitation program for underrepresented students, Gateway program in the spring to increase yield, staff visits to high schools throughout Virginia, special letters and calls, etc.
- Marketing pieces reflect a diverse student body, but some students feel photos overstate the extent of diversity on campus and they are disappointed when they arrive. University's recent branding initiative emphasizes our reputation as a science and engineering-based university. That makes us less attractive to potential students who want to pursue other majors. While this is not entirely a race issue, there is a relationship and it makes VT a less attractive and welcoming place for many in the minority community are not pursuing such majors. Residual effects of earlier Board decision are also still being felt in minority communities. Continuing to seek feedback from those we are recruiting about the effectiveness of materials and messages is critical.
- While Virginia Tech has a high freshman to sophomore retention rate, and strong six-year graduation rates, the retention and graduation rates for black students are less than that of white students. To understand why the University needs better information about the reasons that minority students leave Virginia Tech. Campus climate, academic support and achievement, and availability of financial aid are all factors. There are no recent studies of the reasons that students have left VT, although Admissions has followed up on students who have not accepted the offer of admission over the last three years. Graduate students are surveyed at several points in time: those who do not accept enrollment and at graduation. A mid-course survey has also been planned. Capturing information for non-returning undergraduate students could be very useful.
- There is a gap between diversity policy at the University and the climate experienced by the average minority student. Many students view diversity as an issue for minorities to deal with. Until diversity is communicated as a majority student issue as well as a minority student issue, that gap will persist. All students should be exposed to the benefits of diversity as part of their acclimation to campus life.
- It is important to diffuse diversity throughout the curriculum. Faculty development will be a key piece in making that happen.
- Faculty members communicate information about the Principles of Community based on their own awareness and knowledge; the message is not always

consistently communicated to students at large. Communication about the Principles of Community to both faculty and students remains an important challenge. In responding to a question about accountability for faculty members who do not appear to live the Principles, Dr. McNamee responded that the Principles of Community provide a good first step framework for addressing problematic or unacceptable conduct.

- Experience with the alternates of the Ron Brown Scholars Program has proven that there are academically qualified minority students who have not been targeted for recruitment. Some of these students have a real need for scholarships to fund the cost of a Virginia Tech education. In at least one case last year, an alternate Ron Brown Scholar attended another university because of the scholarship offer, yet that student continues to communicate a desire to be at Virginia Tech instead.
- Ms. Johnson pointed out that based on phone surveys conducted by Admissions the single most common reason that students decide to go elsewhere is the availability of scholarships. In addition to a shortage of large scholarship awards, VT also has issues with the decentralization and timing of scholarship awards by the colleges. All too often they are awarded *after* the student has already committed to attend, rather than as a tool to obtain that commitment from an attractive applicant.
- Need-based financial aid highlights the economic status of the student, which is a stigma for some, whereas scholarships highlight academic preparation and achievement. Where possible, It is recommended that Virginia Tech package aid as scholarship programs to make them more attractive to recipients.

SUMMARY OF SUGGESTIONS TO CONSIDER

- Conduct focus groups with first year and underrepresented students to identify successful recruiting practices and to review branding and marketing materials for their effectiveness with different target populations.
- Students and faculty should pledge involvement with the Principles of Community. The Principles of Community might be included in recruitment and application materials. There should be accountability for faculty for the Principles of Community.
- Offer programs and a curriculum to expose the general student population to the meaning and benefits of a diverse student body. To do so in an educational environment will positively emphasize why diversity matters.
- Provide quality advising and mentoring for undergraduates.
- Provide Principles of Community and ethics workshops: possibly include incentives for faculty and students to enhance participation.
- Redesign and institute a formal and comprehensive follow-up plan for minority students who have withdrawn from Virginia Tech as well as those who fail to register for the following semester in order to identify their reasons for resignation. Include follow-up phone calls to validate.
- Increase the number of scholarships available to qualifying students and provide them earlier in the admissions process.

MASTER OF ARTS IN FOREIGN LANGUAGES, CULTURES AND LITERATURES

The ability of our citizens to navigate cultural and linguistic differences will help shape our future as a country. The vital importance of studying foreign languages has been recognized at both the national and state levels. The U.S. Congress designated 2005 as “The Year of Languages” and proclaimed 2006 “The Year of Study Abroad.” Recognizing International Study Week, Governor Warner declared, “teaching international curriculum in our schools and communities, as well as participation in foreign exchange programs, enhances the continued growth, success and enrichment of Virginia’s population, encourages domestic appreciation for international cultures and helps create goodwill for the United States throughout the world” (November 2005).

The proposed master of arts in foreign languages, cultures and literatures (FLCL) supports the strategic goals of the University in two keys ways. First, the new M.A. will increase the number and breadth of graduate programs in the humanities, fine arts, and social sciences. Second, the FLCL degree will enhance the depth of international graduate programs at Virginia Tech to a level more comparable to that of our peer institutions. Among our 24 peer institutions, all but two offer a graduate program in foreign languages, and nearly all offer a Ph.D. The proposed master of arts program will develop an international scope for language use and cultural knowledge within the contexts of international research, scholarship, teaching, and business. The program will attract and help retain faculty in foreign languages with strong research profiles and will broaden the international resources of Virginia Tech graduate education.

Program Overview:

This new master of arts program will provide a flexible curriculum while building a strong base in language, culture, and literature. A focus on interdisciplinary methods, practical applications, critical approaches, theoretical perspectives, and analytical skills will prepare students for doctoral study or careers in professions such as teaching, business, translating, social work, governmental agencies, and foreign service. The applicant pool for the proposed degree includes graduates of universities in the region, area teachers, and local professionals.

The core of the program provides a solid foundation in Hispanic, French, and Francophone cultures, literatures, and languages as well as course work in areas such as cultural studies, cinema, art history, and business. The program will serve the interests of students seeking an interdisciplinary approach. It stresses the acquisition and development of analytical abilities based on a range of critical approaches. These skills will prepare students to work independently in a variety of settings. The students may be beginning or experienced teachers of secondary-level Spanish and French; potential doctoral students in French or

Spanish at other universities; or future professionals working in international environments.

Criteria for admissions:

- 3.0 GPA in undergraduate or prior graduate work;
- If the applicant's native language is not English, a TOEFL score of 550 (written) or 213 (computerized) or 80 (IBT) is required;
- A minimum of 18 hours of course credit in French or Spanish at the advanced level;
- A writing sample of 5-10 pages in French or Spanish;
- Official transcripts and all other documents required by the Graduate School;
- Applicants whose undergraduate degrees were earned in other fields, or who otherwise do not meet the above requirements, but who provide evidence of capacity to pursue graduate study, may be offered admission into the program with conditional status. Applicants in this category may be asked to appear for a personal interview and to take an appropriate exam. They may also be asked to make up undergraduate deficiencies before being advanced to degree status.

Curriculum:

The degree will require 30 semester hours plus a comprehensive exam or a thesis. Three complementary tracks address multiple career objectives:

Hispanic Studies. This track offers the opportunity to combine the study of literature and culture with applied language for professional fields and international research.

French and Francophone Studies. This track provides a solid foundation in the literature, culture, and language of France and French-speaking areas of the world (such as parts of Canada, Africa, the Caribbean, the Middle East, southeast Asia, and the Pacific). Students will find numerous opportunities for interdisciplinary study and research, including courses in cultural studies, film and business French.

Multilingual Studies. A combination track with a focus in either Spanish or French and a minor in a second language such as German, Latin, ancient Greek, Russian, French, or Spanish. This flexible combination meets students' needs in diverse academic, professional and research careers, and provides the potential for future degree concentrations in languages besides French and Spanish.

The Multilingual Studies track is unique in Virginia. It addresses the reality that many people who study foreign language study more than one language.

Student Learning Outcomes:

Graduates with the master of arts in foreign languages, cultures, and literatures will be able to demonstrate the following:

- A mastery of the methodology, techniques, and approaches to research;
- A sophisticated knowledge of literary theory;
- An understanding of nuanced use of language in literature and in other discourses;
- An ability to produce full-length academic essays.

Relation to Other Virginia Tech Programs:

The FLCL master of arts will contribute positively to existing graduate programs on campus. Establishment of formal ties with Africana Studies, School of Education (EDCI), and the Alliance for Social, Political, Ethical, and Cultural Thought (ASPECT) has already begun. Certain FLCL courses may be cross-listed with these programs. In addition, ASPECT plans to require language competency of its Ph.D. students.

The department is already an active partner in the History department's Area Studies M.A. Program, an interdisciplinary program in History, Foreign Languages and Literatures, and Geography. The current and the past coordinators of this program have been from Department of Foreign Languages and Literatures (FLL). FLL faculty already advise and teach Area Studies students who take a minimum of nine hours in the foreign languages. The FLCL master of arts will enhance the number and breadth of courses available to these students, and further strengthen the Area Studies program.

The Needs of the Commonwealth:

In the proclamation for International Study Week in November 2005, former governor Mark Warner articulated well why Virginia needs to develop further the study of foreign languages and cultures. He stated, "It is important that Virginia's preparatory schools, colleges and universities include international language and cultural lessons in their curriculum so that more students graduate with expertise in foreign languages, cultures and government policies and are able to meet the growing complexities of international business, foreign relations and domestic security." The proposed M.A. program will provide students with advanced-level language skills for personal enrichment and professional development. It will also help with the education of teachers of Spanish and French. According to the Virginia Department of Education, foreign language teachers have been in short supply, ranking seventh in the list of critical shortage areas in 2004-2005 and fifth in the 2006-2007 list.

Evidence of Occupational Demand:

According to the 2006-07 Bureau of Labor Statistics Occupational Outlook Handbook (OOH), many school districts in the U.S. currently have difficulty hiring qualified teachers in some subject areas—most often mathematics, science, bilingual education, and foreign languages. Our program will provide additional teacher training in a key area of national and in-state demand. In the next ten years, 38 percent of Virginia’s teachers will be eligible for retirement. This will exacerbate the current shortage of teachers of foreign languages. The Virginia Employment Commission projects that approximately 29,000 teachers will be needed by the year 2012.

Spanish will be particularly important for working with the increasing Hispanic population of the U.S. and for training people to work with Spanish-speaking countries in our hemisphere.

French is the primary language other than English recommended by the UN Employment Information and Assistance Unit of the Bureau of International Organization Affairs for positions with international organizations. The role of French is reflected in a typical bi-weekly listing of international jobs distributed by the U.S. State Department (8/29/06): 135 required or preferred French, 49 Spanish, 25 a UN language (Arabic, Chinese, English, French, Russian, and Spanish), 6 Arabic, 6 Russian, 2 German, 2 Italian, and 2 Chinese.

Employment of interpreters and translators is projected to increase faster than the average for all occupations over the 2004-2014 period, reflecting strong growth in the industries employing interpreters and translators (OOH 2006-07). Higher demand for interpreters and translators in recent years has been the result of the broadening of international ties and the increase in the number of foreign language speakers in the United States. Both of these trends are expected to continue, contributing to relatively rapid growth in the number of jobs for interpreters and translators. Demand will remain strong for translators of the languages referred to as “PFIGS”—Portuguese, French, Italian, German, and Spanish.

Enrollment Projections:

After start up, the program is expected to enroll approximately 18 students per year, with about six students per year graduating.

RECOMMENDATION:

That the Master of Arts in Foreign Languages, Cultures and Literatures be approved and the proposal forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval.

M.S. IN BIOMEDICAL TECHNOLOGY DEVELOPMENT AND MANAGEMENT

A significant shift is emerging in the way pharmaceutical and biotechnology innovations evolve and ultimately come to market. Industry insiders are arguing that a more integrated approach—one which brings together elements of discovery and development and emphasizes multidisciplinary research—is becoming the standard for realizing improved product quality and efficiencies of scale in bringing drugs and devices to market.

In response to future imperatives for medical product discovery and development, and the emerging needs of industry, regulatory agencies, and education therein, Virginia Tech and Georgetown University have committed to creating a world-class graduate level program built on integrating science with technology, management, ethics, and public policy.

1. Proposed Graduate Curriculum

The degree will require 30 semester hours to include either a 3-hour project and report option plus an elective course, or a 6-hour research and thesis option.

The core of the program consists of 18 credit hours as follows:

- Scientific Core Courses
 - COS 5204 General Human Physiology (2)
 - COS 5214 Human Immunology in Health and Disease (2)
 - COS 5224 Principles of Pharmacology (2)
 - MSE 4574 Biomaterials (3)
- BIT 5474 Computer Based Decision Support Systems (3)
- STAT 5674 Clinical Biostatistics (3)
- COS 5234 Preclinical & Clinical Product Evaluation (3)

Two complementary tracks address multiple career objectives:

Management of Information Technology Track (12 hours)

- BIT 5624 Program Management and Project Leadership (3)
- BIT 5654 Decision Making and Risk Analysis (3)
- COS 5994 Research and Thesis (3 or 6)
- Elective course (3) – *if selecting the 3-hour project and report option*

Discovery & Product Development Track (12 hours)

- COS 5244 Biomedical Device Discovery & Development (3)
- COS 5254 Drug Discovery and Product Development (3)
- COS 5994 Research and Thesis (3 or 6)
- Elective course (3) – *if selecting the 3-hour project and report option*

2. Learning Objectives

a. Assessment of Student Achievement

Each student will select a Graduate Advisory Committee to be approved by the program director. The committee will include track grades in individual courses as well as the students' progress towards completing their plans of study.

Each degree candidate must complete and successfully defend either a research paper or a project and report which demonstrate in-depth knowledge of a particular topic as well as the ability to analyze information, think critically and communicate effectively. The student's advisory committee will act as the examination committee.

b. Program Assessment

The advisory committee will continuously collect data to facilitate program assessment. This is necessary to allow the steering committee to make modifications that will improve outcomes. In addition to collecting numerical data on program outcomes such as program completion rates and time to completion, stakeholders will be asked for qualitative feedback to help generate specific suggestions for program enhancement.

1. Current Students. In addition to normal course evaluations, feedback from current students will be collected once a year about their experience with the program including course availability and program administration.
2. Alumni. One year and five years after graduation, alumni will be surveyed to determine their employment outcomes and to collect data on how appropriate their training was for the job they now hold.
3. Faculty. Faculty teaching in the program will be contacted yearly to give the program feedback on whether students have appropriate preparation (both in terms of courses taken prior to enrollment in this program and also preparation from courses in the program) to succeed in their courses and to provide the steering committee with other suggestions.
4. Industry Contacts. Employers of program alumni will be contacted at least six months after hiring new graduates for data on whether the skills of our graduates are appropriate to their needs. In addition, we will maintain a relationship with the FDA and persons in private industry to make certain that our program is staying current with trends in this field.

3. Relation to Other Programs

Across the United States and internationally, there are several centers and institutes offering certificate and graduate-level degree programs and conducting related scholarship in the areas of drug development, medical devices, clinical investigation, drug development regulatory affairs, and pharmaceutical quality assurance. These

programs are relatively few in number and relatively narrow in scope. None of the centers, institutes, and programs identified significantly mirror the mission and vision of the proposed Virginia Tech-Georgetown joint degree.

4. Justification for the Proposed Program

The creation of the joint degree between Virginia Tech and Georgetown University reflects the ongoing efforts of these two universities to create a mutually beneficial partnership. The partnership closely aligns with the strategic priorities of both institutions—a shared commitment to academic excellence and research that brings international acclaim. Within this stated commitment, each institution has identified a unique target for guiding resource decisions: Virginia Tech’s attainment of heightened research reputation; Georgetown’s successful implementation of the Medical Center’s “Restaging Plan.”

The focus of the educational programs will be on developing a cadre of professionals with superior competencies in a variety of analytical tools including modeling and simulation for business decision-making. The program will utilize a cross-discipline approach to address the industry-recognized need to produce well-rounded professionals, conversant in multiple disciplines.

5. The Needs of the Commonwealth

Research in biotechnology holds the potential to improve both the physical and economic health of the commonwealth. Virginia has a track record of commitment to technology development that has successfully allowed the commonwealth’s economy to replace old industries and maintain economic vitality. The Center for Innovative Technology, a nonprofit organization formed to support research and development leading to the creation of new technology companies, targets biotechnology as one of its strategic focus areas. Virginia is currently home to more than 175 biotechnology, equipment, pharmaceutical and medical device companies. The proposed degree program would support both existing business and future development by creating a skilled workforce that has received innovative training matching employer needs.

6. Evidence of Occupational Demand

The most compelling evidence of demand for graduates is that the Food and Drug Administration’s Center for Devices and Radiological Health has contracted with Virginia Tech and Georgetown University to offer this coursework to their current employees. Through a separate Memorandum of Understanding, the institutions have taught six semesters (11 courses) to a cohort of approximately 20 students. These students are receiving graduate credit and will enroll in this program once approved.

More broadly, the drug and medical product development industry in the United States comprises more than 2,500 places of employment, with companies engaging in a range of activities related to the design and development of pharmaceutical preparations or finished drugs, biological products, chemicals, and diagnostic products. According to the Bureau of Labor Statistics, Occupational Outlook Handbook 2002–2003 Edition, most of these organizations are pharmaceutical firms, although government agencies such as the FDA and NIH have an ongoing need for specially trained graduates in these fields.

7. Revenue and Revenue Sharing

Because students will be able to enroll in this program at either Virginia Tech or Georgetown University, tuition rates must be consistent regardless of institution. Tuition will be set at a level commensurate with appropriate professional degrees. Revenue to each university will flow from tuition paid by individual students enrolled in a course given by that institution. In other words, revenue for Virginia Tech is based on the actual number of students taught, not on the number of students enrolled by Virginia Tech into the joint degree program.

RECOMMENDATION:

That the Master of Science in Biomedical Technology Development and Management be approved and the proposal forwarded to the State Council of Higher Education for Virginia (SCHEV) for further review and approval.

Ph.D. in STEM Education: Engineering

Overview:

The proposed program, *Doctor of Philosophy in STEM Education: Engineering*, to be administered by the Department of Engineering Education (www.enge.vt.edu), will be a research-based doctoral degree, open to students with engineering undergraduate or graduate degrees. The degree will prepare graduates to understand, analyze, and create contemporary research and new knowledge in teaching and learning in an engineering context.

In *Rising Above The Gathering Storm: Energizing and Employing America for a Brighter Economic Future*, the Committee on Prospering in the Global Economy of the 21st Century (the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine) stated that “In a world where advanced knowledge is widespread and low-cost labor is readily available, U.S. advantages in the marketplace and in science and technology have begun to erode.” In response, the report argued that U.S. “federal policy-makers focus new science and technology efforts on meeting the nation’s needs,” especially to:

1. Increase America's talent pool by vastly improving K-12 mathematics and science education;
2. Sustain and strengthen the nation's commitment to long-term basic research;
3. Develop, recruit, and retain top students, scientists, and engineers from both the U.S. and abroad; and
4. Ensure that the United States is the premier place in the world for innovation.

In order to meet this national call for increased numbers of teachers at all levels qualified to teach in the STEM (Science, Technology, Engineering, and Mathematics) disciplines, the scholarly field of engineering education has recently emerged. A research agenda including five priority research areas (i.e., Engineering Epistemologies, Engineering Learning Mechanisms, Engineering Learning Systems, Engineering Diversity and Inclusiveness, and Engineering Assessment) has been identified as a result of a series of NSF-funded National Engineering Education Research Colloquies.

The proposed degree program will fulfill a need for scholar/educators with expertise in both the disciplinary fields of engineering and education to develop and deliver modern engineering curricula and add to the body of knowledge in engineering education. This program will be only the second such program in the world, poising Virginia Tech to be a leader in a growing field with a unique and pressing mission. Further, it will support the engineering education research agenda described above.

Admissions Criteria:

A bachelor of science or master of science in a traditional engineering discipline is required for admission. Exceptional students without engineering degrees may be admitted on a provisional basis pending completion of a suite of undergraduate engineering courses designed to give them a solid foundation in the principles of engineering. GRE scores will be required. Applications will be reviewed in their entirety by the departmental graduate committee. We do not have fixed cut off values for test scores. We will require that applicants present an application that is convincing with regard to academic ability, career focus and potential for success. The application must include three reference letters.

Degree Requirements:

The doctoral program requires completion of 90 semester hours of graduate study, of which a minimum of 18 hours are devoted to required coursework in Engineering Education and Statistics, a minimum of 30 hours are devoted to Research and Dissertation, 30 credits are

devoted to additional elective coursework (including 15 credits in a traditional engineering discipline, 9 credits in the School of Education, and 6 credits supporting the student's research), with the remaining 12 credits devoted to additional hours of Research and Dissertation or any combination of coursework and Research and Dissertation.

The required Engineering Education courses include basic pedagogy in an engineering context, assessment methods, advanced educational research methods, and a 3-credit practicum in which the student will have primary responsibility for teaching engineering courses. The courses in the traditional engineering field and in the School of Education must both be concentrations, where a common theme is present, not merely a set of unrelated courses. Examples of traditional engineering concentrations would be structural mechanics, biomechanics, geospatial engineering, and materials science. Examples of education concentrations would be educational psychology, instructional design, and instructional technology.

Learning Outcomes:

The proposed *Ph.D. in STEM Education: Engineering* will provide graduates with engineering subject matter expertise coupled with expertise in the general field of engineering education that will qualify them for teaching, research, administrative, and leadership positions in education at all levels, positions in corporate training organizations, and positions in educational policy organizations.

The learning outcomes graduates are expected to demonstrate include the ability to:

- Conduct and direct cutting-edge research in engineering education, including areas such as student learning, classroom pedagogy, course and programmatic assessment, and curriculum design.
- Apply the results of such research to the development, teaching, and assessment of engineering courses, curricula, and educational policies in academic and non-academic settings.
- Be prepared for academic, government, and industry positions related to the lifelong education of engineers.
- Accept their responsibility to actively participate and act as leaders in the field through professional organizations, conferences, government organizations, workshops, and related activities associated with the advancement of engineering education and the development of highly qualified engineers and engineering education researchers.

Assessment

The department will assess student learning and program effectiveness on a continuous basis using a series of approaches to effectively triangulate learning outcomes:

- Student learning will be directly assessed in each course of the program
- Annual Student Reviews: Each year, a faculty committee will assess each student's progress towards degree completion to insure that students are meeting requirements and developing competencies.
- Student Surveys and Exit Interviews: Upon completion of the degree, each student will meet with the department head for an exit interview to solicit feedback regarding the program. In addition, the department will conduct regular anonymous surveys of current students and alumni to assess program effectiveness in a range of areas and identify areas of both strengths and weaknesses.
- Program Reviews: The department will conduct periodic reviews, using the benchmarks listed below as a guide, to determine program effectiveness.

- **University Reviews:** The department will participate in college and university outcomes assessment, collecting and providing data as appropriate.

The assessment data can be summarized at any time to meet requirements of the institution's program review cycle. The program will be reviewed under the current policies and review cycle of the Virginia Tech Graduate School.

Benchmarks for Assessing the Program:

The benchmarks, to be considered after the program has been in existence for five years, include enrollment of approximately 25 students at any given time, graduation rates of approximately six degrees awarded per year, employment record of graduates in engineering and/or education positions or acceptance into post-doctoral positions, and satisfaction of students with the program as measured from exit surveys and surveys of graduates after one to two years of employment. If benchmarks are not met, the department and college will consider restructuring the degree program.

Evidence of Employer Demand:

Although there are no precedents for the newly emerging field of Engineering Education, all the data gathered to date does indeed suggest that there is a potential market for graduates with Ph.D.'s in engineering education in academia, industry, and government. Graduates are expected to be employed in higher education, community colleges, private industry, government, and in K-12 education and policymaking. Job functions are expected to include teaching, higher education administration, research, outreach, public service, educational policy, and philanthropy. The Bureau of Labor Statistics website (accessed September 4, 2006) anticipates "much faster than usual" growth in training and development specialists, instructional coordinators, postsecondary engineering teachers, and postsecondary education teachers. Graduates of the proposed Ph.D. program would be qualified for all of those occupations.

The Mine Safety and Health Administration's Mining Institute in Beckley, West Virginia, is an example of a regional employer interested in the Ph.D. program for further education of its professional trainers. As many as 14 trainers in the "Mine Academy" which prepares mine safety inspectors have expressed interest in the degree.

Evidence of Student Demand:

There are two sources of documentation for student demand for the proposed program. First, Purdue University admitted its first graduate class of 11 Ph.D. students to its new Engineering Education graduate program in Fall, 2005. In August 2006 they admitted a similar number of new Ph.D. students. Second, Virginia Tech's Department of Engineering Education has been conducting an ongoing survey for interested parties. In over two years the survey has been active (October 2004-January 2007), 31 potential master's and 79 potential doctoral students have expressed interest in the proposed program. The pool includes 18 international students. One of the most notable aspects of the data is that almost half (48 percent) of the prospective applicant pool is women. This is in sharp contrast to the typical population of engineering, where less than 20 percent women would be normal at the undergraduate level, with an even lower percentage of women at the graduate level.

In addition, engineering education graduate courses created and taught for the past three years by faculty in the Department of Engineering Education in support of an existing Graduate Certificate in Engineering Education have been well received.

Match to Virginia Tech Goals:

The proposed *Ph.D. in STEM Education: Engineering* will be entirely consistent with Virginia Tech's goal to "establish a graduate education portfolio reflective of a 21st century research university" and will support the graduate education strategies of Preparing the Future Professoriate and serve as an integral component of the strategy to focus on Science, Technology, Engineering, and Mathematics (STEM) Education.

Program Resources:

The proposed program is an extension of an existing Certificate in Engineering Education offered by the department, designed to complement graduate degrees in traditional engineering disciplines. All required courses for the Ph.D. are in existence in support of the Certificate program. No faculty will be added because of the new degree program. Because the proposed doctoral degree targets a different group, the certificate program will continue as a means to further support research and practice in engineering education across the U.S.

The College of Engineering currently provides eight graduate teaching assistants to support the overall activities of the Department of Engineering Education. In the future, the majority of these positions would be occupied by students in this new Ph.D. program. Additional sources of funding to support graduate students will be obtained from external grants procured by faculty involved in the program. Existing library, computer, and space resources are adequate to support the program.

RECOMMENDATION:

That the Ph.D. in STEM Education: Engineering be approved and forwarded to the State Council of Higher Education (SCHEV) for further review and approval.

VALID ISSUES FOR FACULTY GRIEVANCES

Whereas, several recent cases concerning promotion and tenure revealed differing views on whether the issues at hand were appropriately a matter for consideration through the grievance process, or whether they should be dealt with through P&T appeal procedures only;

Whereas, the Faculty Senate believes that the grievance process is a more effective vehicle for investigation and resolution of allegations of procedural violations occurring as part of the promotion and tenure review process, and that existing promotion and tenure committees at all levels are best focused on reviewing appeals based on the merits of the case; and

Whereas, participants in the grievance and reconciliation process seek greater clarification of grievable and non-grievable issues;

Therefore, be it resolved that section 2.13.1 of the Faculty Handbook be revised to clarify grievable issues to include substantive issues of process related to promotion and/or tenure.

2.13 Faculty Grievance Policy and Procedures (New or rewritten material in *italics*)

The following procedure is provided as the means for resolution of grievances against a member or members of the university administration brought by members of the instructional faculty, or library or extension and outreach faculty on continued appointment.

2.13.1 Valid Issues for Grievance

For this process, a grievance is defined as a complaint by a faculty member alleging a violation, misinterpretation, or incorrect application of policy, procedure, or practice of the university directly affecting the grievant. Some examples of valid issues for filing a grievance are: ~~reprisals, discriminatory actions, error in application of policy, excessive or inappropriate teaching load/work load assignments, and unreasonable or inappropriate salary adjustments or salary levels.~~

- 1. *improperly or unfairly determined personnel decisions that resulted in: unsatisfactory annual performance evaluation, unreasonable merit adjustment or salary level, or excessive teaching load/work assignments;***
- 2. *substantive violations of promotion and tenure procedures [appeals based on the merits of a promotion and tenure decision are handled by procedures in section 2.8.5 of the Faculty Handbook];***
- 3. *reprisals;***

- 4. substantive error in the application of policy;**
- 5. matters relating to academic freedom;**

Issues not open to grievance: While most faculty disputes with the university administration may be dealt with by this grievance policy, the following issues cannot be made the subject of a grievance:

1. determination of policy appropriately promulgated by the university administration or the university governance system;
2. those items falling within the jurisdiction of other university policies and procedures (for example, complaints of **unlawful** discrimination or harassment, ~~or appeal of a reappointment decision~~, or an appeal **related to the merits of** a promotion and tenure decision);
3. the contents of personnel policies, procedures, rules, regulations, ordinances, and statutes;
4. the routine assignment of university resources (e.g., space, operating funds, parking, etc.), and
5. normal actions taken, or recommendations made, by administrators or committee members acting in an official capacity in the grievance process.
6. termination of appointment by removal for just cause, non-reappointment, or abolition of position, or
7. allegations of misconduct in scholarly activities.

RECOMMENDATION:

That the Faculty Handbook be revised to clarify grievable issues to include substantive issues of process related to promotion and/or tenure.

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

March 26, 2007

The Inn at Virginia Tech and Skelton Conference Center

PRESENT

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Mr. Robert L. Freeman, Jr.
Mr. James W. Severt, Sr.

VPI & SU Staff:

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Mr. William M. Elvey
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Ms. Elizabeth D. Reed
Dr. Raymond D. Smoot, Jr.

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Dr. Elizabeth A. Flanagan-Vice President for Development and University Relations
Mr. Larry Hincker- Associate Vice President for University Relations
Mr. Allan W. Miller- University Editor, University Relations

VISIT TO THE CORPORATE RESEARCH CENTER

The Committee visited the Corporate Research Center and received a presentation on the planned Phase II development from Dr. Joe Meredith, President of the Virginia Tech Corporate Research Center. Required approvals for Phase II land acquisition will be sought at a future time.

OPEN SESSION

Opening Comments: Mr. Lawson called the meeting to order at 9:00 a.m. Mr. Freeman moved the Committee enter into Closed Meeting to discuss the acquisition, use, or disposition of real property, potential litigation, and personnel matters pursuant to §2.2-3711, 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, potential litigation, and personnel matters. Mr. Freeman moved the Committee be reconvened in Open Session at 10:10 a.m. The motion passed unanimously. The Committee members individually certified that, pursuant to §2.2-3711, the Closed Meeting was conducted in conformity with the Code of Virginia.

OPEN SESSION

1. **Report of Closed Meeting:** Mr. Lawson reported that the Committee met in Closed Meeting to discuss acquisition, use, or disposition of real property, pending litigation, and personnel matters. No actions were taken.
2. **Approval of Minutes:** The minutes of the November 6, 2006 meeting were unanimously approved.
3. **Capital Outlay Project Status Report:** The Committee reviewed the status of all capital projects in design, in the bidding process, under construction, recently completed, and pending. Nine projects are in the design phase, four projects are in the bidding process, nine projects are under construction, five projects have recently been completed, and three projects are pending.
4. **Agnew Hall Renovation Design Review:** The Committee received a presentation from Mr. Scott Hurst, University Architect, on the design of the Agnew Hall Renovation project. This project is a renovation of the existing building and the addition of a new stair. The building is approximately 12,500 gross square feet (three full floors and a half basement). The total project cost is \$1,600,000. The Committee approved the design.
5. **Resolution to Change Authorities of VPBA to VPAS:** The Board of Visitors previously granted certain authorities to the Vice President for Business Affairs position. The position is now vacant and the position title has been changed to Vice President for Administrative Services to more clearly reflect the role and responsibilities of the position. The Committee recommended for full board approval the resolution that all authorities previously granted to the Vice President for Business Affairs shall now be granted to the Vice President for Administrative Services.
6. **Resolution for Acquisition of Easements:** The university on occasion has the need to acquire easements from outside entities to support its mission. The Committee recommended for full board approval the resolution authorizing the Executive Vice President and Chief Operating Officer or his designee be authorized to approve the acquisition of easements.

- 7. Resolution for Comcast Easement:** Comcast Corporation has requested the university grant an underground easement forty feet in length across university property on Prices Fork Road in the Town of Blacksburg, Virginia, to provide for the installation of a cable line to access an existing vault. The easement is necessary for Comcast to provide service to the University Gateway Center building. The Committee recommended for full board approval the resolution authorizing the Executive Vice President and Chief Operating Officer or his designee to execute the easement to Comcast Corporation.
- 8. Joint Meeting with Finance and Audit Committee:** The Committee held a Joint Meeting with the Finance and Audit Committee on three agenda items. First, the Committees received a "Report on University Sustainability Initiatives." The university has established a priority to make the campus more sustainable and energy efficient, and has taken a number of proactive steps to achieve this objective. Second, the university has developed a list of potential projects for inclusion in the 2008-2014 Capital Outlay Plan and has requested full board approval and authorization to develop and submit the Plan in accordance with future guidance from the state. Third, the Committees received a presentation on the proposed new Basketball Practice Facility and the university will request full board approval to enter into design. The Committee concurred with the Capital Outlay Plan projects and plan for the Basketball Practice Facility, and deferred to the Finance and Audit Committee to recommend full board approval.

The meeting of the Buildings and Grounds Committee adjourned at 11:55 a.m.

**RESOLUTION TO CHANGE ALL AUTHORITIES GRANTED
TO THE VICE PRESIDENT FOR BUSINESS AFFAIRS TO THE
VICE PRESIDENT FOR ADMINISTRATIVE SERVICES**

The Board of Visitors previously granted certain authorities to the Vice President for Business Affairs position. The position is now vacant and the position title has been changed to Vice President for Administrative Services to more clearly reflect the role and responsibilities of the position. The Board of Visitors is being requested to adopt a resolution granting all authorities previously assigned to the Vice President for Business Affairs to the Vice President for Administrative Services.

**RESOLUTION TO CHANGE ALL AUTHORITIES GRANTED
TO THE VICE PRESIDENT FOR BUSINESS AFFAIRS TO THE
VICE PRESIDENT FOR ADMINISTRATIVE SERVICES**

WHEREAS, the Virginia Polytechnic Institute and State University Board of Visitors granted certain authorities to the Vice President for Business Affairs position; and

WHEREAS, the position is now vacant and the position title has been changed to Vice President for Administrative Services to more clearly reflect the role and responsibilities of the position; and,

NOW, THEREFORE, BE IT RESOLVED, that all authorities previously granted to the Vice President for Business Affairs shall now be granted to the Vice President for Administrative Services.

RECOMMENDATION

That the above resolution granting authorities to the Vice President for Administrative Services be approved.

RESOLUTION FOR ACQUISITION OF EASEMENTS

Virginia Polytechnic Institute and State University on occasion has the need to acquire easements from outside entities to support the mission of the University, such as the electric services and communication network services. The University is requesting that the Executive Vice President and Chief Operating Officer or his designee be authorized to approve the acquisition of easements.

RESOLUTION FOR ACQUISITION OF EASEMENTS

WHEREAS, Section 23-38.88 A. 4 of Subchapter 1 of Chapter 4.10 of the Restructured Higher Education Financial and Administrative Operations Act granted public institutions of higher education the authority to acquire easements provided the institution commits to the Governor and the General Assembly through formal resolution to meeting the state goals as provided in Section 23-38.88 B; and

WHEREAS, on June 13, 2005, the Virginia Tech Board of Visitors passed a resolution committing the University to meet the Commonwealth of Virginia's eleven goals; and

WHEREAS, Virginia Polytechnic Institute and State University on occasion has the need to acquire easements from outside entities to support the mission of the University;

NOW, THEREFORE BE IT RESOLVED, that the Executive Vice President and Chief Operating Officer or his designee be authorized to approve the acquisition of easements and execute any documents required in accordance with applicable procedures for said easements as permitted by Section 23-38.88 of the Code of Virginia (1950), as amended.

RECOMMENDATION:

That the above resolution authorizing the Executive Vice President and Chief Operating Officer or his designee be authorized to approve the acquisition of easements and execute any documents required be approved.

RESOLUTION FOR COMCAST EASEMENT

Comcast Corporation has requested the university grant an underground easement forty feet in length across university property on Prices Fork Road in the Town of Blacksburg, Virginia, to provide for the installation of a cable line to access an existing vault.

The easement is necessary for Comcast to provide service to the University Gateway Center building.

RESOLUTION FOR COMCAST EASEMENT

WHEREAS, the Virginia Tech Foundation has a need for the services of Comcast Corporation in the University Gateway Center building; and

WHEREAS, Comcast Corporation desires to acquire an underground easement forty feet (40') long, four feet (4') wide, two feet (2') on each side of the centerline, for the purposes of constructing, installing, operating, maintaining and repairing an underground cable line or lines and all equipment, accessories and appurtenances necessary to access an existing CATV vault in the 1000 block of Prices Fork Road from Pole # D7H8B; and

WHEREAS, said easement would constitute an easement comprising approximately 0.003 acre of real property located on Prices Fork Road in the Town of Blacksburg, Virginia; and

WHEREAS, said easement is more particularly described on conceptual Comcast drawing signed by Buddy Dix, dated October 17, 2006, and attached hereto as Exhibit A; and

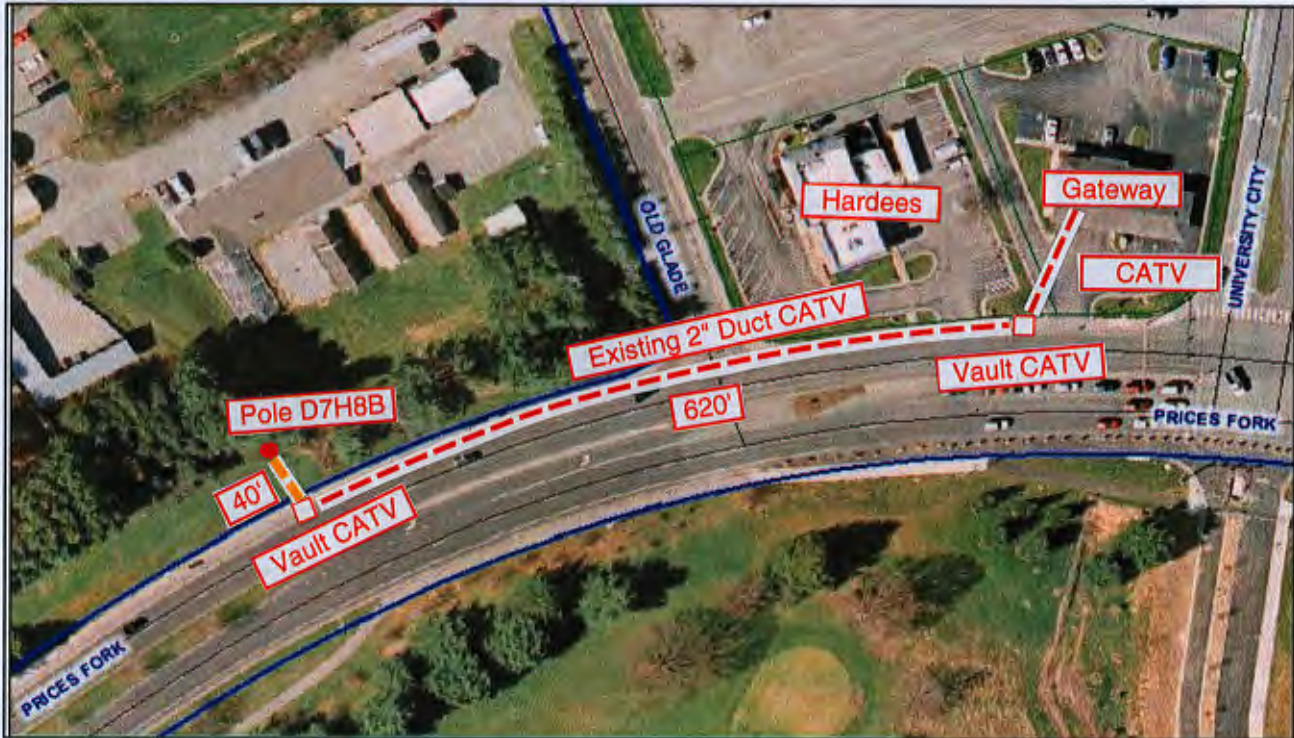
WHEREAS, Virginia Polytechnic Institute and State University desires to grant said easement to Comcast Corporation;

NOW, THEREFORE BE IT RESOLVED, that the Executive Vice President and Chief Operating Officer or his designee be authorized to execute an easement to Comcast Corporation in accordance with applicable procedures for said easement as permitted by Section 23-38.88 of the Code of Virginia (1950), as amended.

RECOMMENDATION:

That the above resolution authorizing the Executive Vice President and Chief Operating Officer or his designee to execute the easement to Comcast Corporation be approved.

Town of Blacksburg, VA



Proposed Comcast Corporation Easement
on the property of Virginia Polytechnic Institute
and State University.

Buddy Dix
Buddy Dix
Construction Coordinator
Comcast Cable

10/17/2006
Date

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

March 26, 2007

FINANCE CLOSED SESSION

PRESENT:

BOARD OF VISITORS: Ms. Beverly Dalton, Mr. Ben Davenport, Mr. Jake Lutz, Mr. Philip Thompson

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

FINANCE CLOSED SESSION: The Committee met in Closed Session to review and take action on the quarterly personnel changes report, bonuses for the Chick-fil-A Bowl, a resolution to provide vehicle stipends to Assistant Athletic Directors and Olympic Sports' Head Coaches, a resolution to approve distribution of NIKE contract revenue, and track and field bonus recommendations.

FINANCE OPEN SESSION

PRESENT:

BOARD OF VISITORS: Ms. Jean Brickey – Staff Senate President, Ms. Beverly Dalton, Mr. Ben Davenport, Mr. Jake Lutz, Dr. Kerry Redican – Faculty Senate President, Mr. Philip Thompson

VPI&SU STAFF: Dr. Richard Benson, Mr. Erv Blythe, Mr. Mel Bowles, Mr. Bob Broyden, Ms. Dawn Camacho, Mr. Al Cooper, Mr. John Cusimano, Mr. Wayne Donald, Ms. Mary Dunker, Mr. Jeff Earley, Dr. David Ford, Ms. Laura Fornash, Mr. Mike Harness, Mr. Rick Hiller, Mr. Tim Hodge, Mr. James Hyatt, Mr. Randy Marchany, Ms. Heidi McCoy, Mr. Ken Miller, Mr. Ed Nelson, Mr. Mark Owczarski, Mr. John Rudd, Dr. Gerhardt Schurig, Mr. Dwight Shelton, Dr. Raymond Smoot, Mr. Jeb Stewart, Mr. Paul Toffenetti, Mr. Nat White, Dr. Lisa Wilkes, Ms. Linda Woodard

GUESTS: Ms. Martha Mavredes, Auditor of Public Accounts, Mr. Jim Quisenberry, Auditor of Public Accounts

1. APPROVAL OF ITEMS DISCUSSED IN CLOSED SESSION:

The Committee reviewed and took the following actions on items discussed in closed session: ratified the Personnel Changes Report, ratified the contractual

bonuses and approved the non-contractual bonuses, approved an annual vehicle stipend to Assistant Athletic Directors and Olympic Sports' Head Coaches, approved the distribution of NIKE contract revenue, and approved track and field bonus recommendations.

2. APPROVAL OF MINUTES OF THE NOVEMBER 6, 2006 MEETING:

The Committee reviewed and approved the minutes of the November 6, 2006 meeting.

3. REVIEW OF SCHOLARSHIP PROGRAMS EXPENDITURE PLANS:

At the March 2006 BOV meeting, the Finance and Audit Committee received a report on the Virginia Tech Foundation Endowment Scholarship Funds Expenditure Plans. The University worked with the college deans and senior management areas where scholarships are held to develop action plans that would fully address the Committee's request to (1) determine a proper level of reserve for the specific unit; and (2) fully utilize funds available annually.

The Committee received a report that provides the first annual update to the Committee on the scholarship programs expenditure plans and the December 31, 2006 cash balance in the endowment account.

ITEM PRESENTED TO THE FULL BOARD FOR APPROVAL

4. FACULTY INCENTIVE COMPENSATION PLAN FOR THE MARION DUPONT SCOTT EQUINE MEDICAL CENTER:

The Committee received a report on the proposed faculty incentive compensation plan for the Marion duPont Scott Equine Medical Center. The purpose of this plan is to provide Virginia-Maryland Regional College of Veterinary Medicine (VMRCVM) faculty serving at the Marion duPont Scott Equine Medical Center (EMC) in Leesburg, Virginia with a special salary payment based on individual contributions toward increased hospital net revenue. The plan is needed to attract and retain qualified faculty in equine surgery and medicine by providing salary levels that are (1) competitive for equine surgeons in the area, and (2) sufficient for the cost of living in Leesburg, Virginia.

The Committee recommended the proposed Faculty Incentive Compensation Plan for the Marion duPont Scott Equine Medical Center to the full Board for approval as a pilot program for the next three fiscal years with a full review to be completed at the end of the second fiscal year to test the plan's workability and effectiveness in achieving stated goals.

ITEMS NOT PRESENTED TO THE FULL BOARD FOR APPROVAL

5. PRESENTATION OF UNIVERSITY'S ANNUAL FINANCIAL REPORT:

The Committee received an overview of the University's Annual Financial Report for the fiscal year ending June 30, 2006. The financial statements have been prepared in accordance with generally accepted accounting principles, and the Auditor of Public Accounts issued an unqualified (or clean) opinion.

The University had total revenues of \$886.3 million and total operating expenses of \$815.2 million resulting in an increase in net assets of \$71.1 million for fiscal year 2006. Total revenues increased by \$85.6 million or 10.7 percent over the previous year. The largest growth in operating revenues was in the Federal, state, local, and nongovernmental grants and contracts which increased by \$18.3 million from the prior year. Total operating expenses increased by \$73.3 million or 9.9 percent in fiscal year 2006. The largest growth in operating expenses occurred in the research category, which grew by \$16.2 million or 9.6%, reflecting continued expansion of existing research efforts and new initiatives.

As of June 30, 2006, the total assets for the affiliated corporations were \$819 million. The Virginia Tech Foundation, Inc., the largest of the affiliated corporations, had total assets of \$808.9 million as of June 30, 2006, which was an increase of \$80.9 million over 2005.

6. REPORT ON THE 2007 LEGISLATIVE SESSION:

The Committee received a report on the results of the 2007 legislative session, including the Governor's Executive Budget as submitted on December 15, 2006. This report presents the major elements of the Executive Budget and General Assembly actions for the 2007-08 budget.

The schedules attached to this report provide an overview of the changes recommended by the conference committee and approved by the General Assembly for the University's operating budgets. The University received an overall E&G appropriation of \$5.69 million and Nongeneral Fund appropriation of \$4.7 million to support base budget adequacy, the tuition moderation incentive fund, and to fund faculty salary increases. The University also received a \$904 thousand appropriation to increase undergraduate student financial aid. Additionally, the University received \$1.27 million to support the Cooperative Extension/Agricultural Experiment Station Division (Agency 229) for the Commonwealth Staffing Initiative, faculty salaries and to implement a study of the plight of Virginia Beekeepers. Relating to capital projects, the University received \$3 million for equipment funding in support of the ICTAS project and \$17.5 million to supplement projects previously approved. The University also received \$3.5 million for a new E&G project (Hazard Waste Facility) and \$27 million for an auxiliary enterprise project (New Residence Hall).

ITEMS PRESENTED TO THE FULL BOARD FOR APPROVAL

7. DISCUSSION AND APPROVAL OF 2007-2008 TUITION AND FEES:

The Committee reviewed the 2007-08 tuition and fee recommendations. The recommended undergraduate rates are lower than the rates specified by the two models in the University's 2006-2012 financial plan and, for graduate students, are consistent with the range of rates specified in those two models. The Tuition Moderation Incentive Fund provides \$1.295 million in General Fund support above other base budget adequacy and enrollment growth funding, contingent upon the institution limiting the increase in tuition and mandatory E&G fees for in-state undergraduates to "not more than six percent for the 2007-08 academic year." The recommended in-state undergraduate rate complies with the incentive funding provided by the 2007 General Assembly. The nonresident undergraduate rate reflects the University's desire to moderate costs on this element of the student body. The Committee discussed the sensitivity needed to manage tuition and address University operations. At the June Board meeting, the Committee requested that the Associate Provost for Undergraduate Admissions brief the Committee on the efforts to address out-of-state enrollment issues in light of tuition increases. The Committee also received recommendations on specialized program rates for some disciplines.

In 2004, a new state policy identified the Average Cost of Education as the instructional funding need generated by the base budget adequacy model. The proposed rates will result in resident and nonresident students as a group paying an average of 47 percent and 125 percent, respectively, of the Average Cost of Education. The University is in compliance with the state policy requiring institutions to charge out-of-state students at least 100 percent of the Average Cost of Education basis.

The Committee recommended the 2007-2008 Tuition and Fees to the full Board for approval.

8. APPROVAL OF 2007-2008 COMPENSATION FOR GRADUATE STUDENTS:

The Committee reviewed and approved the proposed 2007-08 schedule of stipends for graduate students who work as graduate assistants (including graduate teaching assistants and graduate research assistants) while pursuing master's or doctoral degrees. To be competitive in the recruitment and retention of high quality graduate students, it is important for the University to provide compensation packages that are comparable with those offered by our peer institutions. The key components of the compensation packages are competitive stipends, tuition assistance, and health insurance.

For 2007-08, the University proposes to advance the stipend scale by continuing the previously approved November 2006 increase of 3.0 percent and by overlaying a 3.0 percent stipend increase that would normally be effective

November 2007. In conformity with the treatment of stipend increases in prior years, the University would establish the effective date of the increases as August 10, 2007 rather than November 25, 2007 with an offsetting decrease to the stipend increase percentage. The shift to the beginning of the Fall academic term does not affect the total compensation for the graduate students; rather, it spreads the increase over the entire academic year.

The Committee discussed the timing of assistantship notification and potential conflicts that could arise with financial planning for graduate students. The Committee requested the Executive Vice President and Chief Operating Officer and the Dean of the Graduate School present a joint proposal at the June Board meeting that would address the timing concerns raised.

To enhance the University's competitiveness in recruiting highly qualified graduate students, in 2001 the Board of Visitors approved a health insurance program as part of the graduate student compensation package for graduate students on assistantships. In 2006-07, the Board of Visitors authorized coverage of 75 percent of the annual premium for insurance obtained through the University. For 2007-08, the University proposes to continue to increase its support for the graduate health insurance program, in accordance with its strategic objectives, by moving the percentage of the annual covered premium cost from 75 percent to 80 percent.

The Committee recommended the 2007-2008 Compensation for Graduate Students to the full Board for approval.

9. **APPROVAL OF YEAR-TO-DATE FINANCIAL PERFORMANCE REPORT
(JULY 1, 2006 – DECEMBER 31, 2006):**

The Committee reviewed the Year-to-Date Financial Performance Report for July 1, 2006 – December 31, 2006. For the second quarter, all programs of the University were on target and routine budget adjustments were made to reflect changes in projected revenues and expenditures.

During the first quarter, the tuition and fee budget was increased for strong fall enrollment; revenue through the second quarter was higher than historical projections primarily due to the timing of collections as well as strong spring retention. Total sponsored expenditures are less than projected but are ahead of 2005-06 activity levels. The lower expenditures include the impact of the Commonwealth's shift of the July 3, 2006 payroll to 2005-06. Revenues are greater than projected in the Residential and Dining programs due to higher than anticipated dorm occupancy, continued growth in off-campus meal plan sales and dining dollar receipts, increased revenue from summer conferences and catering services, and interest earnings. Revenues were greater than projected in the Athletic Department due to higher-than-projected income from student fees due to enrollment, ACC allocation receipts from the previous fiscal year, higher than expected football ticket sales, the new Nike contract, and interest

income. Revenues for the Inn at Virginia Tech and Skelton Conference Center are higher-than-projected due to increased lodging, food, and beverage sales. For the quarter ending December 31, 2006, \$32 million had been expended for Educational and General and 2002 General Obligation Bond capital projects, and \$4.9 million had been expended for Auxiliary Enterprises capital projects. Capital outlay expenditures for the six-month period ending December 31, 2006 totaled \$36.9 million.

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

10. **M.S. IN BIOMEDICAL TECHNOLOGY DEVELOPMENT AND MANAGEMENT:**

In response to future imperatives for medical product discovery and development, and the emerging needs of industry, regulatory agencies, and education therein, Virginia Tech and Georgetown University have committed to creating a world-class graduate level program built on integrating science with technology, management, ethics, and public policy. The Committee reviewed and approved the proposed Master of Science in Biomedical Technology Development and Management program.

The Committee recommended the Master of Science in Biomedical Technology Development and Management program to the full Board for approval.

FINANCE OPEN JOINT SESSION

Joint meeting with Buildings and Grounds Committee

PRESENT:

BOARD OF VISITORS: Ms. Jean Brickey – Staff Senate President, Ms. Beverly Dalton, Mr. Ben Davenport, Mr. Robert Freeman, Mr. John Lawson, Mr. Jake Lutz, Dr. Kerry Redican – Faculty Senate President, Mr. Greg Sagstetter – Undergraduate Representative, Mr. James Severt, Mr. Philip Thompson

VPI&SU STAFF: Mr. Erv Blythe, Mr. Bob Broyden, Ms. Dawn Camacho, Mr. Denny Cochrane, Mr. Al Cooper, Mr. John Cusimano, Mr. Wayne Donald, Ms. Mary Dunker, Mr. Jeff Earley, Mr. Bill Elvey, Mr. Tim Hodge, Mr. Scott Hurst, Mr. James Hyatt, Mr. Randy Marchany, Ms. Heidi McCoy, Mr. Ken Miller, Ms. Terri Mitchell, Mr. Mark Owczarski, Ms. Elizabeth Reed, Mr. John Rudd, Mr. Dwight Shelton, Dr. Raymond Smoot, Dr. Charles Steger, Mr. Jeb Stewart, Dr. Lisa Wilkes, Ms. Linda Woodard

GUEST: Mr. Greg Esposito, The Roanoke Times

1. **REPORT ON UNIVERSITY SUSTAINABILITY INITIATIVES:**

Virginia Tech has established a priority to make its campus more sustainable and energy efficient and has taken a number of proactive steps to achieve this objective. As the concept of sustainability has moved more to the forefront, the University has made an effort to implement a number of sustainable measures each year including most recently redefining benchmarks for capital projects and finding innovative ways to recycle materials. The University is in the process of identifying additional sustainability solutions that, along with current sustainability initiatives, will allow Virginia Tech to be a good steward of the environment while providing a high quality of life for learning, living and working. The Committee received a report on the University's sustainability initiatives that (1) illustrates how the University assesses its energy and green status through baseline data, (2) lists select actions the University has taken, is taking, and will take in the future to support and promote sustainability, (3) outlines a few of the major initiatives the University plans to implement in the near future in support of sustainability, and (4) considers opportunities for the University to better communicate a concerted effort at a unified approach for sustainability across the University. This will become an annual report to the Committee.

The Committee commended the University – the faculty, staff and students – who have worked diligently to bring focus to sustainable initiatives at the University.

The Committee accepted the report.

ITEMS PRESENTED TO THE FULL BOARD FOR APPROVAL

2. **APPROVAL OF 2008-2014 CAPITAL OUTLAY PLAN:**

The Committee reviewed for approval the 2008-2014 capital outlay plan. The University prepares an updated Six-Year Capital Outlay Plan every two years as part of the state budget cycle, with the next plan covering 2008-2014 and due for submission to the state in the spring or summer of 2007, the year before the biennium begins.

Preliminary work has been done to identify potential projects for inclusion in the 2008-2014 Capital Outlay Plan in anticipation of future guidance and instructions from the state. These projects are consistent with programmatic needs established for the prior planning period and with the strategic plan of the University, and they position the University with options to respond to guidance from the state.

Since the submission date for the new Plan may occur before the June 2007 Board of Visitors meeting, the University is at this time requesting the review and approval of the list of potential projects for inclusion in the 2008-2014 Capital

Outlay Plan. The University will provide an update to the status of the 2008-2014 Plan at the June Board of Visitors meeting.

The Committee recommended the 2008-2014 Capital Outlay Plan to the full Board for approval.

3. RESOLUTION FOR APPROVAL OF AUTHORIZATION FOR BASKETBALL FACILITY:

As a member of the Atlantic Coast Conference, Virginia Tech competes among the highest level of basketball competition in the NCAA. The University is in the process of enhancing its men's and women's basketball programs in response to this increased level of competition. Proper facilities are a critical element for a successful program; existing practice facilities of the basketball programs do not provide adequate training space; existing space does not meet the expectations of the athletes or coaches and is a deterrent in recruiting. The Committee reviewed for approval a resolution requesting planning authorization to move forward with the design of a proposed Basketball Practice Facility. The University will bring forward to the Board a subsequent request to move forward with construction when design is underway and costs and schedule are validated.

The Committee recommended the authorization for the planning of a new basketball facility to the full Board for approval.

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

ANALYSIS OF 2007 SESSION ACTION ON VIRGINIA TECH OPERATING BUDGET FOR 2007-08
As of February 24, 2007
(Dollars in Thousands)

	Executive Budget		Conference Committee		2007 Session		
	General Fund	Nongeneral Fund	General Fund	Nongeneral Fund	General Fund	Nongeneral Fund	Total
OPERATING SUPPORT							
University Division							
Educational and General (E & G)							
Base Budget Adequacy & Support for Enrollment Growth	\$ 1,924	\$ 2,551	\$ 752	\$ -	\$ 2,676	2,551	\$ 5,227
Tuition Moderation Incentive Fund (a)	-	-	1,295	-	1,295	-	1,295 (a)
Fund faculty salary increases	2,133	-	(766)	-	1,367	-	1,367
Operation and Maintenance of new Facilities	352	665	-	-	352	665	1,017
NGF authority for Continuing Education programs (Technical Adjustment)	-	1,500	-	-	-	1,500	1,500
Subtotal Educational and General	\$ 4,409	\$ 4,716	\$ 1,281	\$ -	\$ 5,690	\$ 4,716	\$ 10,406
Student Financial Aid							
Increase undergraduate student financial aid	904	-	-	-	904	-	904
Subtotal University Division	\$ 5,313	\$ 4,716	\$ 1,281	\$ -	\$ 6,594	\$ 4,716	\$ 11,310
Cooperative Extension/Agricultural Experiment Station Division							
Commonwealth Staffing Initiative	\$ -	\$ -	\$ 461	\$ -	\$ 461	\$ -	\$ 461
Faculty Salaries	298	-	262	-	560	-	560
Implement Study of the Plight of Virginia's Beekeepers	-	-	250	-	250	-	250
Subtotal CE/AES Division	\$ 298	\$ -	\$ 973	\$ -	\$ 1,271	\$ -	\$ 1,271
TOTAL OPERATING SUPPORT	\$ 5,611	\$ 4,716	\$ 2,254	\$ -	\$ 7,865	\$ 4,716	\$ 12,581

(a) Support from the Tuition Moderation Fund is contingent upon the institution limiting the 2007-08 increase in tuition and mandatory E&G fees for in-state undergraduates to six percent or less.

SUMMARY OF 2006 AND 2007 SESSIONS FOR 2007-08 OPERATING BUDGET

As of February 24, 2007

(Dollars in Thousands)

	2006 Session		2007 Session		2007-08 Total		
	General Fund	Nongeneral Fund	General Fund	Nongeneral Fund	General Fund	Nongeneral Fund	Total
<u>University Division</u>							
<u>Educational and General (E & G)</u>							
Base Budget Adequacy & Support for Enrollment Growth	\$ 631	\$ -	\$ 2,676	\$ 2,551	\$ 3,307	\$ 2,551	\$ 5,858
Tuition Moderation Incentive Fund	-	-	1,295	-	1,295	-	1,295
Operation and Maintenance of new facilities	426	571	352	665	778	1,236	2,014
Faculty Salaries	1,734	1,933	1,367	-	3,101	1,933	5,034
Basic Operations	246	-	-	-	246	-	246
NGF authority for E&G (technical)	-	8,767	-	1,500	-	10,267	10,267
Subtotal Educational and General	\$ 3,037	\$ 11,271	\$ 5,690	\$ 4,716	\$ 8,727	\$ 15,987	\$ 24,714
<u>Student Financial Aid</u>							
Undergraduate student financial aid	-	-	904	-	904	-	904
Subtotal University Division	\$ 3,037	\$ 11,271	\$ 6,594	\$ 4,716	\$ 9,631	\$ 15,987	\$ 25,618
<u>Cooperative Extension/Agricultural Experiment Station Division</u>							
Commonwealth Staffing Initiative (7 FTE)	\$ -	\$ -	\$ 461	\$ -	\$ 461	\$ -	\$ 461
Faculty Salaries	681	32	560	-	1,241	32	1,273
Implement Study of the Plight of Virginia's Beekeepers	-	-	250	-	250	-	250
Subtotal CE/AES Division	\$ 681	\$ 32	\$ 1,271	\$ -	\$ 1,952	\$ 32	\$ 1,984
TOTAL OPERATING SUPPORT	\$ 3,718	\$ 11,303	\$ 7,865	\$ 4,716	\$ 11,583	\$ 16,019	\$ 27,602

ANALYSIS OF VIRGINIA TECH CAPITAL PROJECT AMENDMENTS FOR THE 2007 BUDGET SESSION

as of February 24, 2007

(Dollars in Thousands)

	Virginia Tech Requests			Executive Budget			Conference Committee Recommendations		
	State Support	Nongeneral Fund	Total	State Support	Nongeneral Fund	Total	State Support	Nongeneral Fund	Total
1. Equipment Funding									
Institute for Critical Technology and Applied Science I	\$ 3,004	\$ -	\$ 3,004	\$ 3,004	\$ -	\$ 3,004	\$ 3,004	\$ -	\$ 3,004
Total Equipment Funding	3,004	-	3,004	3,004	-	3,004	3,004	-	3,004
2. Project Supplements									
Institute for Critical Technology and Applied Science I	2,989	-	2,989	2,990	-	2,990	2,990	-	2,990 (d)
Building Construction Laboratory	298	-	298	298	-	298	298	-	298 (d)
Cowgill Hall HVAC and Power	1,225	-	1,225	1,225	-	1,225	1,225	-	1,225 (d)
Performance Hall	-	13,000	13,000 (b)	-	-	-	-	13,000	13,000 (c)
Total Supplement Funding	4,512	13,000	17,512	4,513	-	4,513	4,513	13,000	17,513
3. Educational and General Projects									
Hazardous Waste Facility	3,500	-	3,500	3,500	-	3,500	3,500	-	3,500
Replace Deteriorated Section of Davidson Hall	29,900	-	29,900 (a) (b)	-	-	-	-	-	-
Renovate Liberal Arts Building	6,500	-	6,500 (a) (b)	-	-	-	-	-	-
Construct Engineering/Computational Sciences Instruction Facility	21,250	4,250	25,500 (a) (b)	-	-	-	-	-	-
Planning for Human and Agricultural Biosciences Building (Agency 229)	4,200	-	4,200 (a) (b)	-	-	-	-	-	-
Renovate Eastern Shore AREC (Agency 229)	3,600	-	3,600 (a)	-	-	-	-	-	-
Planning for Sciences Research and Academic Building	4,200	-	4,200 (b)	-	-	-	-	-	-
Hampton Roads Classroom	500	-	500 (b)	-	-	-	500	-	500 (d)
Cyber Arts Studio and Creative Technologies Laboratory	19,200	-	19,200 (b)	-	-	-	-	-	-
Total Educational and General Projects	92,850	4,250	97,100	3,500	-	3,500	4,000	-	4,000
4. Auxiliary Enterprise Projects									
New Residence Hall	-	27,000	27,000	-	27,000	27,000 (c)	-	27,000	27,000 (c)
Total Auxiliary Enterprise Projects	-	27,000	27,000	-	27,000	27,000	-	27,000	27,000
TOTAL CAPITAL AMENDMENTS	\$ 100,366	\$ 44,250	\$ 144,616	\$ 11,017	\$ 27,000	\$ 38,017	\$ 11,517	\$ 40,000	\$ 51,517

Notes:

- (a) Secretary of Education did not authorize this project for submission for consideration in the Executive Budget Bill.
 (b) Submitted as amendment to the General Assembly.
 (c) Fund source: 9(c) bonds
 (d) Projects authorized in central appropriation pool funded from general funds with oversight by the Department of General Services.

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

March 26, 2007

AUDIT CLOSED SESSION

PRESENT:

BOARD OF VISITORS: Ms. Beverly Dalton, Mr. Ben Davenport, Mr. Jake Lutz, Mr. Philip Thompson

VPI&SU STAFF: Ms. Kay Heidbreder, Mr. James Hyatt, Mr. John Rudd, Mr. Dwight Shelton, Dr. Charles Steger, 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 were be identified. The Committee also received an update on the outstanding fraud, waste, and abuse cases.

AUDIT OPEN SESSION

PRESENT:

BOARD OF VISITORS: Ms. Jean Brickey – Staff Senate President, Ms. Beverly Dalton, Mr. Ben Davenport, Mr. Jake Lutz, Dr. Kerry Redican – Faculty Senate President, Mr. Philip Thompson

VPI&SU STAFF: Mr. Erv Blythe, Mr. Mel Bowles, Mr. Bob Broyden, Ms. Dawn Camacho, Mr. Al Cooper, Mr. John Cusimano, Mr. Wayne Donald, Ms. Mary Dunker, Mr. Jeff Earley, Ms. Laura Fornash, Mr. Tim Hodge, Mr. James Hyatt, Mr. Randy Marchany, Ms. Heidi McCoy, Dr. Mark McNamee, Mr. Ken Miller, Mr. Mark Owczarski, Mr. John Rudd, Mr. Dwight Shelton, Mr. Jeb Stewart, Mr. Paul Toffenetti, Dr. Lisa Wilkes, Ms. Linda Woodard

GUESTS: Ms. Martha Mavredes, Auditor of Public Accounts, Mr. Jim Quisenberry, Auditor of Public Accounts

AUDIT AGENDA

1. APPROVAL OF MINUTES OF THE NOVEMBER 6, 2006 MEETING:

The Committee reviewed and approved the minutes of the November 6, 2006 meeting.

2. SCOPE DISCUSSION WITH AUDITOR OF PUBLIC ACCOUNTS (APA) AUDITORS:

The Committee met with the Deputy Auditor of the Auditor of Public Accounts (APA) for a scope discussion. The Deputy Auditor discussed the recent APA report: *Review of Debt at State Supported Institutions of Higher Education*. She suggested that the University review its Debt Policy and ensure all aspects are incorporated. The University will review the report and provide recommended changes to the Committee at a future Board meeting.

The Deputy Auditor also indicated that the University received an adequate rating for its Information Technology Security. This is the highest rating possible.

Lastly, the Deputy Auditor reviewed the upcoming aspects that will be covered in the 2007 APA audit.

3. REVIEW OF INTERNAL AUDIT DEPARTMENT'S STATUS REPORT AS OF DECEMBER 31, 2006:

The Committee reviewed the Internal Audit Department's Status Report as of December 31, 2006. In addition to conducting scheduled audits, the audit department participated in annual audit activities; fraud, waste, and abuse audits; and professional development activities. Additionally, in response to a recommendation in its Quality Assurance Report, Internal Audit has fully implemented all modules of its new Audit Management System which provides greater security and efficient on-line review and approval of its electronic audit work papers. Staff reporting to the Vice President for Budget and Financial Management who are assigned responsibility for tracking management action plans have indicated that the system provides an excellent tool for keeping abreast of audit's follow-up activities and enhancing communication between the two groups.

During the quarter the Internal Audit Department worked jointly with the audit staff of the Virginia Tech Foundation, Inc. (VTF) to ensure that an audit conducted by Internal Audit considered all funds and programs not included in the audit by VTF of the same unit.

The Committee accepted the report.

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

The Committee reviewed the following Internal Audit reports:

A. Office of Multicultural Affairs

The Committee received a report on the audit of the Office of Multicultural Affairs (OMA). The audit indicated that the overall risk exposure is medium and the internal control system is effective, but some improvements are recommended. The audit recommendations include: enhance the influence of the OMA over the diversity strategic planning process and progress towards its goals; enhance the OMA financial reconciliation process; and improve the security of its desktop systems and the usability of the departmental web site. Management is working to implement improvements to address the recommendations.

B. Athletics NCAA Compliance – Playing and Practice Seasons, Summer Campus and Financial Aid

The Committee received a report on the audit of the Athletics NCAA Compliance program. The audit indicated that the overall risk exposure is high and the internal control system is effective, but some improvements are recommended. The audit recommendations include: development of procedures to monitor refunds issued to student-athletes who are virtual campus students and are refunded for on-campus student fees; inform the NCAA of violation that occurred as a result of virtual campus refunds to student athletes identified during audit; ensure that all student athletes sign drug testing consent forms and that these forms are kept on file for the required time period; improve controls over summer camp employment; and improve controls over summer camp financial and insurance information. Management is working to implement improvements to address the recommendations.

C. Office of the University Registrar

The Committee received a report on the audit of the University Registrar. The audit indicated that the overall risk exposure is high and the internal control system is effective, but some improvements are recommended. The audit recommendations include: implement an annual review of users with access to student records; develop written procedures for the proper disposal of student record access request forms; and ensure quality of service provided by Classroom Audio Visual Services is sufficient by assessing staffing levels and training requirements. Management is working to implement improvements to address the recommendations.

D. Parking Services

The Committee received a report on the audit of the University's Parking Services. The audit indicated that the overall risk exposure is medium and the internal control system is effective, but some improvements are recommended. The audit recommendations include: enhance Oracle database monitoring, security and performance; reassign database roles to remove unnecessary privileges among users; create strong password policy within the database; and perform monthly reconciliations of all manual and automated bills sent to customers to the billing logs produced by the parking system. Management is working to implement improvements to address the recommendations.

E. Compliance Review – Disposal of Surplus Computers and other Electronic Equipment

The Committee received a report on the review of the disposal of surplus computers and other electronic equipment. The review indicated that the internal control system is effective. The warehouse is in compliance with University procedures in overwriting data or destruction of hard drives of surplus computers.

F. Office of Sponsored Programs

The Committee received a report on the audit of the Office of Sponsored Programs Post Award. The audit indicated that the overall risk exposure is high and the internal control system is effective, but minor improvements are recommended. The audit recommendations include: improve adherence to close-out procedures stipulated in departmental policies and procedures; and enhance monitoring procedures to identify mislabeled "completed" sponsored projects in the accounting system prior to submission of final bill to the sponsor. Management is working to implement improvements to address the recommendations.

5. REVIEW AND ACCEPTANCE OF UNIVERSITY'S UPDATE OF RESPONSES TO ALL PREVIOUSLY ISSUED INTERNAL AUDIT REPORTS:

The Committee reviewed the University's update of responses to all previously issued internal audit reports. At the November meeting, the University reported that as of September 30, 2006, 31 high or medium risk audit comments remained outstanding. An additional 11 comments have been issued since then for a total of 42 comments. As of December 31, 2006, the University has addressed 29 comments, leaving 13 comments still in progress.

Since the issuance of the quarterly report on December 31, 2006, departments have addressed 5 additional comments.

The committee accepted the report.

6. REPORT ON REVIEW OF PREVIOUS APA MANAGEMENT LETTER COMMENTS:

At the November 2006 meeting, the Committee received a draft management letter from the Auditor of Public Accounts in concert with the annual audit of the University's financial statements. During the presentation of the letter, the Deputy Director for the Auditor of Public Accounts briefly touched on the potential effect of recurring audit issues as an indicator of risk and the impact such issues could have on the auditor's opinion based on the new industry Statement on Auditing Standards 112, Communicating Internal Control Related Matters Identified in an Audit. As a result of this discussion, the Committee asked that management review all audit comments, both written and verbal, from the past three years to determine if any pattern of issues exists that needs to be addressed and to ensure that all matters of concern have been addressed. The Committee was provided a report in response to the Committee's request.

7. OVERVIEW OF AGENCY RISK MANAGEMENT AND INTERNAL CONTROL STANDARDS (ARMICS)

On November 15, 2006, the State Comptroller issued a directive called "*Agency Risk Management and Internal Control Standards*" (ARMICS). ARMICS sets minimum requirements for the establishment and assessment of internal controls in order to effectively manage risk and maintain accountability for all agencies in the Commonwealth of Virginia. The Committee was presented a report providing an initial review of the requirements of the directive, the implication for Virginia Tech, and the University's plans and actions to assess and monitor internal controls in preparation for these new standards.

8. STATUS REPORT ON FINANCIAL AND BUSINESS MANAGEMENT COMPLIANCE PROGRAM:

During the November 2006 meeting of the Finance and Audit Committee, the members received an update on the development of an annual compliance program that would include a department level certification regarding compliance with key internal controls and business practices. The Committee was provided a report of the status of the University's progress and implementation plans for the program.

The University is proceeding with the development of a program which includes a self-assessment of the department's business practices and procedures and an annual certification by the department head regarding the adequacy of internal controls related to business and financial management. A pilot program was completed in March 2007 with full implementation underway during Spring 2007. The Committee agreed with the University's recommendation that this year's program be considered a pilot program and that refinements be made as deemed necessary.

9. REVIEW ON COMPLIANCE WITH AUDIT RESOLUTION OF UNIVERSITY-RELATED CORPORATIONS:

The Committee received a compliance report for the audits of the University-related corporations. These corporations include Virginia Tech Foundation, Inc., Virginia Tech Services, Inc., and Virginia Tech Intellectual Properties, Inc. Each University-related corporation is required to provide audited annual financial statements, management letters from external auditors, and management's responses to the University's Chief Operating Officer. Each corporation is also required to submit an annual certification stating that all procedures outlined in the resolution have been met. All corporations are in full compliance with the Board of Visitors requirements regarding audits.

ITEM PRESENTED TO THE FULL BOARD FOR APPROVAL

10. REPORT ON INFORMATION TECHNOLOGY SECURITY:

At the November 2006 meeting, the Committee requested that the Vice President for Information Technology provide a status report at the March meeting on the units' efforts to address audit comments regarding security issues. The Committee asked that the report address the development of key performance indicators, as well as identify key areas of risk and the performance at a specific point in time. The Committee further requested that the University develop an enterprise Security Policy providing the Vice President for Information Technology with responsibility for handling and taking action on issues of compliance across the entire University. The Committee received a report from the Vice President for Information Technology in response to these requests.

The Committee approved the resolution affirming the authority of the Vice President for Information Technology to establish appropriate security standards and recommended it to the full Board for approval at the June 2007 meeting.

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

FACULTY INCENTIVE COMPENSATION PLAN FOR THE MARION DUPONT SCOTT EQUINE MEDICAL CENTER

Rationale

The purpose of this plan is to provide Virginia-Maryland Regional College of Veterinary Medicine (VMRCVM) faculty serving at the Marion duPont Scott Equine Medical Center (EMC) in Leesburg, Virginia with a special salary payment based on individual contributions toward increased hospital net revenue.

The plan is needed to attract and retain qualified faculty in equine surgery and medicine. Current authorized faculty salary ranges for the EMC are not competitive with salary levels for equine surgeons in the area and are not sufficient for the cost of living in Leesburg, Virginia.

An EMC Incentive Advisory Board will be formed to approve the initial plan and recommend initial approval to the Assistant Vice President for Human Resources, the Provost and the Board of Visitors. The advisory board will also monitor the revenue tracking process, approve the distribution of funds at the end of the fiscal year, resolve issues referred by the EMC Director, and make recommendations regarding the plan as needed. Members of the EMC Incentive Advisory Board shall include the VMRCVM Dean, a Human Resources representative and the VMRCVM Assistant Dean for Administration.

The incentive plan payments will be based on the faculty members' proportional contributions to hospital gross revenue. Gross revenue was selected as the metric because current software in use at the EMC does not provide for tracking expenditures on a case-by-case basis. Should this capability be acquired in the future, the advisory board may approve a net-cost-per-case basis, if such a basis will provide a more accurate calculation of individual incentive payment amounts.

Both VMRCVM and EMC desire to implement such an incentive plan. It is expected that the plan will motivate faculty to increase caseload, increase revenue per case and realize cost reductions. An incentive plan is preferred over a simple bonus plan to directly link the incentive payments with increasing net income.

Staff compensation is not considered in this plan. A separate Awards Program for staff at the EMC will be created as a part of the broader staff Awards Program within the college, pursuant to VT Policy 4335.

Incentive Plan Process

1. The incentive plan will become effective on July 1, 2007, if approved by the Board of Visitors, as a pilot program for a term of three years. A full review of the program will be performed at the end of the second year and presented to the Board of Visitors for approval to continue the program on a permanent basis.
2. The EMC administrator will track hospital revenue by case and by faculty member during the fiscal year.
3. At the end of the fiscal year, the EMC administrator will determine the availability of any budget surplus using the VT Banner final-year-end reports dated June 30 for organization 031800.

4. Instructional funds allocated from VMRCVM Educational and General funds in organization 003800 will only be used for instructional purposes at the EMC and will not be included in the calculations set forth below or be used to subsidize the hospital budget.
5. If no budget surplus funds are realized for a fiscal year, there will be no incentive plan payments for that year.
6. If there is a budget surplus, the EMC administrator will prepare a worksheet detailing the percentage of the total gross revenue attributable to each faculty member.
7. The EMC administrator will then use the faculty member's percentage of total gross revenue to determine his or her proportional share of surplus funds. This worksheet will be made available to all participants in the incentive plan.
8. Using this worksheet, the EMC administrator will then calculate the amount of the incentive payment each faculty member is to receive from the budget surplus.
9. The budget surplus funds will be distributed as follows:
 - Up to \$200,000 will be distributed in total to plan participants (including the administrator and director).
 - Ten percent of the surplus funds will be allocated to the EMC Director and the EMC administrator. The EMC administrator will receive 75% of this amount and the EMC Director will receive 25% of this amount for their administrative efforts to help generate the surplus.
 - The EMC Director will also receive a proportional distribution from the surplus based on his or her role as a case doctor.
 - Budget surplus funds, in excess of the initial \$200,000, will be used as follows: Fifty percent of the excess will be retained for hospital use and fifty percent will be added to the incentive plan for distribution.
10. The EMC Director will review the worksheet and forward a copy with the recommendation to approve the payment to the advisory board.
11. The advisory board will review the recommendation and approve or disapprove the request.
12. Upon approval by the advisory board the incentive payment will be made to each participating faculty member by September 1 of that calendar year. Faculty members who resign prior to the distribution date would forfeit their participation in the incentive plan surplus distribution.
13. EMC faculty who serve as anesthesiologists and radiologists will also participate in the incentive plan and receive a share of the surplus funds based on revenue generated from their services.

RECOMMENDATION:

That the proposed Faculty Incentive Compensation Plan for the Marion duPont Scott Equine Medical Center be approved as a pilot program for the next three fiscal years with a full review to be completed at the end of the second fiscal year to test the plan's workability and effectiveness in achieving stated goals.

March 26, 2007

VIRGINIA TECH

PROPOSED TUITION AND FEE RATES FOR 2007-2008

Background

The period of 1989 to 2007 has been one of significant change in tuition policies and rates. The substantial growth in tuition has been a source of increased concern to institutions of higher education, students, parents, and state officials.

During the period of 1989 to 1996 tuition increased dramatically across the Commonwealth because of the decline in General Fund support for higher education. At Virginia Tech, undergraduate tuition increased by 49 percent for resident students and 91 percent for nonresident students in the six-year period 1989-90 to 1995-96.

In 1994 the Appropriation Act included language which established tuition rate growth caps of three percent for resident students and 7.5 percent for nonresident students for each year of the biennium. For the three-year period of 1996-97, 1997-98, and 1998-99, the Appropriation Act included language which decreed that the tuition for Virginia undergraduates be frozen at the 1995-96 level. The 1999 General Assembly approved a 20 percent reduction in tuition and mandatory Educational and General fees for Virginia undergraduate students and offset the reduction in revenue by providing new General Fund support. The 2000 Appropriation Act included language to continue tuition and mandatory Educational and General fees at 1999-2000 levels for Virginia undergraduate students during the 2000-02 biennium.

To address state revenue shortfalls, language in the 2002 Appropriation Act provided authority to increase tuition and mandatory Educational and General fees for Virginia undergraduate students by as much as 9.0 percent. The 2003 General Assembly approved language to allow for the annualization of the spring 2003 tuition increases and limited increases in tuition and mandatory Educational and General fees for Fall 2003 for Virginia undergraduate students to five percent plus an amount for the nongeneral fund portion of the faculty salary increase and health insurance premium increase.

The authority granted by the 2004 General Assembly continues for 2007-08 and establishes that "The Board of Visitors . . . of institutions of higher education may set tuition and fee charges at levels they deem to be appropriate for all resident student groups based on, but not limited to, competitive market rates, provided that the total revenue generated by the collection of tuition and fees from all students is within the nongeneral fund appropriation for educational and general programs provided in the act."

Effective July 1, 2006 the University entered into a management agreement with the Commonwealth of Virginia. A critical element of this agreement is the reaffirmation of the Board of Visitor's authority to establish tuition and fee rates. This rate setting authority, coupled with the sum sufficient revenue authority to establish nongeneral fund appropriations as provided in the management agreement, provides a much more stable environment for planning and establishment of future tuition and fee rates.

Development of 2007-08 Tuition and Fee Rates

The University traditionally developed tuition and fee proposals in February and March of each year. The final rates were submitted to the Board of Visitors in April. This process allowed the University to incorporate into the tuition and fee proposals the impact of actions taken by the General Assembly session each year.

For 1996-97 the University altered the timetable for the development and approval of tuition and fee rates because of increasing demands to provide tuition and fee charges earlier to university offices and to students and parents. This is particularly important for prospective students who are considering other institutions. Finalizing these rates earlier in the year helps students plan for the financial costs of the upcoming academic year, helps students make decisions such as attendance at summer school, and allows the University Scholarships and Financial Aid Office to deliver more timely and effective financial aid award information to current and prospective students.

The 2007 legislative session concluded on schedule. As a result, the University is able to maintain the traditional schedule of bringing tuition and fee recommendations to the Board of Visitors at the March meeting. This document contains the University's recommendations for the 2007-08 academic year.

Tuition

The University utilized the two scenarios of the 2006-2012 Six Year Financial Plans, as approved by the Board in September 2005, as the framework for the development of tuition and E&G fees based on the level of General Fund support expected to be provided by the 2007 General Assembly.

However, the 2007 General Assembly provided \$1.295 million in General Fund support above other base budget adequacy and enrollment growth funding, contingent upon the institution limiting the increase in tuition and mandatory E&G fees for in-state undergraduates to "not more than six percent for the 2007-08 academic year." This additional funding is a part of the State's proposed Tuition Moderation Incentive Fund. The University has analyzed its tuition options, both with and without the tuition moderation incentive. As a result, the University

recommends that the tuition moderation incentive be accepted; the attached recommendations comply with the tuition moderation incentive.

The annual rates proposed for 2007-08 are shown below:

Full-Time Students

	<u>Actual 2006-07</u>	<u>Proposed 2007-08</u>
<u>Undergraduate</u>		
Resident	\$ 5,450	\$5,772
Nonresident	17,406	17,980
<u>Graduate</u>		
Resident On-Campus	7,017	7,361
Nonresident On-Campus	12,414	13,556
Resident Off-Campus	7,823	8,206
Nonresident Off-Campus	13,341	14,568

The semester rates equal one-half of the annual rates.

Part-Time Students

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. The proposed per hour charges for 2007-08 are:

	<u>Actual 2006-07</u>	<u>Proposed 2007-08</u>
<u>Undergraduate</u>		
Resident	\$227.00/hour	\$240.50/hour
Nonresident	725.25/hour	749.25/hour
<u>Graduate</u>		
Resident On-Campus	389.75/hour	409.00/hour
Nonresident On-Campus	689.75/hour	753.00/hour
Resident Off-Campus	434.50/hour	456.00/hour
Nonresident Off-Campus	741.25/hour	809.25/hour

Veterinary Medicine

When the Virginia-Maryland Regional College of Veterinary Medicine was formed, the two states agreed to provide equal contributions (per student) to the instructional

operating budget. It was also agreed that both Virginia and Maryland students would pay the same resident tuition rate. The tuition agreement has been sustained since the first class was admitted. Until 1996-97 only residents of Virginia and Maryland were admitted for study in the professional veterinary medicine curriculum.

Effective for the Fall 1996, the enrollment policy was modified to admit 10 nonresident students (i.e. non-Virginia and non-Maryland residents) per year until fully implemented in the fall of 1999. This results in a total enrollment of 40 nonresident students. This change did not affect the enrollment totals for Virginia or Maryland.

Each year the tuition proposal is reviewed with the Virginia-Maryland Regional College of Veterinary Medicine Budget and Program Review Board (established to review the college's budget and comprised of representatives from Virginia Tech and the University of Maryland). The University, in conjunction with the Budget and Program Review Board, proposes to increase the tuition rates for all veterinary medicine students for 2007-08. The current and proposed annual tuition rates are displayed below:

	Actual <u>2006-07</u>	Proposed <u>2007-08</u>
Virginia-Maryland Students	\$13,215	\$13,876
Nonresident Students	32,049	33,651

Special Tuition Rates

Special Tuition Rate for Elementary and Secondary School Personnel

The original policy regarding special tuition rates for elementary and secondary school personnel was approved in 1984 and allowed public school teachers to attend graduate classes at Virginia Tech on a reduced tuition schedule for purposes of recertification. Recertification is a statewide requirement and one that can strengthen the total education system. The original policy underscored the University's commitment to improving the quality of elementary and secondary education through the continued education of elementary and secondary school teachers.

In January 1989 the Board of Visitors approved a revised policy. Teachers, counselors, administrators, and supervisors employed by elementary and secondary school systems in the Commonwealth of Virginia may enroll in graduate classes, both on-campus and at off-campus locations, and pay approximately 60 percent of the authorized tuition rate. The Board of Visitors also expanded the policy in two ways: First, all elementary and secondary school personnel are now eligible for the reduced tuition rate. Secondly, all graduate hours qualify for the plan, not just recertification hours. Further, elementary and secondary school personnel may

enroll in an unlimited number of graduate courses for the purpose of recertification or for an advanced degree.

In February 1999 the Board of Visitors approved an expansion of the special tuition rate to include undergraduate-level courses for vocational teachers who do not have a bachelor's degree.

The special instructional fees for elementary and secondary school personnel are 60 percent of the corresponding on-campus rates. The following table shows the proposed special rates per credit hour for 2007-08 Virginia residents:

<u>Special rate for school personnel</u>	<u>Actual 2006-07</u>	<u>Proposed 2007-08</u>
Undergraduate	\$136.00/hour	\$144.00/hour
Graduate	234.00/hour	245.00/hour

Special Tuition Rate for Study-Abroad Programs

Providing the opportunity for students to study abroad is an important strategy in strengthening the international programs of Virginia Tech. The Board of Visitors has previously approved a special tuition rate for students who participate in the various study-abroad programs operated by the University. The special tuition rate reflects instructional services that all students receive, but excludes the cost of on-campus services.

In 2006-07 the study abroad rate was 80 percent of the on-campus tuition rates. The University proposes to continue the special tuition rate for study-abroad programs. Consistent with prior years, the special tuition rate for study-abroad would not apply for students studying at the Center for European Studies and Architecture. The following table shows the proposed special rates per credit hour for 2007-08:

	<u>Actual 2006-07</u>	<u>Proposed 2007-08</u>
<u>Undergraduates</u>		
Resident special rate	\$182.00/hour	\$192.00/hour
Nonresident special rate	580.00/hour	599.00/hour
<u>Graduates</u>		
Resident special rate	\$312.00/hour	\$327.00/hour
Nonresident special rate	552.00/hour	602.00/hour

Educational and General Fees

Academic Fee

To meet the Board's identified priority of supporting the Educational and General program of the institution, an academic fee was established in 2004-05 for all students. The revenue is allocated to support the academic quality of the University's Educational and General program. Consistent with the Six Year Financial Plan, a \$25 increase in the regular session fee is recommended for 2007-08. Part-time students pay one-half of the fee. The discounts applicable to tuition for Virginia Elementary and Secondary School Personnel and for Study-Abroad Programs are also continued for the academic fee.

		Actual 2006-07 <u>Annual Fee</u>	Proposed 2007-08 <u>Annual Fee</u>
Full-time			
	Regular	\$ 325.00	\$ 350.00
	Virginia School Personnel	195.00	210.00
	Study Abroad	260.00	280.00
Part-time			
	Regular	162.50	175.00
	Virginia School Personnel	97.50	105.00

Technology Service Fee

In accordance with the language in the 1998 Appropriation Act, the University implemented an Educational and General technology service fee effective with the 1998 fall semester. The fee is \$38 per academic year or \$19 per semester for full-time students. Part-time students pay half the full-time rate. The technology fee is paid by all students. The technology service fee will remain the same in 2007-08.

Capital and Equipment Fee

The 2003 General Assembly required the establishment of a capital fee to be assessed to all nonresident students at institutions of higher education for 2003-04. The funding raised is utilized to pay an assessment made by the Virginia College Building Authority for debt service on bonds issued under the 21st Century Program. The 2004 General Assembly increased the nongeneral fund portion of lease payments for the 2004-06 allocation of equipment under the Higher Education Equipment Trust fund. The General Assembly stipulated the source of the nongeneral funds be an increase in fees for nonresident students at public institutions of higher education starting in 2005-06. The 2005-06 capital and equipment fee was \$120 per academic year for full-time students.

The 2007 General Assembly increased the amount of debt service to be funded by nonresident students, starting in 2007-08. As a result, the Capital and Equipment Fee will need to be increased by \$50 to fund the additional debt service assigned to the University by the General Assembly. The Capital and Equipment fee for 2007-08 is proposed to be \$170 per academic year or \$85 per semester for full-time students. Part-time students pay one-half the full-time rate. The capital and equipment fee will be paid by all nonresident students.

Average Cost of Education

The Commonwealth of Virginia has a well-established methodology for computing the per student educational cost for colleges and universities. This process identifies the average educational cost for all undergraduate and graduate students, including part-time and full-time students taking classes at both on-campus and off-campus locations. The Average Cost of Education does not include specialized programs such as veterinary medicine.

Until 2004, the Average Cost of Instruction was utilized as the measure of per student instructional cost. The Average Cost of Instruction identified the instructional cost components within the Education and General appropriation and computed an average instructional cost.

In 2004, a new state policy replaced the Average Cost of Instruction with the Average Cost of Education. The Average Cost of Education is the instructional funding need generated by the base budget adequacy model. The Average Cost of Education is not comparable to the Average Cost of Instruction due to the differences in methodology.

The Average Cost of Education has replaced the Average Cost of Instruction as the basis for insuring that nonresident undergraduate and graduate students cover at least 100% of the average cost of their education as the General Assembly instructed colleges and universities in the 1991 legislative session. Nonresident tuition and mandatory E&G fee rates for the upcoming academic year are examined against the Average Cost of Education in the prior year to insure they cover 100% of the Average Cost of Education. Commonwealth policy continues to allow the university to recover the full cost from nonresidents as a group.

The following table presents the Average Cost of Education and percentages by student category for 2007-08. The Average Cost of Education is estimated to be \$13,686. The proposed Virginia Tech nonresident tuition and mandatory E&G fees are 125 percent of the Average Cost of Education and are in compliance with out-of-state tuition policy. Average percentages by individual student category are as follows:

	<u>Amount*</u>	<u>% of Average</u>
Average Cost of Education	\$13,686	
<u>Undergraduates:</u>		
Residents	6,160	45%
Nonresidents	18,538	135%
<u>Graduates:</u>		
Residents	7,749	57%
Nonresidents	14,114	103%
<u>Residency:</u>		
Residents		47%
Nonresidents		125%

*Amount includes proposed tuition, academic fee, and technology fee for 2007-08

Comprehensive Fee

In 2006-07, students attending Virginia Tech paid a Comprehensive Fee to support six different services. The Student Activity Fee, the Athletic Fee, the Bus Fee, the Student Health Service Fee, the Recreational Sports Fee, and the Student Services Fee are consolidated into one fee in order to streamline the process for collecting and accounting for these charges. In 2006-07, the annual Comprehensive Fee is \$1,160 per student. The \$1,160 per student fee is the lowest Comprehensive Fee charged by any four-year institution in Virginia. Comprehensive fees at the other five doctoral institutions range from \$1,549 to \$3,200.

Individual descriptions and recommended amounts for 2007-08 are given below for each component of the Comprehensive Fee.

Student Activity Fee

Full-time students currently pay \$280 annually for the Student Activity Fee, which covers the debt retirement, maintenance and operation of the student centers, and supports student activities as determined by the Student Budget Board. Part-time students pay one-half of this fee. A \$17 increase in the Student Activity Fee is recommended for 2007-08 to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to personnel services costs, increased utility costs, an inflationary increase in student budget board funding, and to maintain facilities. If approved, the current \$280 per year charge will be replaced by a \$297 annual, or \$148.50 per semester, charge in the 2007-08 academic year.

Health Service Fee

Full-time students currently pay \$269 per year for normal medical and nursing attention and counseling services provided by University Student Health Services

and Cook Counseling Center. Part-time students may elect to pay the fee for health service coverage. A \$21 increase in the Health Service Fee is recommended for 2007-08 to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to physician salaries, increased utility costs, address critical pharmacy and counseling services, planning costs for facility expansion, and to maintain facilities. If approved, the current \$269 per year charge will be replaced by a \$290 annual, or \$145 per semester, charge in the 2007-08 academic year.

Athletic Fee

Full-time students currently pay \$232 per year to support a portion of the athletic program operations. Part-time students may elect to pay the Athletic Fee. The student fee revenue covers the costs of athletic administration and sponsoring intercollegiate varsity sports that do not generate revenue. This fee entitles students to free admission into sporting events. No change in the Athletic Fee is proposed for 2007-08. The Athletic Fee has not increased since Fall 1998.

Bus Fee

Students enrolled at Virginia Tech have unlimited access to bus transportation provided by the Blacksburg Transit System through a contract the University negotiates with the Town of Blacksburg each year. In the current year, students pay \$87 per year for unlimited ridership. An estimated 2.3 million student trips on the Blacksburg Transit will occur in 2006-07. In addition to the convenience for students, the bus system saves the University considerable resources by lowering requirements for on-campus parking.

An \$8 increase in the Bus Fee is recommended for 2007-08 to accommodate the projected increase in the contract with the Town of Blacksburg, primarily due to increased personnel services and utility costs, and provide more adequate reserves. The current \$87 per year charge will be replaced by a \$95 annual, or \$47.50 per semester, charge in the 2007-08 academic year. Part-time students pay one-half of the fee.

Recreational Sports Fee

Full-time students currently pay \$163 annually for the Recreational Sports Fee, which supports debt retirement, maintenance, operations, intramural and extramural sports club programs, and recreational activities. Part-time students pay one-half of the fee. A \$15 increase in the Recreational Sports Fee is recommended for 2007-08 to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to personnel services costs, increased utility costs, planning costs for facility expansion, and to maintain facilities. If approved, the current \$163 per year charge will be replaced by a \$178 annual, or \$89 per semester, charge in the 2007-08 academic year.

Student Services Fee

Full-time students currently pay \$129 annually for the Student Services Fee, which supports the debt retirement and operation of the Career Services facility; non self-supporting student services components of the Hokie Passport office, including the cost of new student IDs; a portion of the Office of Judicial Affairs; and the cost of maintaining the campus' wireless network.

A \$16 increase in the Student Services Fee is recommended in 2007-08 to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to personnel services costs, the continuation of an administrative position in Judicial Affairs that was previously funded by a special purpose grant, increased utility costs, and the third year of a three year phase-in of the ongoing cost of maintaining the wireless network to ensure a sustainable network environment with unlimited access for students.

If approved, the current Student Services Fee of \$129 will be replaced with a \$145 annual, or \$72.50 per semester, fee in the 2007-08 academic year. Part-time students would pay one-half of this fee.

Summary of Comprehensive Fee

	Actual 2006-07 <u>Annual Fee</u>	Proposed 2007-08 <u>Annual Fee</u>
Student Activity Fee	\$ 280	\$ 297
Health Service Fee	269	290
Athletic Fee	232	232
Bus Fee	87	95
Recreational Sports Fee	163	178
Student Services Fee	<u>129</u>	<u>145</u>
Total	\$1,160	\$1,237

Room and Board Charges

The University's Residential and Dining Programs serve students by providing on-campus housing and dining services. Generally, all entering freshmen must live on campus, and housing is available on a limited basis for returning students who choose to live on campus at the fee approved by the Board of Visitors. The University establishes optional room and board rates based on a derivation of the Board-approved fee and to appropriately reflect costs for Summer Session and summer conferences. All students living on campus must select a meal plan; off-campus students may elect to participate in one of the meal plan programs.

Virginia Tech has the lowest combined average room and board fees in the Commonwealth for 2006-07 at \$4,766 per student. Average room and board fees at the other five doctoral institutions range from \$6,200 to \$7,263. Individual descriptions and suggested amounts for 2007-08 are given below for each of the programs.

Room Fees

A 9.31 percent increase is proposed for room rates to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to personnel services costs, increased utility costs, other fixed costs increases, and the maintenance of facilities. The dollar increase will range from \$226 per year to \$442 per year for undergraduate and graduate housing.

Included within the dormitory rate is a \$309 charge for the University's telecommunication system. Since 1988, voice, video, and data services have been provided for all dormitory residents. In the Fall of 1998, the University completed upgrades to the data connections to provide one Ethernet port per student in each of the residence hall rooms. No increase in the telecommunications portion of the room fee is proposed for 2007-08.

The proposed room rates by location are listed below:

	Actual 2006-07 <u>Annual Fee</u>	Proposed 2007-08 <u>Annual Fee</u>
Upper Quad	\$2,418	\$2,644
Lower and Prairie Quad	2,578	2,818
Cochrane Hall	3,148	3,442
Special Purpose	3,226	3,528
Payne Park		
- Traditional - Single	3,890	4,254
- Traditional - Double	2,840	3,106
- Suite - Single	4,736	5,178
- Suite - Double	3,428	3,748

Hillcrest				
- Double	3,132		3,424	
- Single	4,266		4,664	
Main Campbell				
- Double	2,910		3,182	
- Single	3,962		4,332	
Graduate Life Center at Donaldson Brown				
- Double	3,428	(a)	3,748	(a)
- Single	4,736	(a)	5,178	(a)

(a) In 2006-07, the University provided room fee incentives to graduate students residing at the Graduate Life Center in the amounts of \$185 for double rooms and \$255 for single rooms reducing the net cost of the regular room fees shown to \$3,243 and \$4,481 respectively. Based on continued strong demand for these rooms, these incentives are no longer needed and are proposed to be discontinued for 2007-08.

Board Fees

Prior to 2002-03, Virginia Tech students living on-campus had a choice of two types of meal plans: traditional meal plans based on a self-selected number of meals per week and Flex Plans designed for students who eat their meals during non-traditional hours or prefer the à la carte facilities. The Flex Plan operates like a debit account with a designated amount for the purchase of food in the dining facilities. Students are able to increase their Flex account balance during the year by depositing cash to their Flex accounts. Consistent with purchasing power of traditional meal plans, the intent of annual rate changes for the Flex Plan is to hold overall purchasing power constant year-to-year.

In response to the success of the Flex Plan and student demand for more flexible dining options, the University restructured the meal plan offerings in 2002-03. Two hybrid meal plans were offered based on the traditional meal plan concept while also providing flexible dining options for students.

Since 2002-03, student sales of Flex Plans have steadily increased annually while a steadily decreasing number of students are opting to purchase the hybrid plans. In 2006-07, to streamline meal plan offerings the hybrid plans were discontinued and a new Mega Flex Plan was added to supplement other existing Flex Plans. For 2007-08, the Flex Plan programs are continued.

A 4.57 percent increase is proposed for board fees to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to staff and wage salaries, increases in food and contract costs, increased utility costs, replacement of dining center food preparation and serving equipment, planning costs for a new dining facility, and facility maintenance costs.

The proposed board rates by meal plan program are listed below:

	Actual 2006-07 <u>Annual Fee</u>	Proposed 2007-08 <u>Annual Fee</u>
Major Flex Plan	\$2,188	\$2,288
Mega Flex Plan	2,378	2,488

Fee Rates for the Center for European Studies and Architecture

The Center for European Studies and Architecture (CESA) in Lugano, Switzerland, opened in the Fall of 1993. The Center serves as a resident educational facility for Virginia Tech students from many academic programs. Providing the opportunity for students to study abroad is an important strategy in strengthening the international programs of Virginia Tech, an objective of both the University and the Commonwealth.

For purposes of financing the operations of the Center, two separate programs are maintained. First, all instructional costs are accounted for in the Educational and General program of the University Division. Second, the housing, dining, and student activity auxiliary enterprise programs are recorded within the University's Residential and Dining Hall System. The Ferrari Foundation, the University's Swiss subsidiary corporation, manages the day-to-day activities of the Center.

Prior to the Fall of 1997, special-reduced tuition rates were in effect for students who studied at the Center to encourage student participation in this new program. After three years of experience, the University believed that student interest and demand had increased to the point that maximum participation levels could be maintained without continuing the tuition discount. Since the fall of 1997, students attending the Center for European Studies and Architecture have been assessed the same tuition as on-campus students. It is recommended that this tuition policy continue.

For housing and dining services at the Center, the proposed fees are higher than on-campus rates to reflect the higher cost of living at the Center. Students are not required to pay the on-campus Comprehensive Fee while studying abroad. Students currently pay a \$103 CESA student activity fee, which provides students with community-building social and recreational events and activities. The University proposes that the CESA student activity fee remain the same for the 2007-08 academic year. For 2007-08, an \$81 increase in the room and board fee is proposed to cover increased operating costs. If approved, the students attending the Center for European Studies will pay \$5,263 per semester for room and board.

The University proposes the following semester rates for Virginia Tech students:

	Actual 2006-07 <u>Semester Rate</u>	Proposed 2007-08 <u>Semester Rate</u>
CESA Student Activity Fee	\$ 103	\$ 103
CESA Room and Board Costs	5,182	5,263

Specialized Program Fees

Supplemental Engineering Fee

To ensure that engineering students continue to receive a state of the art education in a quality learning environment, the University is proposing to begin to partially recognize the higher cost of instruction in the College of Engineering (COE) through the establishment of a supplemental fee. The University computes that an Engineering credit hour costs \$117 more per credit hour than the overall university average, making it the second most expensive program after Veterinary Medicine. The proposal is important for ensuring the necessary resources to support engineering students including: the continuing need for modernization of instrumentation and materials for instructional laboratories and student projects, improvements to instructional space and aging facilities, and adequate staff support to ensure the effective maintenance of instrumentation and technology in the daily operation of the instructional laboratories. A college stakeholders group comprised of faculty, students, and representatives of the departmental advisory boards will prioritize the specific needs across the college and report on the utilization of the funds.

An increase in the total cost of attendance for engineering students will have financial aid implications and increase student need. Additional resources for student financial aid will be needed to ensure accessibility. This will be the first commitment of the new fee revenue; the University will set aside a sufficient portion of the new fee revenue at the university level to maintain the overall purchasing power of the Unfunded Scholarship program provided by the institution.

This is the first year of a planned multi-year phase-in of this supplemental fee. It is proposed that the new fee be applied to charges for incoming freshmen and incoming graduate students for Fall 2007. The charge will be assessed on courses delivered by the College of Engineering on a per credit hour basis. In Fall 2007, the charge will be applied to all 1000 (undergraduate) level engineering courses. This effectively grandfathers existing students from having to pay the supplemental fee. This charge will be applied to students entering the graduate engineering program through a flat fee for administrative purposes.

The proposed supplemental fee by level is presented below:

		<u>Proposed 2007-08</u>
<u>Undergraduate</u>		
	1000 Level Engineering Courses	\$30 per credit hour
<u>Graduate</u>		
	Full-time	\$270 per academic year
	Part-time	135 per academic year

Specialized Graduate Degree Programs

Specialized graduate degree programs provide a valuable service by meeting targeted educational and professional development needs. Since both the academic units and the University have added costs associated with providing high demand specialized graduate degree programs, it is appropriate to address these incremental college and University costs required to deliver high quality programs. To maintain the intent of the Commonwealth's funding policies regarding the collection and allocation of tuition revenues, Specialized Graduate Program Fees are charges established for a specific graduate program, potentially at a specific location, beyond regular tuition and fees and are equal for students, both resident and nonresident.

The National Capital Region Master of Landscape Architecture (NCR-MLA) Program Fee

The NCR-MLA program was established in 1998 to offer a first professional degree in landscape architecture to students residing in the Washington, D.C. metropolitan area. To address the growing demand for the MLA program in the National Capital Region, the higher cost of delivering a high quality program off campus, the additional cost of a faculty member to enhance accreditation standing, and expansion and enhancement of the program, the University proposes the establishment of a specialized graduate program fee.

The program fee would be paid by all students entering the MLA program after Spring 2007 at the National Capital Region location. Resident and nonresident students will pay the same program fee in addition to tuition. Students in the program prior to Summer 2007 would have a grandfathered exemption from the new charge. Part-time students would pay one-half the fee.

The proposed program fee per academic year is presented below:

	<u>Proposed 2007-08</u>
Full-time	\$500
Part-time	\$250

The Professional Master of Business Administration (PMBA) Program Fee

The PMBA program is a cohort-based program intended for professionals that have at least two years of business experience. The program is designed on the cohort model with face-to-face weekend classes (in Richmond and Roanoke) while leveraging online technology for supplemental instructional delivery to provide flexibility for busy working professionals. An accelerated program schedule allows the program to be completed by working professionals in two years instead of the 4-5 years that it would take to complete an MBA program on a part-time basis in the traditional program format.

The industry standard for this type of professional education program is to be quoted in terms of a total cost. Given that out year tuition and fee rates are not known at this time, the PMBA fee is established as the difference between regular tuition and fees and the total cohort price during the two years of the program. Since the total revenue is split evenly between the two years and regular tuition and fees step up in the second year, the PMBA fee is lower in the second year for a given cohort. What remains most important in pricing this type of program is the total revenue for the full two-year term. The Pamplin College of Business may request an increase in the total revenue of the PMBA program for a new cohort in the first year to address increased costs and/or to expand the program to meet demand. The resulting charges for the Professional MBA program are presented in the table below.

	<u>Two-Year Program Cost</u>	<u>Actual 2006-07</u>	<u>Proposed 2007-08</u>	<u>Placeholder 2007-08</u>
Entering Fall 2006 Cohort				
PMBA Cost – 2006 Cohort	\$26,000	\$13,000	\$13,000	
Less: Regular Tuition & Fees		<u>(8,186)</u>	<u>(8,594)</u>	
PMBA Fee – 2006 Cohort		\$4,814	\$4,406	
Entering Fall 2007 Cohort				
PMBA Cost – 2007 Cohort	\$28,600		\$14,300	\$14,300
Less: Regular Tuition & Fees			<u>(8,594)</u>	<u>TBD</u>
PMBA Fee – 2007 Cohort		N/A	\$5,706	TBD

Virginia Tech-Georgetown University Master of Science Degree in Biomedical Technology Development and Management

Virginia Tech has entered into an agreement with Georgetown University to offer a joint degree in biomedical technology development and management. This program will meet a growing demand for advanced degrees for individuals working in regulatory agencies and the pharmaceutical and biotechnology industries. The two institutions have been jointly delivering this instruction under Georgetown's continuing education division as a pilot and now are seeking approval to migrate this successful activity into a formal degree program. The Georgetown Board of

Directors approved the degree program in 2005. A resolution is before the Virginia Tech Board of Visitors for program approval at its March 2007 meeting.

As a true joint degree program, students will be able to matriculate at either Virginia Tech or Georgetown University and pay identical tuition and fees to one institution regardless of which university is delivering the instruction. All courses will be cross-listed at both institutions, and the two institutions will divide revenues and incur expenses based on the number of credit hours each delivers. To fully implement the joint degree arrangement with Georgetown, Virginia Tech's total tuition and mandatory fee charge for this program will be conformed to Georgetown's tuition and fees for its medical programs. For 2006-07 this rate was \$41,770 per academic year for full-time enrollment. Students in the pilot program have been paying at this rate at Georgetown during 2006-07.

Since Georgetown's tuition and fee rates are not yet known for 2007-08, the graduate program fee cannot be established at this time. The graduate program fee element of Virginia Tech's rate will be established to equal the difference between the total tuition and mandatory fees at the Georgetown Medical School and tuition and fees at Virginia Tech. Calculation of the University's total charge and the exact program fee will be made once Georgetown establishes its rates for 2007-08.

Veterinary Medicine Facility Fee

The College of Veterinary Medicine has a shortage of instructional space. Capital improvements are necessary to alleviate the space deficit identified by external accreditation reviews. Increased facility capacity is necessary for the recruitment and retention of high-quality faculty as well as students.

To expedite the construction of additional instructional space, it is proposed that all Veterinary Medicine students be assessed a facility fee for the academic year, as presented in the table below. Proceeds from the facility fee will be used exclusively for College of Veterinary Medicine instructional space improvements.

	Proposed
	<u>2007-08</u>
Virginia-Maryland Students	\$450
Nonresident Students	450

Parking Fee

The General Assembly directed institutions of higher education to organize parking services as an auxiliary enterprise operation in 1989. The expenditure of General Fund dollars for the maintenance or improvement of parking lots and facilities was prohibited. Accordingly, Virginia Tech established the Parking Services Auxiliary at the beginning of fiscal year 1989-90 and instituted a fee for faculty, staff, and students who parked in campus lots. For 2006-07, the annual parking fee is \$106 for faculty and staff and \$81 for students. The fee revenue covers the costs of operating, constructing, maintaining, and improving the parking lots and facilities. Annual parking fees at other Virginia doctoral institutions for 2006-07 range from \$154 to \$360 for students, dependent upon the type and proximity of parking facilities utilized. Faculty/staff annual parking fees range more broadly from \$112 to over \$500, again dependent upon various factors including parking space type and proximity. These rates are subject to increase in 2007-08.

The University proposes to increase the annual parking fee for faculty and staff from \$106 to \$126 and the student fee from \$81 to \$96 for 2007-08 to cover legislated salary increases, adjustments to fringe benefit rates, increased parking lot security requirements, inflationary cost increases in parking lot/gate maintenance, and project costs for a new parking deck facility. The University also proposes to continue to provide a parking rate discount to encourage car-pooling in an effort to reduce the amount of vehicular traffic on campus.

Summary of Tuition and Fee Rates

A summary of the recommended tuition rates is shown on Schedule 1 and 1.1, and a summary of fees is attached on Schedule 2. Also, the total cost for students to attend Virginia Tech is detailed on Schedule 3 for undergraduate students and Schedule 4 for graduate students.

RECOMMENDATION:

That the proposed tuition and fee rates be approved, effective Fall Semester 2007.

Schedule 1

VIRGINIA TECH

2007-08 TUITION RECOMMENDATIONS

SUMMARY OF ANNUAL CHARGES

RECOMMENDATION

	Adjusted 2006-07 Charge	Proposed Total for 2007-08	Increase	
			\$	%
Undergraduate Students				
Resident	\$5,450	\$5,772	\$322	5.9%
Nonresident	17,406	17,980	574	3.3%
Graduate Students				
On-Campus Programs				
Resident	\$7,017	\$7,361	\$344	4.9%
Nonresident	12,414	13,556	1,142	9.2%
Off-Campus Programs				
Resident	\$7,823	\$8,206	\$383	4.9%
Nonresident	13,341	14,568	1,227	9.2%
Veterinary Medicine				
Virginia/Maryland	\$13,215	\$13,876	\$661	5.0%
Out-of-State Non-Maryland	32,049	33,651	1,602	5.0%

Schedule 1.1

VIRGINIA TECH
2007-08 SPECIAL TUITION RATES
SUMMARY OF HOURLY RATES

	Adjusted 2006-07 Charge	Proposed Total for 2007-08	Increase	
			\$	%
<u>Regular Part-Time Students (a)</u>				
<u>Undergraduate Students</u>				
Resident	\$ 227.00	\$ 240.50	\$ 13.50	5.9%
Nonresident	725.25	749.25	24.00	3.3%
<u>Graduate Students</u>				
On-Campus Programs				
Resident	389.75	409.00	19.25	4.9%
Nonresident	689.75	753.00	63.25	9.2%
Off-Campus Programs				
Resident	434.50	456.00	21.50	4.9%
Nonresident	741.25	809.25	68.00	9.2%
<u>School Personnel</u>				
Undergraduate Resident	\$ 136.00	\$ 144.00	\$ 8.00	5.9%
Graduate Resident	234.00	245.00	11.00	4.7%
<u>Study Abroad Programs (b)</u>				
Undergraduate Resident	\$ 182.00	\$ 192.00	\$ 10.00	5.5%
Undergraduate Nonresident	580.00	599.00	19.00	3.3%
Graduate Resident	312.00	327.00	15.00	4.8%
Graduate Nonresident	552.00	602.00	50.00	9.1%

- (a) 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.
- (b) Special tuition rates for study abroad do not include students studying at the Center for European Studies and Architecture.

VIRGINIA TECH
2007-08 FEE RECOMMENDATIONS
SUMMARY OF ANNUAL CHARGES

	2006-07 Charge	Proposed Total for 2007-08	Increase	
			\$	%
<u>Educational and General Fee</u>				
- Academic Fee	\$325	\$350	\$25	7.7%
- Technology Fee	\$38	\$38	\$0	0.0%
- Capital Fee				
Resident	\$0	\$0	\$0	-
Nonresident	120	170	50	41.7%
<u>Comprehensive Fee</u>				
- Student Activity Fee	\$280	\$297	\$17	6.1%
- Health Service Fee	269	290	21	7.8%
- Athletic Fee	232	232	0	0.0%
- Bus Fee	87	95	8	9.2%
- Recreational Sports Fee	163	178	15	9.2%
- Student Services Fee	129	145	16	12.4%
Total Comprehensive Fee	\$1,160	\$1,237	\$77	6.6%
<u>Room Fees</u>				
- Upper Quad	\$2,418	\$2,644	226	9.3%
- Pre-1983 Dormitories	2,578	2,818	240	9.3%
- Cochrane Hall	3,148	3,442	294	9.3%
- Special Purpose Housing	3,226	3,528	302	9.4%
- Payne Park				
- Traditional - Single	3,890	4,254	364	9.4%
- Traditional - Double	2,840	3,106	266	9.4%
- Suite - Single	4,736	5,178	442	9.3%
- Suite - Double	3,428	3,748	320	9.3%
- Hillcrest				
- Double Occupancy	3,132	3,424	292	9.3%
- Single Occupancy	4,266	4,664	398	9.3%
- Main Campbell				
- Double Occupancy	2,910	3,182	272	9.3%
- Single Occupancy	3,962	4,332	370	9.3%
- Graduate Life Center at Donaldson Brown				
- Double Occupancy	3,428 (a)	3,748 (a)	320	9.3%

Schedule 3

VIRGINIA TECH

TOTAL COST TO STUDENTS

Comparison of 2006-07 and 2007-08 Annual Charges

UNDERGRADUATE STUDENTS

	2006-07 Charge	Proposed Total for 2007-08	Increase	
			\$	%
<u>Resident</u>				
Tuition	\$5,450	\$5,772	\$322	5.9%
Educational and General Fee	363	388	25	6.9%
Subtotal Tuition and E & G Fee	5,813	6,160	347	6.0% (a)
Comprehensive Fee	1,160	1,237	77	6.6%
Subtotal All Resident Students	\$6,973	\$7,397	\$424	6.1%
Room (Pre-1983 Dorms)	2,578	2,818	240	9.3%
Board (Flex Plan)	2,188	2,288	100	4.6%
Subtotal Room and Board	\$4,766	\$5,106	\$340	7.1%
Total Cost for Residents Living on Campus	<u>\$11,739</u>	<u>\$12,503</u>	<u>\$764</u>	<u>6.5%</u>
<u>Nonresident</u>				
Tuition	\$17,406	\$17,980	\$574	3.3%
Educational and General Fee	483	558	75	15.5%
Subtotal Tuition and E & G Fee	17,889	18,538	649	3.6%
Comprehensive Fee	1,160	1,237	77	6.6%
Subtotal All Nonresident Students	\$19,049	\$19,775	\$726	3.8%
Room (Pre-1983 Dorms)	2,578	2,818	240	9.3%
Board (Flex Plan)	2,188	2,288	100	4.6%
Subtotal Room and Board	\$4,766	\$5,106	\$340	7.1%
Total Cost for Nonresidents Living on Campus	<u>\$23,815</u>	<u>\$24,881</u>	<u>\$1,066</u>	<u>4.5%</u>

(a) The 2007 General Assembly provides \$1.295M in General Fund support contingent upon the institution limiting the increase in in-state undergraduate tuition and mandatory E&G fees to "not more than six percent for the 2007-08 academic year".

Schedule 4

VIRGINIA TECH
TOTAL COST TO STUDENTS
Comparison of 2006-07 and 2007-08 Annual Charges

	2006-07 Charge	Proposed Total for 2007-08	Increase	
			\$	%
<u>GRADUATE STUDENTS</u>				
On-Campus Programs				
<u>Resident</u>				
Tuition	\$7,017	\$7,361	\$344	4.9%
Educational and General Fee	363	388	25	6.9%
Subtotal Tuition and E & G Fee	7,380	7,749	369	5.0%
Comprehensive Fee	1,160	1,237	77	6.6%
Total Cost for Residents	<u>\$8,540</u>	<u>\$8,986</u>	<u>\$446</u>	<u>5.2%</u>
<u>Nonresident</u>				
Tuition	\$12,414	\$13,556	\$1,142	9.2%
Educational and General Fee	483	558	75	15.5%
Subtotal Tuition and E & G Fee	12,897	14,114	1,217	9.4%
Comprehensive Fee	1,160	1,237	77	6.6%
Total Cost for Nonresidents	<u>\$14,057</u>	<u>\$15,351</u>	<u>\$1,294</u>	<u>9.2%</u>
Off-Campus Programs				
<u>Resident</u>				
Tuition	\$7,823	\$8,206	\$383	4.9%
Educational and General Fee	363	388	25	6.9%
Total Cost for Residents	<u>\$8,186</u>	<u>\$8,594</u>	<u>\$408</u>	<u>5.0%</u>
<u>Nonresident</u>				
Tuition	\$13,341	\$14,568	\$1,227	9.2%
Educational and General Fee	483	558	75	15.5%
Total Cost for Nonresidents	<u>\$13,824</u>	<u>\$15,126</u>	<u>\$1,302</u>	<u>9.4%</u>
<u>VETERINARY MEDICINE</u>				
Virginia/Maryland Students				
Tuition	\$13,215	\$13,876	\$661	5.0%
Educational and General Fee	363	388	25	6.9%
Comprehensive Fee	1,160	1,237	77	6.6%
Vet Med Facility Fee	0	450	450	N/A
Total Cost for Virginia/Maryland Students	<u>\$14,738</u>	<u>\$15,951</u>	<u>\$1,213</u>	<u>8.2%</u>
Out-of-State Students				
Tuition	\$32,049	\$33,651	\$1,602	5.0%
Educational and General Fee	483	558	75	15.5%
Comprehensive Fee	1,160	1,237	77	6.6%
Vet Med Facility Fee	0	450	450	N/A
Total Cost for Out-of-State Students	<u>\$33,692</u>	<u>\$35,896</u>	<u>\$2,204</u>	<u>6.5%</u>

Virginia Polytechnic Institute and State University 2007-08 Compensation for Graduate Assistants

Graduate students who work as graduate assistants while pursuing the master's or doctoral degrees provide a valuable service to the University. Many teach undergraduate classes. Others support faculty in scholarly and sponsored research activities. To be competitive in the recruitment and retention of high quality graduate students, it is important for the University to provide compensation packages that are comparable with those offered by peer institutions. The key components of the compensation packages are competitive stipends, tuition assistance, and health insurance.

Graduate Stipends

One of the primary goals of Virginia Tech during the 1980s was to build a graduate stipend schedule that was competitive with those offered by comparable institutions. A stipend table was developed and levels have been adjusted each year. Individual amounts within the table were realigned to eliminate perceived discrepancies, and a new category was added for graduate students working on sponsored research projects. In the 1990's, the University developed a more comprehensive program of tuition scholarships for graduate students. Four sources finance the tuition program: the General Fund appropriation for student financial assistance, a scholarship program in the Educational and General budget, tuition payments in grants and contracts, and private gifts. To respond to increasing competition for quality graduate students among peer institutions, the graduate student stipend scale was revised for Fall 2003 and approved by the Board to better position Virginia Tech departments and to reflect the minimum stipend levels authorized by the National Science Foundation. The Fall 2004 stipend scale added ten additional stipend steps, numbered 41-50, to increase the University's competitive position in attracting outstanding PhD students.

The University proposes to advance the stipend scale for 2007-08 by continuing the previously approved November 2006 increase of 3.0% and by overlaying a 3.0% stipend increase that would normally be effective November 2007. In conformity with the treatment of stipend increases in prior years, the University would establish the effective date of the increases as August 10, 2007 rather than November 25, 2007 with an offsetting decrease to the stipend increase percentage. The shift to the beginning of the Fall academic term does not affect the total compensation for the graduate students; rather, it spreads the increase over the entire academic year. Further, the University realizes administrative process savings and student recruitment advantages by making the adjustment to the effective date.

The 2007-08 graduate stipend compensation plan is described in the attached schedule.

Health Insurance Premium Compensation

At the March 2001 meeting of the Board of Visitors, a health insurance program for graduate students on assistantship was approved as a part of the graduate student compensation package to enhance the University's competitiveness in recruiting highly qualified graduate students. The program was initially designed to help full-time graduate students receiving a full or partial assistantship, including graduate research assistants, graduate teaching assistants, and graduate assistants, offset a portion of the cost of health insurance premiums. In 2006-07, the Board of Visitors authorized coverage of 75%* of the annual premium for insurance obtained through the University.

For 2007-08, the University proposes to continue to increase its support for the graduate health insurance program, in accordance with its strategic objectives, by moving the percentage of the annual covered premium cost from 75% to 80%.

In order to qualify, full-time graduate students must have a 50% or greater appointment. Graduate students also have the option to decline coverage if they so choose.

RECOMMENDATION:

That the stipend levels and graduate health insurance program be approved.

* In 2006-07, the University provided 75% of the \$1,649 annual premium cost of the Basic Plan, which provided a \$300 annual deductible, a \$1,500 out-of-pocket maximum, a \$25 plus 20% co-pay for doctors' visits (\$10 plus 15% with a referral), and a \$50,000 maximum benefit. Students can obtain higher coverage levels, including dental and vision coverage, for an additional cost.

2007-08 Full-Time Graduate Monthly Stipend Compensation
Effective August 10, 2007

	2007-08 *		
	<u>Monthly</u>	<u>9 Month</u>	<u>12 Month</u>
Step 1	1,200	10,800	14,400
Step 2	1,247	11,223	14,964
Step 3	1,293	11,637	15,516
Step 4	1,338	12,042	16,056
Step 5	1,385	12,465	16,620
Step 6	1,432	12,888	17,184
Step 7	1,478	13,302	17,736
Step 8	1,524	13,716	18,288
Step 9	1,571	14,139	18,852
Step 10	1,616	14,544	19,392
Step 11	1,662	14,958	19,944
Step 12	1,708	15,372	20,496
Step 13	1,755	15,795	21,060
Step 14	1,801	16,209	21,612
Step 15	1,847	16,623	22,164
Step 16	1,893	17,037	22,716
Step 17	1,939	17,451	23,268
Step 18	1,986	17,874	23,832
Step 19	2,032	18,288	24,384
Step 20	2,078	18,702	24,936
Step 21	2,124	19,116	25,488
Step 22	2,169	19,521	26,028
Step 23	2,216	19,944	26,592
Step 24	2,263	20,367	27,156
Step 25	2,309	20,781	27,708
Step 26	2,354	21,186	28,248
Step 27	2,402	21,618	28,824
Step 28	2,448	22,032	29,376
Step 29	2,493	22,437	29,916
Step 30	2,541	22,869	30,492
Step 31	2,586	23,274	31,032
Step 32	2,631	23,679	31,572
Step 33	2,678	24,102	32,136
Step 34	2,725	24,525	32,700
Step 35	2,770	24,930	33,240
Step 36	2,817	25,353	33,804
Step 37	2,864	25,776	34,368
Step 38	2,909	26,181	34,908
Step 39	2,956	26,604	35,472
Step 40	3,002	27,018	36,024
Step 41	3,049	27,441	36,588
Step 42	3,095	27,855	37,140
Step 43	3,141	28,269	37,692
Step 44	3,187	28,683	38,244
Step 45	3,233	29,097	38,796
Step 46	3,280	29,520	39,360
Step 47	3,326	29,934	39,912
Step 48	3,372	30,348	40,464
Step 49	3,419	30,771	41,028
Step 50	3,464	31,176	41,568

* Continues the 3% increase for November 25, 2006 and overlays 11/18 of the 3% increase scheduled for November 25, 2007.

VIRGINIA TECH

FINANCIAL PERFORMANCE REPORT

Operating and Capital Expenditures

July 1, 2006 to December 31, 2006

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 December 2006-07 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.

OPERATING BUDGET

1. Tuition and Fee revenue is higher than historical projections through the second quarter primarily due to the timing of collections as well as strong spring retention.
2. Academic expenditures are ahead of projections due to the timing of expenditures as compared to historical trends.
3. The budget for federal revenue is established to match projected allotments from the federal government. All expenses in federal programs are covered by drawdowns of federal revenue up to allotted amounts. Federal revenue in the Cooperative Extension/Agricultural Experiment Station Division was less than the projected budget due to lower-than-anticipated federal expenditures and the timing of receipt of federal drawdowns.
4. Quarterly and projected annual variances are explained in the Auxiliary Enterprises section of this report.
5. Historical patterns have been used to develop a measure of the revenue and expenditure activity for Sponsored Programs. Actual revenues and expenses may vary from the budget estimates because projects are initiated and concluded on an individual basis without regard to fiscal year. Total sponsored expenditures are less than projected, but are slightly ahead of 2005-06 activity levels. The lower expenditures include the impact of the Commonwealth's shift of the July 3, 2006 payroll to 2005-06.
6. In 2005-06 the Governor shifted the July 3, 2006 payroll date to June 30, 2006. This resulted in having 25 pay periods in 2005-06 and 23 payrolls in 2006-07. The cash support for this unanticipated cost came from two sources for Educational and General programs: the General Fund and an interest free loan from the State Treasury. In 2006-07, the General Fund advance was returned and the Treasury Loan was repaid.
7. The General Fund revenue budget has been increased by \$1,435,207 to reflect final decisions of the legislative session on base budget adequacy and faculty salary funding, by \$221,000 for a transfer from Student Financial Assistance to the Educational and General program for assistantships in the Multicultural Academic Opportunities Program, by \$32,083 for VIVA libraries distribution costs, and by \$827,619 to match the actual central appropriations transfer for fringe benefits, mileage reimbursements, and staff raises. The revenue budget was decreased by \$5,518,296 as a repayment for the General Fund advance that was received in 2005-06 for the change in the July 3 payroll date. The corresponding expenditure budgets have been adjusted accordingly.
8. The annual budget for Tuition and Fees has been increased by \$3,680 to finalize estimates for the Virginia/Maryland Regional College of Veterinary Medicine regional capitation agreement and by \$4,000,000 for strong fall enrollments. The corresponding expenditure budgets have been adjusted accordingly.
9. The revenue budget for All Other Income has been increased by \$15,000 for Virginia Racing Commission revenue to reflect the final decisions of the legislative session and by \$65,000 for COTA Closing Revenue to reflect anticipated growth in the program. The corresponding expenditure budgets have been adjusted accordingly.
10. The General Fund revenue budget for the Cooperative Extension/Agricultural Experiment Station Division has been increased by \$221,205 to reflect final decisions of the legislative session on the Commonwealth Staffing Initiative and faculty salary funding, and by \$151,858 to match the actual central appropriations transfer for fringe benefits, mileage reimbursements, and staff raises. The General Fund allocation was decreased by \$2,189,290 as repayment of the General Fund advance that was received in 2005-06 for the change in the July 3 payroll date. The corresponding expenditure budgets have been adjusted accordingly.
11. The annual budget for All Other Income has been increased by \$7,500 for revenue generated from the dissemination of DVDs containing geospatial data to public schools and extension agents. The corresponding expenditure budget has been adjusted accordingly.
12. The original budget was increased by \$1,585,727 to reflect final decisions of the legislative session on the Commonwealth Research Initiative.
13. The projected year-end revenue and expense budgets for Student Financial Assistance were reduced by \$221,000 for the transfer from Student Financial Assistance to the Educational and General program for assistantships in the Multicultural Academic Opportunities Program and increased for the reappropriation of \$10,357 from the prior fiscal year.
14. The projected year-end budgets in All Other Programs were reduced to offset the July 2006 payroll that the Commonwealth shifted to June 2006 and were increased for activities that were initiated but incomplete as of June 30, 2006.

OPERATING BUDGET
2006-07

Attachment N

Dollars in Thousands

	July 1, 2006 to December 31, 2006			Annual Budget for 2006-07		
	Actual	Budget	Change	Original	Adjusted	Change
Educational and General Programs						
<u>University Division</u>						
<u>Revenues</u>						
- General Fund	\$166,464	\$166,464	\$0	\$169,507	\$166,505	\$-3,002 (6, 7)
- Tuition and Fees	133,023	130,752	2,271 (1)	224,024	228,028	4,004 (8)
- All Other Income	16,549	16,701	-152	30,639	30,719	80 (9)
Total Revenues	\$316,036	\$313,917	\$2,119	\$424,170	\$425,252	\$1,082
<u>Expenses</u>						
- Academic Programs	\$-131,646	\$-130,729	\$-917 (2)	\$-271,203	\$-268,312	\$2,891 (6, 7, 8, 9)
- Support Programs	-80,244	-80,078	-166	-152,967	-150,199	2,768 (6, 7, 8)
- Treasury Loan Payment	-6,741	-6,741	0	0	-6,741	-6,741 (6)
Total Expenses	\$-218,631	\$-217,548	\$-1,083	\$-424,170	\$-425,252	\$-1,082
NET	\$97,405	\$96,369	\$1,036	\$0	\$0	\$0
<u>CE/AES Division</u>						
<u>Revenues</u>						
- General Fund	\$63,072	\$63,072	\$0	\$64,889	\$63,072	\$-1,817 (6, 10)
- Federal Appropriations	6,184	7,128	-944 (3)	13,624	13,624	0
- All Other Income	488	379	109	695	703	8 (11)
Total Revenues	\$69,744	\$70,579	\$-835	\$79,208	\$77,399	\$-1,809
<u>Expenses</u>						
- Academic Programs	\$-36,237	\$-36,043	\$-194	\$-73,191	\$-71,341	\$1,850 (6, 10, 11)
- Support Programs	-1,872	-1,658	-214	-6,017	-5,943	74 (6, 10)
- Treasury Loan Payment	-115	-115	0	0	-115	-115 (6)
Total Expenses	\$-38,224	\$-37,816	\$-408	\$-79,208	\$-77,399	\$1,809
NET	\$31,520	\$32,763	\$-1,243	\$0	\$0	\$0
Auxiliary Enterprises						
Revenues	\$108,155	\$103,371	\$4,784 (4)	\$175,334	\$179,899	\$4,565 (4)
Expenses	-83,290	-84,274	984 (4)	-170,068	-174,974	-4,906 (4)
Reserve Drawdown (Deposit)	-24,865	-19,097	-5,768 (4)	-5,266	-4,925	341 (4)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Sponsored Programs						
Revenues	\$103,918	\$100,966	\$2,952 (5)	\$200,509	\$202,095	\$1,586 (12)
Expenses	-99,861	-113,451	13,590 (5)	-200,509	-202,095	-1,586 (12)
Reserve Drawdown (Deposit)	-4,057	12,485	-16,542	0	0	0
NET	\$0	\$0	\$0	\$0	\$0	\$0
Student Financial Assistance						
Revenues	\$15,618	\$15,618	\$0	\$15,839	\$15,628	\$-211 (13)
Expenses	-7,878	-7,744	-134	-15,839	-15,628	211 (13)
NET	\$7,740	\$7,874	\$-134	\$0	\$0	\$0
All Other Programs *						
Revenues	\$1,884	\$1,974	\$-90	\$5,514	\$5,496	\$-18 (14)
Expenses	-2,275	-2,418	143	-5,514	-5,670	-156 (14)
Reserve Drawdown (Deposit)	391	444	-53	0	174	174 (14)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Total University						
Revenues	\$615,355	\$606,425	\$8,930	\$900,574	\$905,769	\$5,195
Expenses	-450,159	-463,251	13,092	-895,308	-901,018	-5,710
Reserve Drawdown (Deposit)	-28,531	-6,168	-22,363	-5,266	-4,751	515
NET	\$136,665	\$137,006	\$-341	\$0	\$0	\$0

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

AUXILIARY ENTERPRISE BUDGET

1. Revenues in Residence and Dining Halls exceed projections due to higher-than-anticipated dorm occupancy, continued growth in off-campus meal plan sales and dining dollar receipts, increased revenue from summer conferences and catering services, and interest earnings. Expenditures in Residence and Dining Halls are higher than projected overall because of increased food and wage expenses associated with elevated meal plan activity. A budget adjustment will be brought forward during the third quarter to address increased activity levels.
2. Expenditures in the Parking Services Auxiliary are lower than projected due to employee turnover and vacancy, the timing of transfer requests by the Town for equipment replacement by Blacksburg Transit, and higher than expected recoveries for parking operations at intercollegiate athletic sporting events.
3. Revenues in Telecommunications Services exceed projections for student fees and self-generated revenues due to higher than anticipated enrollments and additional data connections in campus facilities. Expenditures are lower than projected due to employee turnover and vacancy.
4. Revenues in the University Services System from student fees are higher than projected due to higher than expected enrollments and interest earnings. Expenditures for the System are lower than projected due to employee turnover and vacancy and the timing of one-time expenses for a facility condition study, renovation projects, and chiller repairs.
5. Revenues for the Intercollegiate Athletics System exceed projections due to student fee revenue, ACC allocation receipts from the previous fiscal year, higher than expected football ticket sales, the new Nike contract, and interest income. Expenditures are less than projected because of employee turnover and vacancy and operational savings due to medical provider services and computer equipment expenses being lower than budgeted through the second quarter.
6. Revenues for Electric Services are less than projected due to electricity consumption by the Town that is lower than anticipated. Expenditures are less than projected due to employee turnover and vacancy and a reduction in the amount of purchased electricity required to service Town customers.
7. Revenues for the Inn at Virginia Tech and Skelton Conference Center are higher-than-projected due to increased lodging, food, and beverage sales. Expenditures exceed projections due to higher than expected costs for wages, food, and operating expenses associated with the increased business activity. A budget adjustment will be brought forward during the third quarter to address increased activity levels.
8. Revenues are higher than projected in Other Enterprise Functions due to higher-than-projected student fees in the Hokie Passport and Student Orientation auxiliaries, royalties in the Licensing and Trademark auxiliary, revenue from software sales in the Student Software Sales auxiliary, and interest earnings.
9. The projected year-end budget was increased for outstanding 2005-06 commitments and projects that were initiated but not completed before June 30, 2006.
10. On May 26, 2006, the Governor announced the shift of the July 3, 2006 payroll date to June 30, 2006. The expenditure and reserve drawdown budgets for the Auxiliary Enterprises were adjusted to accommodate this shift from the budgeted 24 pay periods in 2005-06 to 25 pay periods. Reserves were restored in July 2006 with offsetting budget adjustments to reduce the budgeted 24 pay periods in 2006-07 to 23 pay periods.
11. The projected annual expenditure and reserve drawdown budgets for the University Services System were increased \$19,000 to fund the planned replacement of uniforms for the Marching Virginians color guard.
12. The projected annual revenue budget for Intercollegiate Athletics was adjusted to accommodate increased revenue from higher-than-anticipated basketball and football ticket sales, the ACC revenue-sharing allocation, interest earnings, and revenue associated with the Chic-fil-A Bowl. Expenditure budgets were increased to accommodate various personnel actions, operating adjustments, equipment purchases, programmatic adjustments, renovations (Lane Stadium fencing/gate addition, Cassell Coliseum Ambulatory, and Softball field lighting), and costs associated with participation in the Chic-fil-A Bowl.
13. The projected annual revenue and expenditure budgets for the Inn at Virginia Tech and Skelton Conference Center were adjusted for increased lodging, food and beverage sales, and increased operating and one-time expenses due to increased business activity.
14. The projected annual revenue, expenditure, and reserve drawdown budgets for Other Enterprise Functions were adjusted to accommodate an increase in Licensing and Trademark revenue from royalties on sales of Virginia Tech merchandise and increased contributions to academic and athletic scholarships as a result of the licensing revenue sharing agreement, reduced revenues from greens fees and memberships in the Golf Course auxiliary offset by operating expense reductions and an increased reserve draw, and planning expenses for the proposed fine and performing arts center.

**UNIVERSITY DIVISION
AUXILIARY ENTERPRISES**

Attachment N

Dollars in Thousands

	July 1, 2006 to December 31, 2006			Annual Budget for 2006-07		
	Actual	Budget	Change	Original	Adjusted	Change
Residence and Dining Halls						
Revenues	\$35,385	\$33,513	\$1,872 (1)	\$57,001	\$57,001	\$0
Expenses	-28,330	-27,501	-829 (1)	-55,961	-56,115	-154 (9, 10)
Reserve Drawdown (Deposit)	-7,055	-6,012	-1,043	-1,040	-886	154 (9, 10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Parking and Transportation						
Revenues	\$3,348	\$3,407	\$-59	\$5,163	\$5,163	\$0
Expenses	-1,960	-2,336	376 (2)	-5,050	-5,504	-454 (9, 10)
Reserve Drawdown (Deposit)	-1,388	-1,071	-317	-113	341	454 (9, 10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Telecommunications Services						
Revenues	\$8,506	\$8,094	\$412 (3)	\$15,767	\$15,767	\$0
Expenses	-6,225	-6,654	429 (3)	-15,709	-15,753	-44 (9, 10)
Reserve Drawdown (Deposit)	-2,281	-1,440	-841	-58	-14	44 (9, 10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
University Services System						
Revenues	\$14,122	\$13,576	\$546 (4)	\$22,863	\$22,863	\$0
Expenses	-9,795	-10,353	558 (4)	-22,444	-22,916	-472 (9, 10, 11)
Reserve Drawdown (Deposit)	-4,327	-3,223	-1,104	-419	53	472 (9, 10, 11)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Intercollegiate Athletics						
Revenues	\$30,969	\$30,150	\$819 (5)	\$42,345	\$46,450	\$4,105 (12)
Expenses	-19,840	-20,261	421 (5)	-39,424	-42,843	-3,419 (9, 10, 12)
Reserve Drawdown (Deposit)	-11,129	-9,889	-1,240	-2,921	-3,607	-686 (9, 10, 12)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Electric Service						
Revenues	\$7,920	\$7,970	\$-50 (6)	\$17,643	\$17,643	\$0
Expenses	-8,889	-8,998	109 (6)	-17,632	-17,466	166 (9, 10)
Reserve Drawdown (Deposit)	969	1,028	-59	-11	-177	-166 (9, 10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Inn at Virginia Tech/Skelton Conf. Center						
Revenues	\$5,077	\$4,426	\$651 (7)	\$8,679	\$9,179	\$500 (13)
Expenses	-4,930	-4,770	-160 (7)	-8,879	-9,364	-485 (9, 10, 13)
Reserve Drawdown (Deposit)	-147	344	-491	200	185	-15 (9, 10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Other Enterprise Functions						
Revenues	\$2,828	\$2,235	\$593 (8)	\$5,873	\$5,833	\$-40 (14)
Expenses	-3,321	-3,401	80	-4,969	-5,013	-44 (9, 10, 14)
Reserve Drawdown (Deposit)	493	1,166	-673	-904	-820	84 (9, 10, 14)
Net	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL AUXILIARIES						
Revenues	\$108,155	\$103,371	\$4,784	\$175,334	\$179,899	\$4,565
Expenses	-83,290	-84,274	984	-170,068	-174,974	-4,906
Reserve Drawdown (Deposit)	-24,865	-19,097	-5,768	-5,266	-4,925	341
Net	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Educational and General Projects

1. The project total budget reflects the appropriation available for fiscal year 2007, including amounts carried forward from fiscal year 2006. The annual budget reflects the amount needed to meet or exceed the State's 85 percent performance requirement by the end of the biennium.
2. Blanket Authorizations allow unforeseen small projects to be authorized administratively with nongeneral funds for expediency. The purchase of the Heavener property, as approved by the Commonwealth, was completed for \$1.483 million. This project also includes authorization to initiate planning for a Sciences Research and Academic Building to expedite the project in anticipation of state funding.
3. The project is complete and will be closed when final payments are processed.
4. This project includes the construction of a federally funded facility located near the Brooks Center. The project is under construction and occupancy is expected by summer 2007.
5. This project will bring the primary boiler up to current emission standards by adding pollution controls. Construction is complete and testing is underway, with project completion anticipated by late summer 2007.
6. This project addresses the improvement of campus heating infrastructure needed to accommodate current and future buildings in the southwest area of campus. The project will be accomplished in multiple phases. Phase I, which covers steam distribution upgrades, was bid in January and construction is underway. The bid packages for Phase II and Phase III are out for bid.
7. The project is complete and will be closed when final payments are processed.
8. This project will construct a multi-purpose building incorporating flexible space to temporarily house programs which have been dislocated due to renovation of their permanent facilities. Construction is underway, with occupancy expected in summer 2007.
9. This Critical Technologies Research Laboratory building project will construct a 77,000 gross square foot, state-of-the-art research facility that will support multidisciplinary research. Design is underway, with bids expected by spring 2009. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
10. This project is envisioned to construct a 22,000 gross square foot high containment research laboratory facility for the study of infectious diseases. The original funding plan included \$4 million of support from a NIH grant. The NIH grant program is on hold and the University plans to infuse nongeneral fund resources into the project to move it forward and avoid delays. The project is in the planning phase.
11. The purpose of this project is to construct a 48,000 gross square foot building along the campus perimeter to house various administrative and academic support functions in one central location. The project is in the planning phase.
12. This project will construct a new 7,000 gross square foot Visitor and Information Center at the Prices Fork entrance to the University near the new Alumni Center. The project is in the planning phase.

2002 General Obligation Bond Program

13. The project is complete and will be closed when final payments are processed.
14. The project utilizes a CM (Construction Manager) at Risk contracting method, and construction is underway, with occupancy expected by fall 2007. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
15. This project will construct a new laboratory facility to support instructional programs in the Building Construction department. Bids were received in October and the low bid came in \$298,000 over budget. The University addressed the overrun with a nongeneral fund administrative increase to keep the project moving forward and requested additional state support of \$298,000 in the 2007 session to replace the nongeneral funds. The total project budget is \$9,298,000. Construction is underway, with occupancy expected by early 2008. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
16. This project will update out-of-date general assignment classrooms on campus. The renovation work has been scheduled primarily over two summers, with completion expected in fall 2007.
17. This project will update the building's power and HVAC infrastructure to support modern instructional technology. Bids for the base project were within budget and construction is underway, with occupancy expected in summer 2008. Bids for additional work to upgrade the facility to meet ADA guidelines are expected this spring. A state supplement was requested in the 2007 session to ensure adequate funding for the ADA upgrades. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
18. This project will repair current exterior pre-cast concrete panels that are failing. Construction is underway, with completion anticipated in fall 2007.
19. The project is complete and will be closed when final payments are processed.
20. This project will renovate Henderson Hall to house art programs. Design work is underway on Henderson Hall, with an estimated bid date by summer 2007. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
21. This project is envisioned to construct a state-of-the-art performance theatre. A site has been identified and a stakeholders group formed with programming to follow. The cost estimate has been revised to \$63 million and the University has requested a \$13 million debt supplement in the 2007 session.
22. The project calls for the renovation of Agnew Hall and part of Burruss Hall for improved instructional space. Construction is underway in Burruss Hall, with occupancy expected in fall 2007. Agnew Hall is under design, with bids expected in September 2007.
23. This project will build a state-of-the-art, multidisciplinary research laboratory. The project is under construction, with an expected occupancy date in early 2008. The total project budget is \$37.985 million, \$4 million less than appropriated, because the state provided supplement funds to replace a portion of the \$6.989 million of nongeneral funds temporarily infused by the University to cover the bid overrun. The University requested additional state support of \$2,989,225 in the 2007 session to replace the remaining nongeneral funds temporarily infused in the project.
24. The starting time of this project is based on the state's capital implementation plan.

CAPITAL OUTLAY PROJECTS
AUTHORIZED AS OF DECEMBER 31, 2006

Dollars in Thousands

	CURRENT YEAR			TOTAL PROJECT BUDGET						
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Educational and General Projects</u>										
Maintenance Reserve	\$ 7,781	\$ 7,429	\$ 3,506	\$ 8,740	\$ 0	\$ 0	\$ 0	\$ 8,740	\$ 3,506	(1)
Blanket Authorizations	5,000	1,483	1,483	0	0	6,143	0	6,143	1,484	(2)
Career Services Facility	133	133	0	0	0	0	4,608	4,608	4,475	(3)
Fisheries and Aquatics Research Center	700	700	46	0	0	870	0	870	148	(4)
Boiler Pollution Controls	3,531	3,300	1,945	3,850	0	0	2,000	5,850	4,266	(5)
Upgrade Campus Heating Plant	3,000	3,000	372	17,250	0	2,750	11,500	31,500	966	(6)
Graduate School Facility	1,609	1,565	1,520	0	0	250	3,000	3,250	3,205	(7)
Surge Space Building	7,000	6,200	621	0	0	0	8,500	8,500	1,115	(8)
Institute for Critical Technology and Applied Science II	700	200	0	13,519	0	0	17,500	31,019	0	(9)
Infectious Disease Research Facility	200	200	0	3,137	0	4,000	0	7,137	0	(10)
Administrative Services Building	250	250	0	0	0	0	12,000	12,000	0	(11)
New Visitor and Admissions Center	100	100	0	0	0	0	5,250	5,250	0	(12)
TOTAL	30,003	24,560	9,493	46,496	0	14,013	64,358	124,867	19,165	
<u>2002 General Obligation Bond Program</u>										
Latham Hall	4,530	4,525	3,051	2,555	23,168	2,756	0	28,479	27,005	(13)
Life Sciences I	23,000	20,000	10,895	4,987	26,263	0	8,750	40,000	19,088	(14)
Bishop-Favrao Hall	4,300	3,500	358	750	2,500	6,048	0	9,298	938	(15)
Classroom Improvements, Phase I	4,600	4,600	2,141	2,740	4,530	0	0	7,270	2,841	(16)
Cowgill Hall HVAC and Power	4,000	3,000	205	2,600	7,500	0	0	10,100	579	(17,24)
Litton-Reaves Hall Exterior Repairs	3,696	2,500	223	1,630	2,500	0	0	4,130	669	(18)
Main Campus Chilled Water Central Plant	681	680	446	0	2,800	0	0	2,800	2,566	(19)
Henderson Hall	500	1,200	450	3,875	6,542	2,235	0	12,652	777	(20,24)
Performing Arts Center	300	300	0	0	0	5,000	45,000	50,000	0	(21,24)
Agnew & Burruss Hall Renovations	2,000	1,500	185	0	4,802	0	0	4,802	373	(22,24)
Inst. for Critical Technology and Applied Science, Ph I	15,200	15,200	4,539	4,000	13,996	6,989	17,000	41,985	7,759	(23)
TOTAL	62,807	57,004	22,491	23,137	94,601	23,028	70,750	211,516	62,595	

CAPITAL OUTLAY BUDGET (continued)**Auxiliary Enterprises Projects**

1. Projects are scheduled and funded by the auxiliary enterprises during the annual Auxiliary Enterprise Budgeting Process.
2. The Smithfield parking lot project is complete with an expected cost of \$731,000 to be charged to this project. Another \$356,000 is expected to be charged to this project for the costs of planning a parking deck. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
3. The project is complete and will be closed when final payments are processed. The total estimated cost is expected to be \$43.118 million.
4. The project is essentially complete and will be closed when final payments have been processed, with an expected total cost of \$54.02 million.
5. This project envisions a new residence hall of approximately 256 beds along with office space for residential services and judicial affairs. The project is in the design phase, with bids expected by fall 2007. The adjusted budget is \$23.041 million.
6. This project is envisioned to build dining, student activity, meeting, and classroom space. The project is on hold pending further review of the site location and program priorities.
7. This project is envisioned to expand the existing student center by adding dining, student activity, meeting, and classroom space. The project is on hold pending further review of the site and program priorities.
8. This project will address ongoing facility upgrade and improvement needs in the existing residence and dining system to keep the programs up-to-date with student expectations. Renovations may include the addition of air conditioning, upgrading electrical and infrastructure systems, exterior improvements, and modernization of room arrangements. The project is currently in the preliminary programming phase. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
9. This project will provide 43,000 gross square feet of new construction to meet the growing demand for increased student counseling and clinical space and additional recreational areas for the growing exercise and sports programs serving the University community. The project is currently in the preliminary programming phase. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.
10. The purpose of this project is to build a new, 120,000 gross square foot field house to increase the availability of indoor training time for football and other athletic programs. The project is on temporary hold to advance the Basketball Practice Facility. The annual budget was adjusted to reflect revised cash outflows for fiscal year 2007.

Capital Outlay Projects Authorized as of December 31, 2006 (Continued)

Dollars in Thousands

	CURRENT YEAR			TOTAL PROJECT						
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Auxiliary Enterprises Projects</u>										
Maintenance Reserve	\$ 3,486	\$ 3,486	\$ 2,471	\$ 0	\$ 0	\$ 4,483	\$ 0	\$ 4,483	\$ 2,471	(1)
Parking Auxiliary Projects	1,087	700	508	0	0	79	19,505	19,584	508	(2)
Alumni/CEC/Hotel Complex	890	890	168	0	0	25,099	20,732	45,831	42,130	(3)
Expand Lane Stadium, West Side	5,149	5,149	1,368	0	0	4,962	54,740	59,702	50,239	(4)
New Residence Hall	1,000	1,000	354	0	0	1,041	22,000	23,041	442	(5)
Dining and Student Union Facility	0	0	0	0	0	0	6,250	6,250	0	(6)
G. Burke Johnston Student Center Addition	0	0	0	0	0	0	6,250	6,250	46	(7)
Major Residence and Dining Hall Improvements	600	100	0	0	0	0	14,000	14,000	0	(8)
Recreational, Counseling, Clinical Space	250	100	0	0	0	0	13,000	13,000	0	(9)
Indoor Athletic Training Facility	500	0	0	0	0	0	25,000	25,000	0	(10)
TOTAL	12,961	11,424	4,869	0	0	35,664	181,477	217,141	95,837	
GRAND TOTAL	\$ 105,771	\$ 92,989	\$ 36,852	\$ 69,633	\$ 94,601	\$ 72,705	\$ 316,585	\$ 553,524	\$ 177,597	

RECOMMENDATION:

That the report of income and expenditures for the University Division and the Cooperative Extension/Agricultural Experiment Station Division for the period of July 1, 2006 through December 31, 2006 and the Capital Outlay report be accepted.

POTENTIAL LIST OF PROJECTS FOR THE 2008-2014 CAPITAL PLAN**VIRGINIA TECH****as of March 1, 2007**

The University prepares an updated Six-Year Capital Outlay Plan (Plan) every two years as part of the state budget cycle. The next plan will be the 2008-2014 Plan. Traditionally, the submission of the upcoming capital plan to the state occurs in the spring and summer of the year before the biennium begins. Based on that timetable, the 2008-2014 Plan will be due in the spring or summer of 2007. However, the state has not yet provided guidance for the development of 2008-2014 Plan.

In order to be prepared for the submission of the 2008-2014 Plan, the University began work during Fall 2006 on the identification and evaluation of potential projects for inclusion in the Plan. The list of unfunded capital projects from the 2006-2012 Plan served as the starting point for the identification of projects for the 2008-2014 Plan. New projects for high priority initiatives or infrastructure were then added to the list of potential projects, and project cost estimates were developed and updated, as needed.

Based on this preliminary work, and in anticipation of future guidance and instructions from the state, the University has developed a list of potential projects for inclusion in the 2008-2014 Plan. These projects are consistent with programmatic needs established for the prior planning period and with the strategic plan of the University, and they position the University with options to respond to guidance from the state. Because such guidance is not yet available, the full list of potential projects is not divided into biennia or priority order at this time. Rather, the projects are arranged by type (renovation, infrastructure, or new construction) and are sorted in alphabetical order.

Traditionally, the state has required the review and approval by the Board of Visitors of the updated Plan. Since the submission date for the new Plan may occur before the June 2007 Board of Visitors meeting, the University is seeking, at this time, the review and approval of the list of potential projects for inclusion in the 2008-2014 Plan. The full list is shown on the attached Schedule A. When guidance and instructions are received from the state, the University will prepare a final 2008-2014 Plan. The Plan will be based upon the projects included in the list of potential projects, and will be organized by biennia and priority order. The University will provide an update to the status of the 2008-2014 Plan at the June Board of Visitors meeting. This update will include the final 2008-2014 Plan, which will provide the arrangement of projects by each biennium for the six-year plan.

Under restructuring authority, the Board may authorize projects funded 100 percent by nongeneral fund support. These projects may be initiated

independent of the state budget process. The three Management Agreement institutions are working together on a common presentation strategy to the state for these projects. The institutions will review the presentation strategy with the state to ensure that needed information is provided in a cooperative manner with the state while minimizing the submission work requirements for the 100 percent nongeneral fund projects. For information purposes, projects are listed in the six-year plan submitted to the state; however, the University will likely bring some of these projects to the Board of Visitors at various times for approval to initiate the projects as needed and as funding becomes available.

The University has identified several 100 percent nongeneral fund projects for the 2008-2014 planning period; these projects are shown on attached Schedule B. These projects are a subset of the full list shown on Schedule A. Schedule B shows the projects listed by major program with the planned revenue source(s). In most if not all cases, these projects will be financed initially through debt issues, with the listed revenue sources providing the debt service over 20 years. The University may bring resolutions to the Board to initiate these projects independent of the state budget process.

Recommendation: That the list of potential projects for inclusion in the 2008-2014 Capital Outlay Plan be approved and that the University be authorized to develop and submit the Plan, in accordance with future guidance from the state and based on the projects in the approved list.

Schedule A

LISTING OF POTENTIAL PROJECTS
FOR INCLUSION IN THE 2008-2014 CAPITAL PLAN

VIRGINIA TECH

as of March 1, 2007

	Estimated Cost in Thousands		
	State Funds	Nongeneral Funds	Total
RENOVATION PROJECTS			
<u>Educational and General Programs</u>			
Cyber Arts and Creative Technologies Laboratory	\$ 19,200		\$ 19,200
Renovate Classroom Infrastructure, Phase II	4,300		4,300
Renovate Derring Hall for Architecture and Business	46,000		46,000
Renovate Historic Section of Davidson Hall	19,500		19,500
Renovate Holden Hall	16,800		16,800
Renovate Hutcheson/Smyth Halls	38,000		38,000
Renovate Kentland Facilities	5,500		5,500
Renovate Lane Hall & Construct Addition	15,300		15,300
Renovate Liberal Arts Building	7,500		7,500
Renovate Newman Library	43,500		43,500
Renovate Norris Hall	22,500		22,500
Renovate Patton Hall	23,500		23,500
Renovate Price Hall	31,900		31,900
Renovate Randolph Hall	45,000	\$ 15,000	60,000
Renovate Robeson Hall	29,500		29,500
Renovate Sandy Hall	6,000		6,000
Renovate Thomas Hall for Academic Programs	10,000		10,000
Repair Hahn Hall Exhaust Fan	2,400		2,400
Replace Deteriorated Section of Davidson Hall	31,300		31,300
Replace Femoyer Hall	8,500		8,500
	<u>426,200</u>	<u>15,000</u>	<u>441,200</u>
<u>Auxiliary Enterprise Programs</u>			
Renovate Cadet Residence Halls (Brodie, Rasche, Monteith)		29,000	29,000
Renovate East and West Ambler Johnston		65,000	65,000
Renovate Owens and West End Market Food Courts		4,500	4,500
Repair McComas Hall Exterior Wall Structure		6,000	6,000
	<u>0</u>	<u>104,500</u>	<u>104,500</u>
TOTAL RENOVATION PROJECTS	<u>\$ 426,200</u>	<u>\$ 119,500</u>	<u>\$ 545,700</u>

Schedule A

LISTING OF POTENTIAL PROJECTS
FOR INCLUSION IN THE 2008-2014 CAPITAL PLAN

VIRGINIA TECH

as of March 1, 2007

	Estimated Cost in Thousands		
	State Funds	Nongeneral Funds	Total
NEW CONSTRUCTION PROJECTS			
<u>Educational and General Programs</u>			
Architecture Research Facility		\$ 10,000	\$ 10,000
Classroom Building	\$ 23,000		23,000
Engineering Signature Building	43,300	35,000	78,300
Engineering/Computational Sciences Instructional Facility	16,900	9,100	26,000
Human and Agricultural Biosciences Building I	54,350		54,350
Library High Density Storage-High Speed Access Facility	7,200		7,200
Life Sciences Research Laboratory II	27,300	27,300	54,600
Plant Growth Center Laboratory Building	51,000		51,000
Replace CIMMID Laboratories	13,300		13,300
Sciences Research and Academic Building	31,200	16,800	48,000
Translational Medicine Laboratory	31,300	31,300	62,600
Undergraduate Science Laboratory Building	35,000		35,000
VBI Addition		24,000	24,000
Veterinary Medicine Instruction Addition	10,600	1,400	12,000
VTTI Building III -- Capital Lease		14,500	14,500
Wood Science Department Building	32,000		32,000
	376,450	169,400	545,850
<u>Auxiliary Enterprise Programs</u>			
Academic and Student Affairs Building	8,080	32,320	40,400
Additional Lodging Rooms at the Inn (55 rooms)		11,700	11,700
Basketball Practice Facility		20,000	20,000
CNS Storage Facility		4,500	4,500
Northwest Student Union Facility		34,000	34,000
Oak Lane Commons Building		8,000	8,000
Olympic Sports Locker Rooms and Training Facility		4,000	4,000
	8,080	114,520	122,600
TOTAL NEW CONSTRUCTION PROJECTS	\$ 384,530	\$ 283,920	\$ 668,450

Schedule A

**LISTING OF POTENTIAL PROJECTS
FOR INCLUSION IN THE 2008-2014 CAPITAL PLAN**

VIRGINIA TECH

as of March 1, 2007

	Estimated Cost in Thousands		
	State Funds	Nongeneral Funds	Total
INFRASTRUCTURE PROJECTS			
Chiller Plant, Phase I, 2008-2010	\$ 12,000	\$ 8,000	\$ 20,000
Chiller Plant, Phase II, 2010-2014	12,000	8,000	20,000
Chiller Plant, Phase III, 2012-2014	12,000	8,000	20,000
Code Compliance: Fire Alarm Systems and Access, 2008-2010	3,000		3,000
Code Compliance: Fire Alarm Systems and Access, 2010-2014	3,000		3,000
Code Compliance: Fire Alarm Systems and Access, 2012-2014	3,000		3,000
Maintenance Reserve, 2008-2010	24,000	8,000	32,000
Maintenance Reserve, 2010-2012	26,000	8,000	34,000
Maintenance Reserve, 2012-2014	28,000	8,000	36,000
Technology Infrastructure		27,000	27,000
TOTAL INFRASTRUCTURE PROJECTS	\$ 123,000	\$ 75,000	\$ 198,000
TOTAL OF POTENTIAL CAPITAL OUTLAY PROJECTS FOR INCLUSION IN THE 2008-2014 CAPITAL PLAN	\$ 933,730	\$ 478,420	\$ 1,412,150

NOTES:

Costs reflect midpoint of construction -- 2011 @ 5 percent annual inflation

LIST OF PROJECTS WITH 100 PERCENT NONGENERAL FUND SUPPORT

CAPITAL OUTLAY PLAN FOR 2008-2014

VIRGINIA TECH

as of March 1, 2007

	Revenue Sources in Thousands				
	Gifts	Indirect Cost Recoveries	Reserves	Operating and Fees Revenue	Total
Educational and General Programs					
VBI Addition		\$ 24,000			\$ 24,000
VTTI Building III -- Capital Lease		14,500			14,500
Auxiliary Enterprise Programs					
Additional Lodging Rooms at the Inn (55 rooms)				\$ 11,700	11,700
Basketball Practice Facility	\$ 10,600			9,400	20,000
CNS Storage Facility				4,500	4,500
Northwest Student Union Facility				34,000	34,000
Oak Lane Commons Building				8,000	8,000
Olympic Sports Locker Rooms and Training Facility	4,000				4,000
Renovate Cadet Residence Halls (Brodie, Rasche, Monteith)				29,000	29,000
Renovate East and West Ambler Johnston				65,000	65,000
Renovate Owens and West End Market Food Courts				4,500	4,500
Repair McComas Hall Exterior Wall Structure				6,000	6,000
Technology Infrastructure				31,000	31,000
TOTAL	\$ 14,600	\$ 38,500	\$ -	\$ 203,100	\$ 256,200

NOTES:

Costs reflect midpoint of construction -- 2011 @ 5 percent annual inflation

Approval of Planning Project for the Basketball Practice Facility

VIRGINIA TECH

March 26, 2007

As a member of the Atlantic Coast Conference, Virginia Tech competes among the highest level of basketball competition in the NCAA. The University is in the process of enhancing its men's and women's basketball programs in response to this increased level of competition. The programs are working to attract and maintain high caliber athletes and coaches. Proper facilities are a critical element for a successful program. However, the University's existing practice facilities for the basketball programs do not provide adequate training space and do not meet the expectations of the athletes or coaches. The existing space is outdated, lacks adequate equipment, does not accommodate both programs, and is a deterrent in recruiting.

As a result, the University has determined that the best solution is a new facility devoted to men's and women's basketball. The proposed Basketball Practice Facility is envisioned as a 59,000 gross square foot building including two practice courts, men's and women's locker rooms, a training room for both teams, and space for Olympic weight training. The location is adjacent to Cassell Coliseum on the east side. This project will address the critical practice facility needs of the men's and women's programs. In order to address the programs' needs as quickly as possible, the University has proposed a project schedule that will move directly to procurement of design services with an aggressive target completion of summer 2009 and an acceptable completion date of summer 2010, with the final date depending on responses from construction management firms.

The estimated project cost inclusive of design, construction, and equipment is \$20 million. As with all self-supporting projects, the University has developed a financing plan to provide assurance regarding the financial feasibility of the project. This plan calls for a combination of private gifts and debt serviced by the athletics capital assessment fee. The project resources will include \$10.6 million of cash from private gifts and \$9.4 million of debt. The fund raising program is successfully underway with \$4.7 million pledged as of January 26, 2007, including \$2.3 million in hand. The Development Office is confident that the Athletics program has the capacity and can be successful in raising the private funds in accordance with the financing plan. The existing athletics capital assessment fee is sufficient to cover debt service on \$9.4 million and meet its other obligations. The assessment fee revenue is available to apply to this financing plan. As a result, the University is confident that the financial plan is sufficient to move forward with planning authorization.

Under the 2006 Management Agreement between the Commonwealth of Virginia and the University, the Board of Visitors has the authority to approve the budget, size, scope, and funding of nongeneral fund capital outlay projects. This request is for a planning authorization to move forward with design of the proposed \$20 million Basketball Practice Facility. The University will bring forward a subsequent request to move forward with construction when design is underway and costs and schedule are validated.

Resolution on Planning Project for the Basketball Practice Facility

WHEREAS, as members of the Atlantic Coast Conference the University's men's and women's basketball programs compete at the highest level in the NCAA; and,

WHEREAS, the existing practice facilities of the basketball programs do not provide adequate training space and do not meet the expectations of the athletes or coaches; and,

WHEREAS, the existing space is outdated, lacks adequate equipment, does not accommodate both programs, and is a deterrent in recruiting; and,

WHEREAS, the proposed Basketball Practice Facility is envisioned as a 59,000 gross square foot building located adjacent to Cassell Coliseum on the east side including two practice courts, men's and women's locker rooms, a training room for both teams, and space for Olympic weight training; and,

WHEREAS, this project will address the critical facility needs of the men's and women's programs; and,

WHEREAS, the estimated project cost inclusive of design and construction is \$20 million with a funding plan that includes a combination of private gifts and debt serviced by the athletics capital assessment fee; and,

WHEREAS, the University has developed a financing plan that can successfully support the development of a \$20 million facility; and,

WHEREAS, under the 2006 Management Agreement between the Commonwealth of Virginia and the University, the Board of Visitors has authority to approve the budget, size, scope, and funding of nongeneral funded major capital outlay projects; and,

WHEREAS, this request is for a planning authorization to move forward with design of the estimated \$20 million Basketball Practice Facility; and,

WHEREAS, the University will bring forward a subsequent request to move forward with construction when design is underway and costs and schedule are validated;

NOW, THEREFORE, BE IT RESOLVED that the University, in consultation with the Division of Student Affairs, be authorized to move forward with design of a Basketball Practice Facility.

RECOMMENDATION:

That the above resolution authorizing Virginia Tech to enter into design of a Basketball Practice Facility be approved.

March 26, 2007

Board of Visitors
Committee on Research
Minutes
2:00-3:15p.m. – Draper's Meadow Room
The Inn at Virginia Tech and Skelton Conference Center
March 25, 2007

Committee Members Present: Mr. Ben Davenport, Chair, Mr. Jake Lutz, Mr. Mike Anzilotti, Mr. Phil Thompson, Mr. John Lawson, and Ms. Sandy Lowe.

Committee Members Absent: None.

Other Attendees: Dr. Charles Steger, Dr. Mark McNamee, Mr. James Hyatt, Ms. Lori Wagner, Ms. Shelley Duke, Dr. Brad Fenwick, Dr. John Dooley, Ms. Kay Heidbreder, Dr. Ted Settle, Ms. Jean Brickey, Mr. Mark Armagost, Mr. Ralph Byers, Ms. Susan Trulove, Ms. Donna Ratcliffe, Dr. Erv Blythe, Mr. David Brady, and Ms. Pam Pettry

Welcome and Introductory Remarks: Mr. Davenport thanked everyone for their attendance and mentioned the November tour of the VT KnowledgeWorks building and the expectations for commercialization.

Welcoming Comments from Dr. Steger: Dr. Steger announced research funding for last year increased by 30 million to 325 million. He also stated competition is increasing and that federal funding is flattening out.

Approval of November 5, 2006 Minutes: Mr. Anzilotti motioned approval of the minutes. Mr. Lutz seconded the motion. The minutes were approved as written.

Intellectual Properties Resolution: Mr. Davenport presented the intellectual properties resolution to the committee for approval. Dr. Fenwick provided background information on the resolution and said it will aid in a handful of negotiations in a years time. Mr. Lawson motioned approval and Mr. Anzilotti seconded. After discussion regarding procedures within the Office of Sponsored Programs, private sector perceptions of working with academia, state requirements, and an assurance from Dr. Steger of reporting plans, the resolution was approved unanimously. The resolution will be sent forward to the full board.

Enhanced Commercial and Foundation Relations: Dr. Settle presented findings in an interim report on corporate relations at Virginia Tech. Drs. Dooley, Fenwick, and Flanagan appointed a task force to create a coherent vision and strategy for the university in the area of corporate relations. Dr. Settle identified the members of the task force and the evaluation activities they have been involved with thus far. He reported that corporate relations at the university resulted in \$38M in corporate-funded sponsored research; \$13.7M in corporate-funded gifts; and 14 new licenses through VTIP for 2006. Dr. Settle also stated there are 2,657 companies who actively recruit Virginia Tech students. He presented the findings from the task force in several different methods.

From a national analysis he reported on the areas of industry-financed R&D at universities; average academic R&D funding from industry; and universities with less than 10% of R&D funding from industry. From the national analysis, Dr. Settle concluded that industry-financed R&D at U.S. universities is decreasing but that Virginia Tech's market share is increasing slightly. He also reported that non-DOD government financed R&D at U.S. universities is expected to be flat or decline for the foreseeable future.

From an internal perspective, Dr. Settle reported that the corporate-focused individuals and departments are very capable and work well together in a timely, but ad hoc, manner. He stated no overall systematic approach has been established on how the university should work with and approach companies. He mentioned that as a result we may miss opportunities to cross-sell other services and develop institutional relationships. Dr. Settle elaborated that there is no centralized way for all to know which departments are talking with which companies nor are there any strategic thrusts with targeted companies. He mentioned some companies do want a larger relationship but no institutional mechanism exists to make these relationships happen.

From the benchmarking perspective, Dr. Settle stated all institutions are concerned about corporate relations. He reported from the compared institutions there is a decreasing corporate willingness to fund affiliates-type programs/services and that internal relationships are as important as the external ones. He also stated the closer the university is to a facility headquarters and the larger the number of employees in the facility, the greater the interaction between the university and facility. Dr. Settle mentioned 3 universities have identified and targeted certain companies with an overall strategic thrust. He also provided information on selected initiatives at the benchmarked universities. Dr. Settle provided a graph and discussed the hierarchy of need from the University of Minnesota. Dr. Settle reported offices of corporate relations are most often located within offices of Development followed by offices of Research.

Dr. Settle provided graphs detailing top 20 companies who have hired recent Virginia Tech graduates; top 20 companies who sponsor research at Virginia Tech; top 20 companies who generate VTIP revenue from Virginia Tech research; and the top 20 companies who donate to Virginia Tech. The findings from the top 20 companies are: 1) no company ranked in the top 20 of hiring graduates, sponsoring research, IP revenue, and gifts; 2) six companies ranked in 2 of the 4 top 20 categories; 3) Virginia Tech has very few comprehensive relationships with companies – most relationships are very segmented; and 4) there is little relationship between companies that hire the largest number of our graduates and whether those companies fund research, provide gifts, or license IP.

Dr. Settle stated our current website is not as business-friendly as it needs to be, although websites at top tier research institutions, with the exceptions of the University of Minnesota and the University of Wisconsin, also were not very business-friendly.

Dr. Settle concluded that there is no coordinated, comprehensive, nor strategic cultivation of corporations at Virginia Tech. He mentioned plans are to conduct a survey to assess the needs of our current corporate partners to see what they value, what they need, and how to assess our current operations with the outcome for Virginia Tech to be the most-business friendly university in Virginia. He stated he plans to present a final report to the committee at their June 2007 meeting.

Discussions centered on the need for a culture shift at the university, the necessity of creating interpersonal relationships and maintaining those relations, suggestions of types of corporations and foundations to approach, and the importance of having a proactive and persistent facilitator/s who will take ownership and match capabilities with needs. A suggestion was made to involve the deans and to create a set of recommendations for a pilot program. Dr. Steger assured the committee of update reports to them.

Adjournment: Mr. Davenport adjourned the meeting at 3:20p.m.

Resolution Authorizing the Office of Sponsored Programs to Negotiate Rights to Intellectual Property

WHEREAS, the General Assembly amended §23-4.4(A), Code of Virginia, to provide as follows:

“A. The boards of visitors, the State Board for Community Colleges, or their designees are authorized to assign any interest they possess in intellectual property or in materials in which the institution claims an interest, provided such assignment is in accordance with the terms of the institution’s intellectual property policies adopted pursuant to subsection A of §23-4.3. However, the Governor’s prior written approval shall be required for transfers of such property developed wholly or predominately through the use of state general funds, exclusive of capital assets, and either (i) such property was developed by an employee of the institution acting within the scope of his assigned duties, or (ii) such property is to be transferred to an entity other than the Innovative Technology Authority, an entity whose purpose is to manage intellectual properties on behalf of nonprofit organizations, colleges and universities, or any entity whose purpose is to benefit the respective institutions. The Governor may attach conditions to these transfers as he deems necessary. In the event the Governor does not approve such transfer, the materials shall remain the property of the respective institutions and may be used and developed in any manner permitted by law,” and

WHEREAS, it is the conclusion of the Board of Visitors that the ability to perform sponsored research enhances the knowledge base of Virginia Tech, the Commonwealth of Virginia and individual faculty members, as well as enhances economic development opportunities, and

WHEREAS, the Board of Visitors also desires to affirm its commitment to aggressively pursue sponsored research, including, but not limited to research funded by private corporations, and

WHEREAS, the Board of Visitors acknowledges that a range of options with respect to ownership, licensing, protection and marketing intellectual property are an important component of a strong, robust sponsored research agenda, and

WHEREAS, Virginia Polytechnic Institute and State University adopted Policy 13,000, Policy on Intellectual Properties as confirmed in the Board of Visitors on December 5, 1986, and

WHEREAS the Board of Visitors desires to reaffirm its commitment to the Virginia Tech Intellectual Property Policy, and

WHEREAS, Section 2.4 of the Intellectual Property Policy addresses the ability of Virginia Tech to negotiate a range of options with sponsors regarding ownership and licensing of intellectual property, and

WHEREAS, negotiating rights to intellectual property with sponsors necessitates a broad spectrum, including, but not limited to, full ownership of intellectual property vesting in the sponsor or in the University, with exclusive or non-exclusive licensing options, or a grant of no rights, depending upon the needs of all parties, and

WHEREAS, the Board of Visitors desires to authorize full authority to negotiate rights in intellectual property in sponsor funded projects, including but not limited to full ownership of intellectual property as well as licensing options, consistent with the terms of the Intellectual Property Policy and the Code of Virginia.

NOW THEREFORE BE IT RESOLVED THAT:

The Board of Visitors reaffirms its commitment to the Policy on Intellectual Properties as Virginia Polytechnic Institute and State University policy, and

The Board of Visitors further authorizes, consistent with the Intellectual Property Policy and the Code of Virginia, that the Office of Sponsored Programs is permitted to negotiate the full range of sponsor rights to intellectual property depending upon the best interests of all parties involved.

RECOMMENDATION:

That the resolution affirming the Board of Visitors' commitment to the university's Policy on Intellectual Properties and authorizing the Office of Sponsored Programs to negotiate the full range of sponsor rights to intellectual property depending on the best interests of all parties involved and in accordance with the Intellectual Property Policy and the Code of Virginia be approved.

Minutes

STUDENT AFFAIRS AND ATHLETICS COMMITTEE OF THE BOARD OF VISITORS

March 26, 2007

**Cascades Room
Skelton Conference Center
8:30 a.m.**

PRESENT: Mr. Michael Anzilotti, Chair
Mr. L. Bruce Holland
Mr. Greg Sagstetter
Dr. Lori Wagner
Mr. Jacob A. Lutz, III, Rector

GUESTS: Dr. Susan Angle, Mr. Mark Berman, Dr. Cynthia Bonner, Ms. Jennifer Crook, Dr. Rick Ferraro, Mr. Jon Hardage, Ms. Kay Heidbreder, Dr. Zenobia Hikes, Ms. Jenna Lazenby, Mr. Marc Saint Raymond, Ms. Donna Sanzenbach, Dr. Guy Sims, Mr. Ryan Smith, Dr. Edward Spencer, Dr. Charles Steger, Mr. Dan Strickland, Mr. James Tyger, Mr. Jim Weaver, Ms. Anna Williams, Mr. Chris Wise

1. **Opening remarks and approval of November 6, 2006, minutes.** Mr. Michael Anzilotti, Chair, provided opening remarks and submitted the minutes of the November 6 Student Affairs Committee meeting to the committee for review and approval. The minutes were approved as written.
2. **Approval of January 22 Minutes for the Virginia Tech Academic Affairs and Student Affairs BOV Planning Retreat.** Mr. Anzilotti submitted the minutes of the January 22 Academic Affairs and Student Affairs BOV Planning Retreat to the committee for review and approval. The minutes were approved as written. Mr. Anzilotti asked that the discussion of Principles of Community continue, and that ethics workshops be provided for faculty and students to enhance participation.
3. **Introduction of New Assistant Vice President for Student Affairs.** Dr. Zenobia Hikes, Vice President for Student Affairs, introduced Dr. Richard Ferraro, the new Assistant Vice President for Student Affairs. Dr. Ferraro has 21 years of experience in higher education administration, student affairs, teaching, and research. Prior to this position, he served as the Dean of Students at Bucknell University. Dr. Hikes asked Dr. Ferraro to speak briefly. Dr. Ferraro said he has several family ties to Virginia Tech, and is very excited to be on board. He looks

forward to using his wide range of professional experiences at such a broad and diverse university as Virginia Tech.

4. **Athletic Department Quarterly Report.** Mr. James Weaver, Athletic Director, provided his quarterly report on the Athletic Department. He indicated that the NCAA Recertification Self-Study is on-going and the process will be completed in late spring. On behalf of Athletics, he thanked all those who have been actively involved in the process. Mr. Weaver shared the following statistics on the sports teams:

- Football—Finished 10-3 overall, 6-2 in ACC. Finished second in ACC Coastal Division. Hokies played in their 14th straight bowl game. Team was ranked 19th in final AP Poll and 18th in final coaches poll. Team finished No. 1 in total defense, pass defense, and scoring defense. Bud Foster won the Broyles Award as the national's top assistant coach.
- Men's Soccer—Earned an NCAA bid for the second-straight season. Were ranked as high as No. 8 during one point in the season, an all-time high. Sophomore Patrick Nyarko was named to the All-ACC first team.
- Women's Soccer—Finished 6-8-4 overall. Senior goalkeeper Mallory Soldner wrapped up her career with the most shutouts and wins in the Hokies' record book. Ms. Soldner won an NCAA post-graduate scholarship.
- Women's Cross Country—Competed in their first ever NCAA Championship, finishing 18th. Finished third in the NCAA Southeast Regional Championship with five all-region runners. Team placed fifth in the ACC meet.
- Men's Cross Country—Placed sixth in the ACC Championships. Devin Cornwall was named the ACC Freshman of the Year.
- Women's Volleyball—Finished 17-14 overall. Team had its first winning record since 2002 under new head coach Chris Riley. Placed sixth in ACC, setting school record for ACC wins in a season. Senior Katie Esbrook became the program's first All-ACC pick, making first team.
- Women's Basketball—Finished seventh in the ACC. Advanced to second round of ACC Tournament. Program is making its tenth consecutive post-season appearance.
- Softball—Currently 24-9 overall. Team is currently ranked 24th in the country. Hokies had five wins over nationally ranked teams. Team was picked third in preseason ACC Poll.
- Baseball—Currently 13-8 overall. Team in first season under new coach Pete Hughes. Team has two wins over No. 21 ranked Georgia Tech on the road.
- Men's Tennis—Currently 10-3 overall. Team is currently ranked 35th in nation. Team is 3-3 against nationally ranked opponents.
- Women's Tennis—Currently 9-6 overall. Team is currently ranked 69th in the nation. Schedule has already featured seven nationally ranked opponents.
- Men's Basketball—Finished 22-12 overall. Finished tied for third in ACC regular season standings. Third seed in the 2007 ACC Tournament. Made first NCAA appearance since 1996. Won their first NCAA Tournament game. Zabian Dowdell was named first team All-ACC. Jamon Gordon was named

- ACC Defensive Player of the Year. Hokies were ranked as high as No. 21 in the AP Poll.
- Women's Indoor Track—Became just the second Tech squad to win an ACC Championship. Dave Cianelli was named the ACC Coach of the Year and the United States Track and Field Cross Country Coaches Association Southeast Region Coach of the Year. They had 10 All-ACC performers. Placed 30th at the NCAA Championships and had six All-Americans.
 - Men's Indoor Track—Finished sixth at the ACC Championships. Team had a total of five All-ACC performances. Pole vaulter Thorsten Mueller became an All-American at the NCAA Championships with a seventh place finish. Shot putter Justin Clickett also earned All-American honors with his ninth place finish.
 - Women's Swimming and Diving—Finished 9-2 overall. Earned a fourth place finish at ACC Championship. Junior Jessica Botzum became first Tech swimmer to win two ACC titles. Ms. Botzum and Sara Smith both qualified for the NCAA Championships. The two women gave the Hokies a 22nd place finish among 43 teams.
 - Men's Swimming and Diving—Finished 10-2 overall. Finished fourth at ACC meet. Became the first in school history to win ACC Championship in relay events, as well as a championship in the 100-yard butterfly.
 - Wrestling—Finished 6-2 overall. Finished fifth out of six teams in the league. Produced one ACC champion. Had two NCCA qualifiers.
5. **Resolution to Revise Policy 1035 on Student–Athlete Conduct.** Ms. Kay Heidbreder, General Counsel, presented a resolution outlining changes to the policy on Student-Athlete Conduct. In the mid 1990's, Virginia Tech developed a document titled the Comprehensive Action Plan, which covered behavioral expectations of student athletes for off the field conduct. The plan made it clear that student athletes were subject to the same University Policies on Student Life that govern all other students enrolled at Virginia Tech. In addition, the plan also addressed behavioral issues related to a student athlete's ability to participate in team activities in the event a student athlete was charged with a crime or was convicted of a crime. The plan has been part of the Student Athlete Handbook since 1997. The plan was recently reviewed by a committee appointed by Dr. Steger. The committee recommended that the plan be presented to the Board of Visitors for adoption as formal University Policy. In addition, minor changes to improve the plan were made.

During the question and answer period, Dr. Hikes asked for later follow-up that will clarify the responsibility of Athletics for communicating information to Student Affairs about conduct violations.

The committee then recommended the Revised Policy 1035 on Student Athlete Conduct be sent forward to the Full Board for approval.

6. **Explanation of Family Educational Rights and Privacy Act (FERPA).** Ms. Heidbreder also provided an explanation of FERPA and how it affects the university. The committee received a report on the University's obligation to follow the Federal Education Rights Privacy Act (Buckley Amendment). Originally enacted in the 1970s, this act covers student records and prohibits access to and disclosure of student records and personal student information without the student's consent. The major relevant exceptions to the law permit disclosure in medical emergencies, when authorized by court order, and disclosure to university employees so that they may perform their official duties. The act further authorizes the university to inform victims of violent crime of the imposition of university sanctions on a student. In addition, alcohol violations by students under 21 may be reported to parents.

7. **Presentation on Facebook Social Networking Site.** Ms. Anna Williams, Judicial Coordinator, gave a presentation on *Facebook*, an Internet social networking site. Social networking sites have increased in popularity over the past five years. Sites such as *Facebook* and *MySpace* are used by college students as a fun way to keep in touch with friends, meet new people, find music, and post photos. *Facebook*, which began as a networking site for college students only, is now open to the general public. *Facebook* currently has 19 million registered users and reports that there are currently 28,000 or more registered Virginia Tech users. While these sites are intended to facilitate interactions between people, students may not realize the dangers of posting too much information or posting inappropriate information. The Violence Against Women Grant team (including the Virginia Tech Women's Center and Office of Judicial Affairs) has worked over the past five years to educate students about cyber safety. It is important for college administrators to be educated about these sites as well. Technology is changing daily, and it is important to know what our students are doing on-line.

8. **Presentation on Recreational Sports.** Mr. Chris Wise, Associate Director of Recreational Sports, gave an overview of the Department of Recreational Sports. The presentation focused on the five primary programming areas of the department: Intramural Sports, Club Sports, Fitness, Aquatic/Instructional and Informal/Open recreation. He gave an overview of what is involved in these programs and shared high participation numbers of these programs from the 2005 -2006 academic year:
 - 1,157 teams were involved in intramural sports
 - 1,635 individual/dual sports entries were taken
 - 1,080 students participate and represent the university on club sport teams
 - 2,220 students purchased fitness passes for group exercise classes (a 20% growth over the past four years); over 100 classes per week are offered for those students
 - 39,388 open recreational swimmers were counted in the two pools
 - 895 participants were trained in health and safety classes
 - 16,316 students used McComas Hall during the year

- Total entrance numbers for McComas Hall were 343,269

Mr. Wise also discussed the benefits of participation in recreational/fitness activities and the values associated with recreational sports involvement.

9. **McComas Hall Addition.** Dr. Ferraro discussed the need for an expansion to McComas Hall. Plans for expansion are being developed and it is hoped that by 2011, the facility will have increased by 43,000 square feet at a cost of \$13,000,000 (design, construction, furnishings, and other costs). The project is challenging due to a narrow building site, multi-directional expansion, lack of vertical options, and needs of multiple constituents. However, expansion plans include significant improvements: a recreational facility with enhanced cardiovascular, weight training, basketball and cycling operations; a student health center designed to assist students much more efficiently; a counseling center that will obtain some badly needed room; and additional space for the alcohol abuse prevention center. The desire is for McComas to become a fitting headquarters for "Health and Wellness" at Virginia Tech in the interest of well-rounded students. Mr. Lutz asked if it is possible to have smaller workout facilities across campus, possibly located in in-fill facilities, so that workout facilities will be closer to the people using them. Dr. Steger felt Virginia Tech could look at these options as new buildings are being planned, such as parking garages. Mr. Wise indicated that 10,000 square feet per facility would be ideal for satellite facilities.
10. **Update on Services for Students with Disabilities.** Dr. Susan Angle, Director of Services for Students with Disabilities (SSD) office, provided an overview of the department's operations, which included a brief history of the office from its inception in 1979, when they provided services to two students and one faculty member, to today's operation, which serves over 600 students. Dr. Angle defined the types of students that frequent the SSD office, which includes prospective students, those with documented disabilities, referrals from faculty and staff, and students with temporary disabilities. A breakdown of the types of disabilities served was provided, as well as some statistics regarding the grade level when students were first diagnosed with a disability and what academic college these students are enrolled in at Virginia Tech.

Dr. Angle concluded her presentation by discussing some of the challenges that the SSD office is experiencing. One of their main concerns is the need for temporary accessible space for their office. Their present location in Henderson Hall will be lost this summer when the building closes for extensive renovations. They are also dealing with new challenges that come from serving more pervasive types of disorders, as well as the growing demands of an increasing student population with a very small staff to meet their needs.
11. **Student Affairs Update.** Dr. Hikes provided an update on several initiatives in the Division of Student Affairs. She reported on the progress of the Alcohol Abuse Prevention Task Force, which has completed the fact-finding phase of their work.

She discussed the Black Alumni Weekend that featured a tour of the newly updated Black Cultural Center. Dr. Hikes also provided the committee with details on the work of three special appointed sub-committees in the division: Southern Association of Colleges and Schools (SACS), Leadership, and Learning Communities. The progress of key searches in the division was also provided.

12. **Adjournment.** There being no further business, the meeting adjourned at 12:13 p.m.

Virginia Tech Academic Affairs And Student Affairs BOV Planning Retreat

Date/Time January 22, 2007: 11:00 AM – 2:00 PM

LOCATION: Virginia Tech, Northern Virginia Center, Falls Church, VA
Videoconference Link to Virginia Tech, Blacksburg, VA

ATTENDEES: Falls Church Attendees

Sandra Lowe, Academic Affairs Committee Chair
Michael Anzilotti, Student Affairs Committee Chair
Shelley Duke, Academic Affairs Committee
Lori Wagner, Student Affairs Committee
Jacob Lutz III, Rector

Sharon Martin, Facilitator

Blacksburg Attendees

Mark McNamee, Provost & Vice President for Academic Affairs
Zenobia Hikes, Vice President for Student Affairs
Karen DePauw, Dean of the Graduate School
David Ford, Vice Provost Academic Affairs
Brad Fenwick, Vice President for Research
Pat Hyer, Associate Provost for Academic Administration
Cynthia Bonner, Chief of Staff, Student Affairs
Ed Spencer, Associate Vice President, Student Affairs
Mildred Johnson, Associate Director, Admissions
Jeanne Brickey, Staff Senate President Representative to BOV
Kerry Redican, Faculty Senate President Representative to BOV
Ennis McCrery, Graduate Student Representative to BOV
Greg Sagstetter, Undergraduate Representative to BOV

The goal of the planning retreat was to review and discuss several key issues relating to diversity of the graduate and undergraduate student body. These issues are of joint importance and fall within the domain of the two committees.

MAJOR DISCUSSION TOPICS

Areas of attention and recent accomplishments for the two Board committees were reviewed as a way to provide context for the discussion on diversity. The Board has a particular role to play in developing and overseeing policy issues as it engages in discussions on this topic and all others.

In defining diversity, Ms. Lowe suggested a focus on cultural, racial/ethnic, gender, and economic diversity as most important to address at this time. Dr. McNamee responded and Mrs. Lowe agreed that the university community is committed to a broad approach to diversity, and looks to all elements that make Virginia Tech an educationally rich environment. Corporations are looking to hire students who are proficient and comfortable working in a diverse environment. The University environment should prepare students for this future as well as focus on the educational benefits of a diverse student population.

Student recruitment and retention issues were the focus of much of the discussion. Highlights from the conversation were:

- Recruitment initiatives are critical to diversifying the undergraduate student body. Admissions has a variety of strategies underway – Ron Brown Scholars, Fall Visitation program for underrepresented students, Gateway program in the spring to increase yield, staff visits to high schools throughout Virginia, special letters and calls, etc.
- Marketing pieces reflect a diverse student body, but some students feel photos overstate the extent of diversity on campus and they are disappointed when they arrive. University's recent branding initiative emphasizes our reputation as a science and engineering-based university. That makes us less attractive to potential students who want to pursue other majors. While this is not entirely a race issue, there is a relationship and it makes VT a less attractive and welcoming place for many in the minority community are not pursuing such majors. Residual effects of earlier Board decision are also still being felt in minority communities. Continuing to seek feedback from those we are recruiting about the effectiveness of materials and messages is critical.
- While Virginia Tech has a high freshman to sophomore retention rate, and strong six-year graduation rates, the retention and graduation rates for black students are less than that of white students. To understand why the University needs better information about the reasons that minority students leave Virginia Tech. Campus climate, academic support and achievement, and availability of financial aid are all factors. There are no recent studies of the reasons that students have left VT, although Admissions has followed up on students who have not accepted the offer of admission over the last three years. Graduate students are surveyed at several points in time: those who do not accept enrollment and at graduation. A mid-course survey has also been planned. Capturing information for non-returning undergraduate students could be very useful.
- There is a gap between diversity policy at the University and the climate experienced by the average minority student. Many students view diversity as an issue for minorities to deal with. Until diversity is communicated as a majority student issue as well as a minority student issue, that gap will persist. All students should be exposed to the benefits of diversity as part of their acclimation to campus life.
- It is important to diffuse diversity throughout the curriculum. Faculty development will be a key piece in making that happen.
- Faculty members communicate information about the Principles of Community based on their own awareness and knowledge; the message is not always

consistently communicated to students at large. Communication about the Principles of Community to both faculty and students remains an important challenge. In responding to a question about accountability for faculty members who do not appear to live the Principles, Dr. McNamee responded that the Principles of Community provide a good first step framework for addressing problematic or unacceptable conduct.

- Experience with the alternates of the Ron Brown Scholars Program has proven that there are academically qualified minority students who have not been targeted for recruitment. Some of these students have a real need for scholarships to fund the cost of a Virginia Tech education. In at least one case last year, an alternate Ron Brown Scholar attended another university because of the scholarship offer, yet that student continues to communicate a desire to be at Virginia Tech instead.
- Ms. Johnson pointed out that based on phone surveys conducted by Admissions the single most common reason that students decide to go elsewhere is the availability of scholarships. In addition to a shortage of large scholarship awards, VT also has issues with the decentralization and timing of scholarship awards by the colleges. All too often they are awarded *after* the student has already committed to attend, rather than as a tool to obtain that commitment from an attractive applicant.
- Need-based financial aid highlights the economic status of the student, which is a stigma for some, whereas scholarships highlight academic preparation and achievement. Where possible, It is recommended that Virginia Tech package aid as scholarship programs to make them more attractive to recipients.

SUMMARY OF SUGGESTIONS TO CONSIDER

- Conduct focus groups with first year and underrepresented students to identify successful recruiting practices and to review branding and marketing materials for their effectiveness with different target populations.
- Students and faculty should pledge involvement with the Principles of Community. The Principles of Community might be included in recruitment and application materials. There should be accountability for faculty for the Principles of Community.
- Offer programs and a curriculum to expose the general student population to the meaning and benefits of a diverse student body. To do so in an educational environment will positively emphasize why diversity matters.
- Provide quality advising and mentoring for undergraduates.
- Provide Principles of Community and ethics workshops: possibly include incentives for faculty and students to enhance participation.
- Redesign and institute a formal and comprehensive follow-up plan for minority students who have withdrawn from Virginia Tech as well as those who fail to register for the following semester in order to identify their reasons for resignation. Include follow-up phone calls to validate.
- Increase the number of scholarships available to qualifying students and provide them earlier in the admissions process.

Resolution to Revise Policy 1035 on Student-Athlete Conduct

Whereas, in an environment where the profile of intercollegiate athletics has risen considerably in the past decade and student-athlete and team success contribute to the university's overall image, a set of clear expectations and clearly understood athletic sanctions for misbehavior communicate to student-athletes, the university community, and the public the university's behavioral expectations; and

Whereas, in late 1996, then-President Torgersen asked the Athletic Director to lead a group representing a cross-section of the university to review existing athletic department policies relative to student-athlete off-field behavior and develop a series of recommendations that would minimize future occurrences, which resulted in a document titled the "Comprehensive Action Plan" dated February 14, 1997; and

Whereas, President Steger established Policy 1035 in January 2005 to formally direct the Athletic Director to maintain clear guidelines for student-athlete behavior; and

Whereas, as a result of subsequent incidents involving student-athletes, President Steger appointed a task force in the spring semester of 2006 with the charge of providing recommendations to improve the Comprehensive Action Plan; and

Whereas, President Steger subsequently asked the University Athletic Committee to revise Policy 1035 on Student-Athlete Conduct to incorporate the recommendations of the 2006 task force;

Now, therefore, be it resolved, that effective immediately the Board of Visitors of Virginia Tech approves the attached revised Policy 1035 on Student-Athlete Conduct, which has been revised to incorporate changes that include the following: 1) Incorporation of the sanctions from the Comprehensive Action Plan with minor modifications; 2) requirement for posting Policy 1035 on the university's web site with other university policies and inclusion of the policy in its entirety in the Student-Athlete Handbook; 3) amendment of the membership of the Appeals Review Committee; and 4) record-keeping requirements for sanctions; and

Be it further resolved that the revised Policy 1035 will supersede the Comprehensive Action Plan.

RECOMMENDATION:

That the above resolution to revise Policy 1035 on Student-Athlete Conduct be approved effective immediately, and that the revised policy supersede the Comprehensive Action Plan.

Virginia Polytechnic Institute and State University
Policy and Procedures

No. 1035 Rev.:0
Date: September 22, 2006

Subject: Student-Athlete Conduct

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1. Purpose

Student-athletes and team success contribute to the university's overall image. Sports competition serves as the social glue for the university community, alumni, and friends. Because of the high visibility accorded modern college athletics, any off-the-field problems of student-athletes are often magnified and reflect poorly on the university. A set of clear expectations and clearly understood athletic sanctions for misbehavior will communicate to student-athletes, the university community, and the public the university's behavioral expectations. Student-athletes, like all other students, are governed by University Policies on Student Life and the civil and criminal codes of the state and nation. Additionally, student-athletes are governed by policies in the *Virginia Tech Student-Athlete Handbook*.

Accordingly, infractions of policy or law are adjudicated as follows:

- The *Virginia Tech Student-Athlete Handbook* governs the student's privilege and permission to participate in any aspect of NCAA sports competition. Included in the handbook is the policy on student-athlete conduct.
- The University Judicial System and Honor Systems govern an individual's status as a student and the ability to participate in the academic programs of the university.
- The civil and criminal courts of the state and nation govern an individual's status as a citizen and the right to participate thereof.

2. Policy

The university has clear expectations for off-the-field student-athlete behavior. The university athletics director or designee will clearly communicate to prospective and current student-athletes Virginia Tech's institutional values and expected behaviors of a student-athlete. The athletics director will also communicate athletic sanctions in the event the student is charged with crimes or violation of university policy. This Policy on Student-Athlete Conduct deals with a student-athlete's entire participation in intercollegiate athletics. It does not address university status as a student.

3. Procedures

The Virginia Tech Athletics Department requires administrators, coaches, trainers, and staff to conduct themselves in a manner that creates a positive image of the people associated with the department. Similarly, student-athletes are expected to uphold the same standards of conduct and to be positive role models within the academic and athletic community. A clear statement of sanctions is a necessary component in addressing inappropriate behavior. Situations can be more clearly and objectively resolved when such a statement exists.

Expectations for communicating and encouraging appropriate behavior, department procedures governing student life, actions to encourage appropriate behavior, and sanctions for misbehavior will be covered in the Policy on Student-Athlete Conduct. This policy will be stated in full in the *Virginia Tech Student-Athlete Handbook*. Updates or modifications to the Policy on Student-Athlete Conduct will be reviewed and approved by the University Athletic committee and the President.

The Policy on Student-Athlete Conduct will be posted with other Virginia Tech policies on the Virginia Tech website.

4. Definitions (no definitions)

5. Sanctions for Inappropriate Conduct

Felony Charge - Any student-athlete arrested and charged with a felony, or with a crime involving gambling or game fixing under Virginia law or any other jurisdictional equivalent, shall be suspended automatically, by the Director of Athletics, from practice and playing privileges until the charges are dropped, dismissed or otherwise resolved. The student-athlete may appeal this decision pursuant to the Appeals Procedure found in this Policy on Student-Athlete Conduct.

Felony Conviction - Any student-athlete convicted of or pleading guilty or no contest to a felony charge or a game fixing charge under Virginia law or any other jurisdictional equivalent shall be permanently dismissed from the team by the Director of Athletics. If the athlete appeals the conviction, the dismissal will remain in effect throughout the appeals process and will not be reversed unless the appeal is successful and the conviction is overturned in a court of law. The athlete shall retain her/his grant-in-aid for the balance of the academic year. The Athletics Department shall recommend to the Virginia Tech Office of University Scholarships and Financial Aid that the grant-in-aid not be renewed for any succeeding academic years. The student-athlete may appeal this decision pursuant to the Appeals Procedure found in this Policy on Student-Athlete

Conduct. NOTE: student-athletes involved in gambling violations shall be subject to the sanctions contained in Section 10.4 of the NCAA Manual.

Misdemeanor Charge and/or Conviction - Any student-athlete who is arrested, charged and/or convicted of a misdemeanor charge (other than gambling or game fixing which are addressed above and other than minor traffic infractions) will be subject to a review process. The Athletics Director will review the charges and all of the surrounding circumstances. Sanctions for misdemeanor charges may be delegated as the Director of Athletics sees fit. Factors to be considered include but are not limited to:

- A. Nature of charge (violent or non-violent)
- B. Prior behavior
- C. Self disclosure of the violation
- D. Cooperation during the investigation
- E. Alcohol and/or drug use
- F. Consistency with regard to handling of other cases.

Athletics Department sanctions may include, but shall not be limited to:

- A. Warning
- B. Probation
- C. Restricted use of athletic services or facilities
- D. Suspension from play and/or practice for a stated period of time. Particular attention will be paid to those offenses that result (or are likely to result) in extended trials or continuing legal circumstances that will require the undistracted attention of the involved student-athlete. These offenses, once identified as such, may incur an automatic suspension from practice and/or playing privileges until the charges are dropped, dismissed or otherwise resolved to the satisfaction of the institution.
- E. Dismissal from the team (only available for a conviction or if the student-athlete pleads guilty or no contest to a misdemeanor). In the event of dismissal from the team, the student-athlete shall retain her/his grant-in-aid for the balance of the academic year. The Athletics Department shall recommend to the Virginia Tech Office of University Scholarships and Financial Aid that the grant-in-aid not be renewed for any succeeding academic years.

If an athlete appeals a misdemeanor conviction, the sanction imposed as a result of the conviction will remain in effect throughout the appeals process. The sanction will not be removed unless the appeal is successful and the conviction is overturned by a court of law.

A written record of a sanction should be given to the student-athlete and an original copy kept in a confidential file by the Athletics Director until two years after the student graduates or indefinitely if the student leaves the university without graduating.

This review process will be used by the Athletics Director when athletics department employees first learn of the charge and/or arrest. This review process will also be utilized again, in its entirety, if there is then a conviction resulting from the charge and/or arrest. The student-athlete may appeal any decision made pursuant to this review process by following the appeals procedure found in this Policy on Student-Athlete Conduct.

Virginia Tech Code of Student Conduct: At the discretion of the Athletics Director or designee, a student-athlete found responsible for violating the Virginia Tech Code of Student Conduct contained in the University Policies for Student Life will be disciplined in a manner consistent to the sanctions outlined for misdemeanor charges in this policy.

Athletics Department Student Host Recruiting Policies: At the discretion of the Athletics Director or designee, a student-athlete found responsible for violating the Student Host Recruiting Policies indicated in the *Virginia Tech Student-Athlete Handbook* will be disciplined in a manner consistent to the sanctions outlined for misdemeanor charges in this policy.

Un-sportsmanlike Conduct during an Athletic Contest: The Athletics Director will review student-athlete unsportsmanlike conduct that occurs during an athletics contest. It is the Athletic Director's responsibility to assign sanctions to the offender, if determined to be necessary.

Privacy: A student-athlete grants to the university the right to publicly disclose an athlete's suspension or dismissal from intercollegiate athletics. However, in recognition of a student-athlete's right to privacy, no other information concerning violation of the Policy on Student-Athlete Conduct may be released without authorization.

Appeals Procedure: Any student-athlete sanctioned under these procedures may appeal within five working days, in writing to the Athletics Director. In the event of an appeal, a review committee shall consider all factors, including any extenuating circumstances. The student-athlete may appear personally before the committee, with or without a representative of her/his own choosing from the members of the university community. The review committee shall be composed of:

- A. The President (or designee)
- B. The Vice President for Student Affairs (or designee)
- C. The NCAA faculty representative (who shall chair the committee).

Within five working days after hearing the appeal, the committee shall issue its decision which shall be final with no further right of review.

6. References

- Virginia Tech Student-Athlete Handbook, 2005-06 or current
- Report Of The Committee To Address Comprehensive Action Plan To Address Student-Athlete Behavior, February 1997
- Report Of The Task Force To Review The Comprehensive Action Plan, October 2004

7. Approval and Revisions

Approved January 21, 2005 by the University President, Charles W. Steger.
Approved February 2, 2007, by the University President, Charles W. Steger,
and for Approval March 26, 2007, by the Virginia Tech Board of Visitors.

RESEARCH AND DEVELOPMENT DISCLOSURE REPORT
October 2006 to March 2007

Reason for Conflict	External Entity	Owner	Principal Investigator	Co - P.I.'s	College	Period of Performance	Award Amount	Short Title
Faculty-owned Business	Transecurity, LLC	Thomas A. Dingus Andrew Petersen Michael A. Mollenhauer	PI	Co-PI Co-PI	VTTI- OVPR Center	7-1-06 thru 12-31-07	\$1,980,000	Product Commercialization-Licensed Technology from VTTI sponsored project (will work through VTIP)
Faculty-owned Business	Aeroprobe Corp	Demetri P. Telionis	Demetri Telionis	Pavlos Vlachos	Engr. Science & Mechanics	9-1-06 thru 8-15-07	\$12,897	"Development of Velocity Probe Calibration Methods"
Faculty-owned Business	Aeroprobe Corp	Demetri P. Telionis	Joseph Schetz	N/A	Aerospace & Ocean Engr.	N/A	\$15,484	Sale of Fast-Response Probe to VT for use by Schetz on research project (Specialized R&D Equipment)

NCAA Division I Athletics Certification Self-Study Update

Overview

The NCAA provided Virginia Tech with a Division I Athletics Certification Self-Study Instrument to guide the process of inquiry into the following areas: Governance and Commitment to Rules Compliance, Academic Integrity, and Equity and Student-Athlete Well-Being. Subcommittees have been created to address each of the three areas under the direction of a Steering Committee. The three subcommittees will research and produce reports on specific areas of focus and submit these reports to the Steering Committee for review.

Timeline

The process is on schedule and moving forward smoothly. All internal deadlines have so far been met. The overall deadline for the self-study report is May 1, 2007.

Subcommittee Report Highlights

- Governance & Commitment to Rules Compliance
 - This subcommittee submitted the first draft of their report on January 10, 2007.
 - Comments were received from the Steering Committee and were incorporated into the subcommittee's final report.
 - The final Governance and Commitment to Rules Compliance report was submitted February 28, 2007.
- Academic Integrity
 - The subcommittee submitted the first draft of their report on January 24, 2007.
 - Comments were received from the Steering Committee and were incorporated into the subcommittee's final report.
 - The final Academic Integrity was submitted March 14, 2007.
- Equity and Student-Athlete Well-Being
 - This subcommittee submitted the first draft of their report on February 14, 2007.
 - Comments were received from the Steering Committee and are in the process of being incorporated into the subcommittee's final report.
 - The final Equity and Student-Athlete Well-Being report is due March 28, 2007.

Additional Information

More information including full committee lists, goals for the process and relevant NCAA information is available at <http://www.ncaacert.vt.edu>.

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

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	131	125	113	120	122	111	120	116	131	127
WOMEN	93	96	97	113	122	117	146	151	155	170
TOTAL	224	221	210	233	244	228	266	267	286	297
ARCHITECTURE AND URBAN STUDIES*										
MEN	173	172	155	173	168	162	183	194	192	181
WOMEN	107	104	103	130	143	141	138	143	118	133
TOTAL	280	276	258	303	311	303	321	337	310	314
BUSINESS*										
MEN	206	183	172	147	131	163	173	146	142	147
WOMEN	105	111	127	120	99	121	108	102	103	113
TOTAL	311	294	299	267	230	284	281	248	245	260
ENGINEERING*										
MEN	874	846	868	972	1022	1063	1183	1148	1053	1090
WOMEN	167	168	173	197	218	240	264	273	234	247
TOTAL	1041	1014	1041	1169	1240	1303	1447	1421	1287	1337
INTERDISCIPLINARY										
MEN	0	0	0	75	6	16	38	83	111	152
WOMEN	0	0	0	44	3	11	15	34	67	86
TOTAL	0	0	0	119	9	27	53	117	178	238
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	266	278	280	267
WOMEN	0	0	0	0	0	0	540	520	530	530
TOTAL	0	0	0	0	0	0	806	798	810	797
NATURAL RESOURCES*										
MEN	98	93	87	87	82	69	74	84	88	92
WOMEN	43	37	33	39	39	36	35	37	37	59
TOTAL	141	130	120	126	121	105	109	121	125	151
SCIENCE**										
MEN	0	0	0	0	0	0	304	313	304	305
WOMEN	0	0	0	0	0	0	196	190	190	202
TOTAL	0	0	0	0	0	0	500	503	494	507
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	32	35	30	36	28	30	29	35	42	35
WOMEN	28	37	46	48	45	48	42	36	35	43
TOTAL	60	72	76	84	73	78	71	71	77	78
UNIVERSITY TOTALS										
MEN	2285	2181	2114	2391	2361	2358	2370	2396	2343	2396
WOMEN	1327	1307	1289	1503	1557	1563	1484	1487	1469	1583
TOTAL	3612	3488	3403	3894	3918	3921	3854	3883	3812	3979

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

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

VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	127	99	79	91	73	69	101	104	137	129
WOMEN	183	149	143	121	133	150	206	245	273	299
TOTAL	310	248	222	212	206	219	307	349	410	428
ARCHITECTURE AND URBAN STUDIES*										
MEN	141	133	148	147	132	169	140	150	155	176
WOMEN	65	64	63	80	79	144	127	125	154	132
TOTAL	206	197	211	227	211	313	267	275	309	308
BUSINESS*										
MEN	509	422	494	453	398	463	436	432	449	474
WOMEN	294	267	326	284	282	299	325	289	290	322
TOTAL	803	689	820	737	680	762	761	721	739	796
ENGINEERING*										
MEN	931	874	845	884	844	876	1027	1020	942	909
WOMEN	172	159	181	152	149	177	146	144	154	155
TOTAL	1103	1033	1026	1036	993	1053	1173	1164	1096	1064
INTERDISCIPLINARY										
MEN	220	212	217	277	286	329	336	354	375	416
WOMEN	169	121	154	180	170	153	153	214	202	233
TOTAL	389	333	371	457	456	482	489	568	577	649
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	279	347	336	328
WOMEN	0	0	0	0	0	0	503	516	490	567
TOTAL	0	0	0	0	0	0	782	863	826	895
NATURAL RESOURCES*										
MEN	85	86	71	64	61	69	73	60	76	83
WOMEN	63	36	46	27	46	25	30	29	29	39
TOTAL	148	122	117	91	107	94	103	89	105	122
SCIENCE**										
MEN	0	0	0	0	0	0	275	299	293	277
WOMEN	0	0	0	0	0	0	418	418	387	427
TOTAL	0	0	0	0	0	0	693	717	680	704
UNIVERSITY TOTALS										
MEN	2880	2610	2674	2741	2599	2815	2667	2766	2763	2792
WOMEN	2084	1797	1960	1892	1997	1981	1908	1980	1979	2174
TOTAL	4964	4407	4634	4633	4596	4796	4575	4746	4742	4966

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VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	144	139	124	91	99	94	138	143	145	170
WOMEN	164	182	169	138	134	126	269	215	276	295
TOTAL	308	321	293	229	233	220	407	358	421	465
ARCHITECTURE AND URBAN STUDIES*										
MEN	151	144	133	149	171	195	189	150	177	196
WOMEN	60	74	70	65	72	144	151	132	135	157
TOTAL	211	218	203	214	243	339	340	282	312	353
BUSINESS*										
MEN	445	595	533	591	617	554	574	503	525	520
WOMEN	305	322	304	342	346	346	309	350	322	327
TOTAL	750	917	837	933	963	900	883	853	847	847
ENGINEERING*										
MEN	770	900	789	781	828	798	1035	966	1043	995
WOMEN	158	150	159	157	159	135	181	148	161	144
TOTAL	928	1050	948	938	987	933	1216	1114	1204	1139
INTERDISCIPLINARY										
MEN	14	25	17	24	13	18	24	23	26	36
WOMEN	11	5	10	13	6	3	10	4	10	11
TOTAL	25	30	27	37	19	21	34	27	36	47
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	421	431	459	499
WOMEN	0	0	0	0	0	0	555	578	579	573
TOTAL	0	0	0	0	0	0	976	1009	1038	1072
NATURAL RESOURCES*										
MEN	102	100	100	85	69	69	88	83	92	96
WOMEN	46	65	29	50	30	47	30	29	30	29
TOTAL	148	165	129	135	99	116	118	112	122	125
SCIENCE**										
MEN	0	0	0	0	0	0	314	309	310	333
WOMEN	0	0	0	0	0	0	380	390	439	386
TOTAL	0	0	0	0	0	0	694	699	749	719
UNIVERSITY TOTALS										
MEN	2577	2921	2621	2653	2820	2629	2783	2608	2777	2845
WOMEN	1903	2010	1865	1876	1904	1947	1885	1846	1952	1922
TOTAL	4480	4931	4486	4529	4724	4576	4668	4454	4729	4767

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VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	216	192	183	171	133	128	164	183	180	203
WOMEN	201	210	251	227	197	191	323	373	334	381
TOTAL	417	402	434	398	330	319	487	556	514	584
ARCHITECTURE AND URBAN STUDIES*										
MEN	269	290	325	300	295	387	382	375	323	331
WOMEN	115	129	162	143	132	235	267	269	253	245
TOTAL	384	419	487	443	427	622	649	644	576	576
BUSINESS*										
MEN	520	583	785	795	814	887	827	792	739	730
WOMEN	341	399	422	422	486	547	520	452	488	475
TOTAL	861	982	1207	1217	1300	1434	1347	1244	1227	1205
ENGINEERING*										
MEN	1188	1232	1399	1299	1299	1302	1637	1719	1682	1760
WOMEN	235	267	269	266	291	272	312	337	333	331
TOTAL	1423	1499	1668	1565	1590	1574	1949	2056	2015	2091
INTERDISCIPLINARY										
MEN	1	0	0	3	1	0	0	0	1	1
WOMEN	0	0	0	2	0	0	0	0	1	0
TOTAL	1	0	0	5	1	0	0	0	2	1
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	266	540	555	557
WOMEN	0	0	0	0	0	0	540	662	706	684
TOTAL	0	0	0	0	0	0	806	1202	1261	1241
NATURAL RESOURCES*										
MEN	137	136	129	123	118	98	108	112	116	107
WOMEN	71	62	77	54	61	46	73	50	42	48
TOTAL	208	198	206	177	179	144	181	162	158	155
SCIENCE**										
MEN	0	0	0	0	0	0	369	401	425	460
WOMEN	0	0	0	0	0	0	484	520	522	560
TOTAL	0	0	0	0	0	0	853	921	947	1020
UNIVERSITY TOTALS										
MEN	3332	3587	4077	3868	3850	4035	3753	4122	4021	4149
WOMEN	2232	2402	2600	2444	2588	2603	2519	2663	2679	2724
TOTAL	5564	5989	6677	6312	6438	6638	6272	6785	6700	6873

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VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES ***

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	576	519	463	404	358	345	473	500	554	575
WOMEN	714	689	699	612	591	570	969	999	1105	1179
TOTAL	1290	1208	1162	1016	949	915	1442	1499	1659	1754
ARCHITECTURE AND URBAN STUDIES*										
MEN	667	676	721	694	696	848	791	773	750	788
WOMEN	282	314	367	343	331	607	630	624	615	593
TOTAL	949	990	1088	1037	1027	1455	1421	1397	1365	1381
BUSINESS*										
MEN	1852	2014	2148	2147	2181	2241	2177	2083	2075	2069
WOMEN	1171	1271	1288	1292	1352	1455	1386	1320	1385	1408
TOTAL	3023	3285	3436	3439	3533	3696	3563	3403	3460	3477
ENGINEERING*										
MEN	3861	3951	3950	3713	3718	3653	4581	4494	4392	4425
WOMEN	740	750	769	729	765	712	776	754	762	754
TOTAL	4601	4701	4719	4442	4483	4365	5357	5248	5154	5179
INTERDISCIPLINARY										
MEN	666	654	719	788	967	939	1001	1069	1148	1087
WOMEN	530	494	565	600	604	546	580	656	682	713
TOTAL	1196	1148	1284	1388	1571	1485	1581	1725	1830	1800
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	1388	1476	1492	1547
WOMEN	0	0	0	0	0	0	2129	2077	2079	2171
TOTAL	0	0	0	0	0	0	3517	3553	3571	3718
NATURAL RESOURCES*										
MEN	393	377	346	319	295	284	309	300	329	325
WOMEN	213	203	174	169	157	141	159	122	126	136
TOTAL	606	580	520	488	452	425	468	422	455	461
SCIENCE**										
MEN	0	0	0	0	0	0	1163	1202	1209	1271
WOMEN	0	0	0	0	0	0	1641	1619	1660	1688
TOTAL	0	0	0	0	0	0	2804	2821	2869	2959
UNIVERSITY TOTALS										
MEN	11454	11808	11979	11642	11859	11799	11883	11897	11949	12087
WOMEN	8021	8173	8311	8144	8309	8229	8270	8171	8414	8642
TOTAL	19475	19981	20290	19786	20168	20028	20153	20068	20363	20729

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***Includes Special Student Undergraduate Enrollment

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

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
FIRST YEAR										
MEN	49	57	39	57	55	46	54	43	36	48
WOMEN	8	6	3	4	8	9	11	7	9	5
TOTAL	57	63	42	61	63	55	65	50	45	53
SECOND YEAR										
MEN	66	51	52	37	53	48	48	53	41	37
WOMEN	4	4	6	3	6	11	8	9	9	12
TOTAL	70	55	58	40	59	59	56	62	50	49
UNIVERSITY TOTALS										
MEN	115	108	91	94	108	94	102	96	77	85
WOMEN	12	10	9	7	14	20	19	16	18	17
TOTAL	127	118	100	101	122	114	121	112	95	102

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

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	131	125	113	120	122	111	120	116	131	127
WOMEN	93	96	97	113	122	117	146	151	155	170
TOTAL	224	221	210	233	244	228	266	267	286	297
ARCHITECTURE AND URBAN STUDIES*										
MEN	173	172	155	173	168	162	183	194	192	181
WOMEN	107	104	103	130	143	141	138	143	118	133
TOTAL	280	276	258	303	311	303	321	337	310	314
BUSINESS*										
MEN	206	183	172	147	131	163	173	146	142	147
WOMEN	105	111	127	120	99	121	108	102	103	113
TOTAL	311	294	299	267	230	284	281	248	245	260
ENGINEERING*										
MEN	874	846	868	972	1022	1063	1183	1148	1053	1090
WOMEN	167	168	173	197	218	240	264	273	234	247
TOTAL	1041	1014	1041	1169	1240	1303	1447	1421	1287	1337
INTERDISCIPLINARY										
MEN	0	0	0	75	6	16	38	83	111	152
WOMEN	0	0	0	44	3	11	15	34	67	86
TOTAL	0	0	0	119	9	27	53	117	178	238
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	266	278	280	267
WOMEN	0	0	0	0	0	0	540	520	530	530
TOTAL	0	0	0	0	0	0	806	798	810	797
NATURAL RESOURCES*										
MEN	98	93	87	87	82	69	74	84	88	92
WOMEN	43	37	33	39	39	36	35	37	37	59
TOTAL	141	130	120	126	121	105	109	121	125	151
SCIENCE**										
MEN	0	0	0	0	0	0	304	313	304	305
WOMEN	0	0	0	0	0	0	196	190	190	202
TOTAL	0	0	0	0	0	0	500	503	494	507
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	32	35	30	36	28	30	29	35	42	35
WOMEN	28	37	46	48	45	48	42	36	35	43
TOTAL	60	72	76	84	73	78	71	71	77	78
UNIVERSITY TOTALS										
MEN	2285	2181	2114	2391	2361	2358	2370	2396	2343	2396
WOMEN	1327	1307	1289	1503	1557	1563	1484	1487	1469	1583
TOTAL	3612	3488	3403	3894	3918	3921	3854	3883	3812	3979

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

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
VETERINARY MEDICINE - FIRST YEAR										
MEN	22	20	21	22	12	28	17	15	14	17
WOMEN	68	67	69	70	77	62	73	74	77	73
TOTAL	90	87	90	92	89	90	90	89	91	90
VETERINARY MEDICINE - SECOND YEAR										
MEN	28	22	20	19	20	12	26	17	15	14
WOMEN	60	68	65	69	71	76	63	73	72	75
TOTAL	88	90	85	88	91	88	89	90	87	89
VETERINARY MEDICINE - THIRD YEAR										
MEN	24	28	21	20	21	20	12	24	16	15
WOMEN	57	59	67	65	68	71	75	64	73	73
TOTAL	81	87	88	85	89	91	87	88	89	88
VETERINARY MEDICINE - FOURTH YEAR										
MEN	19	24	28	22	21	19	20	12	24	16
WOMEN	62	56	60	65	64	68	72	76	61	73
TOTAL	81	80	88	87	85	87	92	88	85	89
UNIVERSITY TOTALS										
MEN	93	94	90	83	74	79	75	68	69	62
WOMEN	247	250	261	269	280	277	283	287	283	294
TOTAL	340	344	351	352	354	356	358	355	352	356

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

COLLEGE	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AGRICULTURE AND LIFE SCIENCES*										
MEN	822	752	667	618	588	550	695	712	762	787
WOMEN	819	795	805	732	727	707	1134	1166	1278	1366
TOTAL	1641	1547	1472	1350	1315	1257	1829	1878	2040	2153
ARCHITECTURE AND URBAN STUDIES*										
MEN	840	848	876	867	864	1010	974	967	942	969
WOMEN	389	418	470	473	474	748	768	767	733	726
TOTAL	1229	1266	1346	1340	1338	1758	1742	1734	1675	1695
BUSINESS*										
MEN	2058	2197	2320	2294	2312	2404	2350	2229	2217	2216
WOMEN	1276	1382	1415	1412	1451	1576	1494	1422	1488	1521
TOTAL	3334	3579	3735	3706	3763	3980	3844	3651	3705	3737
ENGINEERING*										
MEN	4735	4797	4818	4685	4740	4716	5764	5642	5445	5515
WOMEN	907	918	942	926	983	952	1040	1027	996	1001
TOTAL	5642	5715	5760	5611	5723	5668	6804	6669	6441	6516
INTERDISCIPLINARY										
MEN	666	654	719	863	973	955	1039	1152	1259	1239
WOMEN	530	494	565	644	607	557	595	690	749	799
TOTAL	1196	1148	1284	1507	1580	1512	1634	1842	2008	2038
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	1654	1754	1772	1814
WOMEN	0	0	0	0	0	0	2669	2597	2609	2701
TOTAL	0	0	0	0	0	0	4323	4351	4381	4515
NATURAL RESOURCES*										
MEN	491	470	433	406	377	353	383	384	417	417
WOMEN	256	240	207	208	196	177	194	159	163	195
TOTAL	747	710	640	614	573	530	577	543	580	612
SCIENCE**										
MEN	0	0	0	0	0	0	1467	1515	1513	1576
WOMEN	0	0	0	0	0	0	1837	1809	1850	1890
TOTAL	0	0	0	0	0	0	3304	3324	3363	3466
VETERINARY MEDICINE										
MEN	125	129	120	119	102	109	104	103	111	97
WOMEN	275	287	307	317	325	325	325	323	318	337
TOTAL	400	416	427	436	427	434	429	426	429	434
UNIVERSITY TOTALS										
MEN	13947	14191	14274	14210	14402	14330	14430	14457	14438	14630
WOMEN	9607	9740	9870	9923	10160	10089	10056	9961	10184	10536
TOTAL	23554	23931	24144	24133	24562	24419	24486	24418	24622	25166

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

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

***Total Includes Special Student Undergraduate Enrollment

RESOLUTION FOR EMERITUS STATUS
March 26, 2007

WHEREAS, Dr. Peter Eyre faithfully served Virginia Tech with distinction for 21 years in the Virginia-Maryland Regional College of Veterinary Medicine beginning in 1985; and

WHEREAS, as Dean of the College from 1985 to 2003 he advanced the College and the University in the triple missions of education, biomedical research, and outreach; and

WHEREAS, through his leadership he developed the College to a nationally recognized model of partnership, cooperation, innovation, and efficiency; and

WHEREAS, he has received numerous honors and awards for his accomplishments, including the Norden Award for Distinguished Teaching in Veterinary Medicine, the Sigma Psi Award for Distinguished Research, and the Virginia House and Senate Joint Resolution for Distinguished Service to the Commonwealth; and

WHEREAS, he made significant contributions in pharmacology research, authoring over 180 refereed scientific research articles, 16 reviews and monographs, 13 book chapters, 85 conference papers/abstracts, and 45 invited seminars; and

WHEREAS, he has mentored 4 postdoctoral fellows, 13 Ph.D. and 19 M.S. students, and served as a member on more than 50 other graduate student advisory committees; and

WHEREAS, he continued to conduct research, to teach, and to mentor graduate students during his deanship; and

WHEREAS, he has continued teach and to undertake special initiatives for the college and for the university in the years since his deanship;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Peter Eyre for his service to the university with the title of Professor and Dean Emeritus of Veterinary Medicine.

RECOMMENDATION:

That the above resolution recommending Dr. Peter Eyre for emeritus status be approved.

RESOLUTION FOR EMERITA STATUS

March 26, 2007

WHEREAS, Anita I. Haney faithfully served Virginia Tech with distinction for 35 years in the University Libraries beginning in 1969; and

WHEREAS, as a College Librarian for the Humanities she has worked closely with faculty in English, History, French, German, and Spanish Language and Literatures; in Music; in Philosophy; in Religion; and in Theatre Arts, to build and maintain strong library collections to support the faculty teaching and research needs; and

WHEREAS, through her language skills, and knowledge of music, literature, and related disciplines, intellectual curiosity, personal approachability, and dedication to library service she has helped innumerable faculty track down fugitive citations or documents, answer difficult questions, or acquire badly needed specialized materials; and

WHEREAS, in her capacity as Humanities Librarian she has guided numerous undergraduate and graduate students, on a one-to-one basis, through the complex process of finding and obtaining advanced research materials; and

WHEREAS, in the many general information skills sessions she has led, she has given hundreds of students a way to learn how to remain information literate throughout their lives; and

WHEREAS, through the decades, with her tenacious approach to information retrieval, she has successfully promoted the library as a valued information resource; and

WHEREAS, throughout her tenure she has advocated that one of the most important missions of the library is service to its clientele;

THEREFORE, be it resolved that the Board of Visitors recognizes Anita I. Haney for her service to the university with the title of Assistant Professor Emerita of the University Libraries.

RECOMMENDATION:

That the above resolution recommending Ms. Anita I. Haney for emerita status be approved.

RESOLUTION FOR EMERITUS STATUS

March 26, 2007

WHEREAS, Dr. Louis A. Helfrich faithfully served Virginia Tech with distinction for 30 years in the College of Natural Resources, beginning in 1976; and

WHEREAS, as a member of the faculty of the Department of Fisheries and Wildlife Sciences, he was dedicated to providing leadership and technical advise to enhance the economic feasibility, profitability, and competitiveness of the Virginia aquaculture industry; and

WHEREAS, he was a dedicated teacher of a wide range of courses from the freshman to the advanced graduate level; and

WHEREAS, he served as Interim Department Head of Fisheries and Wildlife Sciences, was major professor for 13 M.S. students and advisor to 23 undergraduate students; and

WHEREAS, he was awarded the Carnegie Mellon Film Institute Video Selection Award in 2000; Outdoor Writers Association of America Broadcast Video Award in 1999; 1983 Fellow, American Institute of Fisheries Research Biologists; and received three Education Publication Merit awards; American Fisheries Society Best Research Paper and Presentation; and US Fish and Wildlife Service Certificate of Recognition; and

WHEREAS, he served on numerous university, state, national, and international societies and committees, including consultant and technical advisor with U.S. AID/AED for the Government of Sri Lanka; and

WHEREAS, he made significant contributions in research in natural resources, authoring 54 refereed journal articles (4 research paper awards), 16 reports on research, 2 books, 3 book reviews, 45 extension publications (5 communication awards), 18 popular articles, 28 abstracts and others, 5 educational videos, and 8 educational posters;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Louis A. Helfrich for his services to the university with the title of Professor Emeritus of Fisheries and Wildlife Sciences.

RECOMMENDATION:

That the above resolution recommending Dr. Louis A. Helfrich for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
March 26, 2007**

WHEREAS, Dr. John L. Hess has faithfully served Virginia Tech with distinction for 39 years in the College of Agricultural and Life Sciences, beginning in 1967; and

WHEREAS, as Head of the Department of Biochemistry from 1998-2005, he successfully guided the department through a period of great fiscal turmoil and organizational stress; and

WHEREAS, as Head of the Department of Biochemistry he recruited many outstanding faculty and fostered the development of a new departmental research emphasis in molecular entomology and vector-borne disease; and

WHEREAS, he ably served the College of Agriculture and Life Sciences, its faculty, and students as Interim Associate Dean and Director of Academic Programs; and

WHEREAS, he contributed significantly to our knowledge of oxidative stress and oxygen metabolism in plants and animals through a lifetime of scholarly research that led to the publication of numerous research papers, reviews, and book chapters; and

WHEREAS, he guided seven students to the successful completion of a Ph.D. in Biochemistry and eight graduate students to the completion of the M.S. degree in Biochemistry; and

WHEREAS, as a dedicated teacher, he introduced many thousands of students to the principles and techniques of biochemistry as an instructor in several courses, most notably "Concepts in Biochemistry" (BCHM 2024); and

WHEREAS, he has provided many years of dedicated service to the scientific community and students of the commonwealth as an officer of the Virginia Academy of Science and Director of the Virginia Junior Academy of Science;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. John L. Hess for his service to the university with the title of Professor Emeritus of Biochemistry.

RECOMMENDATION:

That the above resolution recommending Dr. John L. Hess for emeritus status be approved.

**RESOLUTION FOR POSTHUMOUS EMERITUS STATUS
March 26, 2007**

WHEREAS, Dr. Ernest C. Houck faithfully served Virginia Tech for nearly 35 years in the Pamplin College of Business, beginning in 1972 until his death in 2006; and

WHEREAS, as a member of the faculty in the Department of Business Information Technology, he was a dedicated teacher of a wide range of courses at the undergraduate and graduate levels, being the College of Business's first recipient of the University W.E. Wine Award, a recipient of the College's MBA Teaching Excellence Award on two occasions, and elected to the University Academy of Teaching Excellence; and as Director of the Pamplin College MBA Program he was closely involved with the formation and teaching of the college's graduate curriculum; and

WHEREAS, he advised and counseled numerous graduate students during his long career as the Director of Graduate Programs in the Department of Business Information Technology for over twenty years; and

WHEREAS, Dr. Houck made significant contributions in research in the fields of statistics and management science as recognized by his selection as a Fellow of the Decision Sciences Institute; and by his appointment to the R.B. Pamplin Professorship of Management Science; and

WHEREAS, he dutifully served on over seventy departmental, college and university committees; as well as twenty doctoral committees during his career; and

WHEREAS, he served in a number of offices and on numerous professional committees for the Decision Sciences Institute including National Meeting Program Chair, Vice-President, and chair of seven national committees;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Ernest C. Houck posthumously for his service to the university with the title of R. B. Pamplin Professor Emeritus of Management Science.

RECOMMENDATION:

That the above resolution recommending Dr. Ernest C. Houck for posthumous emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
March 26, 2007**

WHEREAS, Mr. Thomas R. McAnge, Jr. faithfully served Virginia Tech and the Virginia Cooperative Extension with distinction for 30 years in the College of Agriculture and Life Sciences beginning in 1976; and

WHEREAS, he served as an Assistant Director of Virginia Cooperative Extension from 1990-1995 and supervised the entire computing operation; and

WHEREAS, Mr. McAnge provided state-of-the-art expertise in information technology and computing to Virginia Cooperative Extension; and

WHEREAS, he effectively led Extension Information Systems for many years and led the first implementation of computing statewide for Virginia Cooperative Extension; and

WHEREAS, Mr. McAnge is nationally known for his expertise in IT related to Extension activities and served on an extensive list of local, regional, and national committees related to Extension and computing; and

WHEREAS, he led the development of a web-based Planning and Reporting system for Virginia Cooperative Extension; and

WHEREAS, Mr. McAnge served as Virginia Tech's representative to the national electronic Journal of Extension for many years;

THEREFORE, be it resolved that the Board of Visitors recognizes Mr. Thomas R. McAnge, Jr. for his service to the university with the title of Assistant Professor Emeritus of Extension.

RECOMMENDATION:

That the above resolution recommending Mr. Thomas McAnge, Jr. for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
March 26, 2007**

WHEREAS, Dr. Thomas C. Ward faithfully served Virginia Tech with distinction for 38 years in the College of Arts and Sciences and the College of Science, beginning in 1968; and

WHEREAS, as a member of the faculty in the Department of Chemistry as the Adhesive and Sealant Council Endowed Professor of Chemistry, he was a dedicated teacher of a wide range of courses from sophomore to advanced graduate level; and

WHEREAS, he advised and counseled numerous undergraduate and graduate students during his career in the Chemistry Department, serving as the graduate advisor for 17 masters and 39 doctoral students; and

WHEREAS, he made contributions to the understanding of complex multiple phase systems and their strength of attachment to one another; and

WHEREAS, he authored 159 publications, 4 books, and 1 patent; and

WHEREAS, he served in a number of international professional technical societies; and

WHEREAS, he was named the first Adhesive and Sealant Council Endowed Professor, and has been a member of the Academy of Teaching Excellence at Virginia Tech since 1975; and

WHEREAS, he was the recipient of the William E. Wine Award for teaching excellence, the co-recipient of the Paul J. Flory Polymer Education Award, and a Thomas C. Patrick Fellow of the Adhesion Society;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Thomas C. Ward for his service to the university with the title of Adhesive and Sealant Council Endowed Professor Emeritus of Chemistry.

RECOMMENDATION:

That the above resolution recommending Dr. Thomas C. Ward for emeritus status be approved.

FACULTY LEAVES, 2007-2008

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 members are requesting Study-Research Leave for the purpose and period of time specified:

Michael H. Gregg, Associate Professor, Department of Engineering Education, for AY 2007-2008, to continue international collaborative activities between EE and the University of Southern Queensland in Toowoomba, Queensland, Australia in the area of engineering education.

Michael Hsiao, Professor, Department of Electrical and Computer Engineering, for AY 2007-2008, to further study in the area of test and verification research for complex digital systems, which is expected to lead to further publications in the field.

John G. Jelesko, Assistant Professor, Department of Plant Pathology, Physiology, and Weed Science, to conduct research in molecular evolution theory and methods related to a pending NSF CAREER proposal. This study will take place in Dr. Wen-Hsiung Li's laboratory in the Department of Ecology and Evolution at the University of Chicago.

Ann La Berge, Associate Professor, Department of Science and Technology in Society, for Spring Semester 2008, to complete the research and prepare the final draft of a book on being fat in America.

William H. Mason, Professor, Department of Aerospace and Ocean Engineering, for AY 2007-2008, to write a book with several US Air Force Academy aerodynamics teachers in the area of Applied Computational Aerodynamics, based on material previously developed for a course at Virginia Tech.

John P. Morgan, Professor, Department of Statistics, for AY 2007-2008, to conduct research related to an NSF grant on experimental design, and to complete a manuscript for a textbook on the same topic.

Julie L. Ozanne, Professor, Department of Marketing, for AY 2007-2008, to write a book on the low literate consumer, and to expand and develop current research on participatory action approaches to social change.

Krishnan Ramu, Professor, Department of Electrical and Computer Engineering, for December 25, 2007-December 24, 2008, to strengthen industrial connections and to complete a book titled Permanent Magnet Synchronous and Brushless DC Motor Drives, which has been accepted for publication by CRC Press.

Joseph Rees, Associate Professor, Center for Public Administration and Policy, for AY 2007-2008, to work on a sequel to his book Hostages of Each Other: The Transformation of Nuclear Safety Since Three Mile Island.

Michael Saffle, Professor, Department of Interdisciplinary Studies, for AY 2007-2008, to conduct research for a book on the music and cultural significance of Franz Liszt as composer and cultural figure.

Tonya L. Smith-Jackson, Associate Professor, Department of Industrial and Systems Engineering, for AY 2007-2008, to conduct research involving blood glucose monitors. The proposed year-long research plan is contingent on receipt of a fellowship from the National Research Council or the Federal Drug Administration. If these supplemental funds are not available, the faculty member requests a full pay, one semester research assignment to pursue related research and publication projects.

Robert P. Stephens, Assistant Professor, Department of History, for AY 2007-2008, to work on a new book project and an interdisciplinary research project involving three colleges at Virginia Tech on modeling uncertainty in the global drug trade over the last century.

Gerard Toal, Professor, Program on Government and International Affairs, for AY 2007-2008, to analyze data and conduct field research having to do with the dynamics of war outcomes by comparing Bosnia and the North Caucasus. Research will be based in India in collaboration with Dr. Sanjay Chaturvedi, Chair of Political Science and Director of the Centre for the Study of Geopolitics at Punjab University, Chandigarh, India.

Mike Vorster, Professor, Department of Civil and Environmental Engineering, for December 25, 2007-December 24, 2008, to write a textbook in the field of construction equipment management.

Dennis T. Yang, Professor, Department of Economics, for AY 2007-2008, to conduct economic research on China's labor markets in transition, and population dynamics and economic growth with applications to China. This research will be conducted in Beijing and Hong Kong.

The following faculty members are requesting Research Assignments for Fall 2007:

Linda Arnold, Professor, Department of History, to complete a book manuscript on military justice in early national Mexico. This book will explore the intersection of law, the military, and politics in early national Mexico. The research will take place in Mexico.

Mark V. Barrow, Jr., Associate Professor, Department of History, to complete a book titled The Spector of Extinction: American Naturalists and Endangered Species, which examines American naturalists and their engagement of wildlife extinction from the eighteenth century to the Endangered Species Act of 1973.

Rosemary Blieszner, Professor, Department of Human Development, to hold a visiting professor appointment at Luther Seminary in St. Paul, Minnesota. Research will be conducted in collaboration with Dr. Janet L. Ramsey in the areas of religion, health, and aging-related topics.

Gary Downey, Professor, Department of Science and Technology in Society, to complete a book manuscript and journal article on The Engineer as Problem Solver, and to work on a research article making the case that the persistent under-representation of women and minorities in engineering is one effect of the dominant model of problem solving in engineering.

Elizabeth C. Fine, Professor, Department of Interdisciplinary Studies, to conduct research in the fields of public humanities and cultural studies in order to draft proposals for two courses related to a new Master's Degree in Public Humanities. This research is also expected to facilitate work in the new Ph.D. in Social, Political, Ethical, and Cultural Thought.

Nikki Giovanni, University Distinguished Professor, Department of English, to study with and create a play with music with the Fisk Jubilee Singers at Fisk University, a historically black college. This collaboration aims to build a bridge to the 21st century between Fisk and Virginia Tech and promote collaboration with other departments such as music and theatre, to build an art extravaganza.

John Hole, Associate Professor, Department of Geosciences, to conduct research on a Batholiths project, which will involve several weeks of seismic data acquisition in the Coast Mountains and near-shore waters of British Columbia, western Canada. This project has been funded by the National Science Foundation, and the Natural Sciences and Engineering Research Council of Canada.

Doris H. Kincade, Associate Professor, Department of Apparel, Housing, and Resource Management, to work on two projects: enrichment of apparel options capstone course and continuation of contributions to improve economic vitality of U.S. apparel manufacturing.

Ann-Marie Knoblauch, Associate Professor, Department of Art and Art History, to conduct research on classical archaeology as a Senior Research Fellow at Bryn Mawr College and at other specialized library collections.

Alan A. Kornhauser, Associate Professor, Department of Mechanical Engineering, to write a textbook on undergraduate thermodynamics, which will stress practical applications and will include Matlab™ functions for calculating thermodynamic properties of materials.

Yilu Liu, Professor, Department of Electrical and Computer Engineering, to write a book on power transformer modeling and diagnosis.

John T. Novak, Professor, Department of Civil and Environmental Engineering, to collaborate with Dr. Tim LaPara at the University of Minnesota on the development of molecular tools for the analysis of the microbial community in anaerobic digesters.

Manuel A. Pérez-Quñones, Associate Professor, Department of Computer Science, to collaborate with Dr. Marc Abrams of a Corporate Research Center Company, Harmonia, on project management techniques and to gain experience using industrial strength software development tools.

Ernest W. Sullivan, II, Professor, Department of English, to collaborate with Professor Tom Hester of North Carolina State University and Professor Dennis Flynn of Bentley College on publishing an edition of the prose letters of John Donne. Work on the edition will be supported by a grant from the National Endowment for the Humanities; the book will be published by Oxford University Press. Travel to the Folger Shakespeare Library, Harvard, the University of Texas, the Henry E. Huntington Library, and the Bentley College Library is planned.

John P. Shewchuk, Associate Professor, Department of Industrial and Systems Engineering, to conduct research in the area of lean manufacturing, with an emphasis of shop floor operations. Dr. Shewchuk expects to produce two journal submissions and one external funding proposal from this work.

Janell Watson, Associate Professor, Department of Foreign Languages and Literatures, to complete a book manuscript on the French psychoanalyst and writer, Félix Guattari.

The following faculty members are requesting Research Assignments for Spring 2008:

Ricardo A. Burdisso, Professor, Department of Mechanical Engineering, to write a textbook on the theoretical and practical aspects of microphone phased array measurements for aerodynamic noise sources, which will be used to educate professionals in this technology.

John A. Burns, Professor, Department of Mathematics, to conduct research in computational methods for identification and control of biological systems with Professors H. T. Banks and Marie Davidian in the Center for Quantitative Sciences in Biomedicine at North Carolina State University.

Robert E. Denton, Jr., Professor, Department of Communication, to complete a book project tentatively titled The End of the Social Contract: The Age of Psychological Egoism, which explores moral and social issues such as same sex marriage, abortion, prayer in schools, stem cell research, human cloning and immigration.

William J. Devenport, Professor, Department of Aerospace and Ocean Engineering, to develop new expertise in the areas of experimental aerodynamics and aeroacoustics in collaboration with colleagues at Florida Atlantic University and in developing new contacts at other institutions and particularly in industry. Time will also be spent writing journal articles in key areas including roughness noise, leading edge noise, and propulsor blade tip response.

Edward Dorsa, Associate Professor, School of Architecture + Design, to develop a book proposal and manuscript draft for a college level reference book and desk reference for practicing industrial designers tentatively titled An Encyclopedia of Materials and Processes: A Designer's Desk Reference.

Stephen H. Edwards, Associate Professor, Department of Computer Science, to conduct research on Web-CAT, an award-winning tool for electronically assessing student work in computer science courses, and to increase the national and international visibility of Web-CAT.

The primary goal is to explore the question of how these techniques can be transferred to support instructors across other disciplines, rather than just in computer science.

Antonio A. Fernandez, Associate Professor, Department of Foreign Languages and Literatures, to conduct an in-depth study of Uruguayan poet and architect Armando Barbieri Castagna, and to publish his poems.

Bruce H. Friedman, Associate Professor, Department of Psychology, to develop a collaborative research project on the topic of autonomic nervous system activity in children with irritable bowel syndrome; to prepare and submit a manuscript that establishes the theoretical and empirical basis for this work; and to utilize pilot data from the project and the manuscript toward submitting a grant application.

William Galloway, Associate Professor, School of Architecture + Design, to develop a book proposal and initial draft for Ruskin's Road, an investigation of the legacy of John Ruskin, 19th century critic and theoretician of art and architecture, and his influence on the development of specific aspects of 20th century modern architecture. A trip to Oxford, England is planned.

Harry W. Gibson, Professor, Department of Chemistry, to interact with leaders in the field of supramolecular chemistry at two or three international centers of excellence, and to prepare several review articles for prestigious journals.

Robert P. Gilles, Professor, Department of Economics, to set up and develop a new research program on a network approach to the description of market institutions in a capitalist economy, and to apply the results of this research to grant proposals for funding. Travel to Temple University and the Center for Economic Research at Tilburg University in the Netherlands is anticipated.

Rosemary Carucci Goss, Professor, Department of Apparel, Housing, and Resource Management, to conduct research, work on scholarly presentations and writings, and develop curriculum in the area of multifamily housing management.

Médoune Guèye, Associate Professor, Department of Foreign Languages and Literatures, to conduct research on female writers and the literary field in Senegal, to complete a second manuscript on Aminata Sow Fall's fiction; and to work with Mansour Wade, a Senegalese director, to produce a video documentary on female writers in Senegal. Work will be conducted at the Institut Fondamental d'Afrique Noire in Dakar, at University Cheikh Anta Diop in Dakar, and at the University Gaston Berger in Saint Louis.

David Hicks, Associate Professor, School of Education, to conduct research and writings in three areas of inquiry under development or currently ongoing. In addition, Dr. Hicks will work on further development of teaching history and the use of digital technologies.

Mark Jones, Associate Professor, Department of Electrical and Computer Engineering, to further understanding of advanced electronics and IC packaging, and conduct research into radically changing the way data and power are distributed in e-textiles. Some time at Intel is anticipated.

G. V. Loganathan, Professor, Department of Civil and Environmental Engineering, to conduct experimental and theoretical research into the possible intrusion of contaminants as negative pressure waves resulting in suction through copper plumbing systems.

Nancy Gard McGehee, Assistant Professor, Department of Hospitality and Tourism Management, to further research on tourism-related entrepreneurship in Mexico. In addition to pursuing Spanish language classes and conducting an extensive literature review on entrepreneurship, Dr. McGehee will attend an internationally renowned conference on university level tourism and hospitality education.

Moses E. Panford, Jr., Associate Professor, Department of Foreign Languages and Literatures, to complete a three-volume work on Blacks in the theater of early modern Spain.

Douglas Patterson, Professor, Department of Finance, Insurance and Business Law, to collaborate and consult with two distinguished time series statisticians at the University of California, Santa Barbara and University of California, San Diego.

Joseph C. Pitt, Professor, Department of Philosophy, to complete a book manuscript on the telescope.

Laura Poppo, Associate Professor, Department of Management, to conduct data collection and define new projects in organization economics to emerging economies, corporate governance, and the optimal governance of knowledge transfer.

Carin Roberts-Wollmann, Associate Professor, Department of Civil and Environmental Engineering, to enhance knowledge of lab equipment software and methods, establish and develop professional collaborative relationships, and write journal articles.

John F. Rossi, Professor, Department of Mathematics, to continue research in function theory with co-authors at the University of Otago in New Zealand and the University of Nottingham in England for one month each. In addition, Dr. Rossi will continue research into the connection between classical potential theory and convergence rates in numerical analysis.

Crandall Shifflett, Professor, Department of History, to continue work on Project AWE (Atlantic World Encounters) involving a current collaboration of scholars, digital archivists, and technology specialists to create a scalable, extensible, and persistent model for electronic scholarship on the Atlantic World.

James R. Sochinski, Professor, Department of Music, to compose a major original work for wind symphony. *Scenes from Peregrinacao* will be a large programmatic work cast in several movements following *Peregrinacao*, a narrative published in 1614 by Portuguese adventurer Fernao Mendes Pinto.

David Tegarden, Associate Professor, Department of Accounting and Information Technology, to conduct research that will advance work in enabling analysts to more easily capture and more completely represent information systems requirements for today's complex business systems.

Layne Terry Watson, Professor, Department of Computer Science, to study new statistical methods as needed for three current research projects related to two NSF grants and one NIH/NIGMS grant. These projects are in bioinformatics data mining, stochastic metabolic pathway modeling, and robust engineering design. In addition, visits will be made to research collaborators at the Universities of Notre Dame, Indiana, and Florida.

Christopher W. Zobel, Associate Professor, Department of Business Information Technology, to serve as a visiting professor at the Institut National des Télécommunications outside of Paris.

RECOMMENDATION:

That the above Study-Research Leaves and Research Assignments be approved as requested.

CHANGE OF DUTY STATION

The Kavli Institute for Theoretical Physics at the University of California, Santa Barbara conducts programs to promote collaborative research in theoretical physics. Dr. John J. Tyson, University Distinguished Professor of Biological Sciences, has been invited to direct one of these programs entitled *Biological Switches and Clocks* for the period July 2-August 10, 2007. This program is one of the few devoted to the growing area of theoretical biophysics, and provides the opportunity for new collaboration in the field of molecular systems biology. The Kavli Institute will cover travel expenses and local living expenses, but expects visitors to be fully supported by their home institutions.

Dr. Tyson has additionally been offered the Aisenstadt Chair in Mathematics at the University of Montreal for the period September 17-28, 2007. The Aisenstadt Chair is extended to “two or three world-famous mathematicians for a one week to a one semester stay. The recipients of the Chair give a series of conferences on set subjects chosen because of their relevance, impact, and contribution to the “thematic program” of the semester. In addition to the lectures, Dr. Tyson will participate in a math-biology conference in Montreal the second week of the stay.

As a third part of this request, the National Institutes of Health recently awarded Virginia Tech a large grant for Dr. Tyson to study exit from mitosis in budding yeast. A major part of this grant requires collaboration to build a computational model of the experimental studies of the mitotic checkpoint being carried out in the laboratory at the Institute for Molecular Oncology in Milan Italy. To carry out this research, some time in Milan is required, and the period October 1-26, 2007 would fill this need.

RECOMMENDATION:

That the change of duty station for Dr. John J. Tyson be approved for the requested period.

CHANGE OF DUTY STATION

The National Humanities Center, outside Durham, North Carolina, is the only major independent American Institute for advanced study in all fields of the humanities. It seeks to create a community of scholars from among the nation's leaders in the liberal arts. Fellows are chosen in an annual competition, for which the Center typically receives more than five hundred applications. Dr. Kathleen Jones, Associate Professor of History, has received one of these fellowships for the 2007-08 academic year and is required to remain in residence at the Center during the period of her fellowship.

The Center provides a stipend of \$38,000 and expects fellows' home institutions to cover the balance of their salary and benefits.

RECOMMENDATION:

That the change of duty station for Dr. Kathleen W. Jones be approved for the requested period.

ENDOWED PROFESSORSHIP
Julian N. Cheatham Professor of Forestry

The Julian N. Cheatham Professorship was established in 1989 by Mrs. Alyce Cheatham in celebration of the successful career of Mr. Cheatham in the forest products industry. The professorship is limited to senior faculty in the Forestry Department. The incumbent holds the title and receives financial support until retirement or departure from the university. Dean J. Michael Kelly has recommended Professor Gregory S. Amacher to hold this Professorship in concurrence with the recommendation of the College of Natural Resources Committee for Selections of Named Professorships and Endowed Chairs.

Professor Amacher, a member of the Virginia Tech faculty for 12 years, has rapidly established himself as a national and international expert in forest policy analysis. Dr. Amacher's research program centers on forest and environmental economics with special focus on explanations of forest and natural resource user behavior under a variety of market assumptions. His work has opened several new areas of thought in forest economics and his seminal work in bargaining and environmental regulation has opened a whole new realm of discovery. His contributions in support of the profession are also exceptional having served as editor or associate editor for five top line journals in his area of expertise. This alone is a testament to his high standing in his peer community.

As a researcher, Dr. Amacher has established an enviable record over the past twelve years with over 100 publications and slightly more than \$5 million in research grants. Publishing on average slightly more than eight papers per year in first tier journals is in itself truly exceptional. This very productive record has brought him recognition and honors through invitations to speak and participate in conferences and workshops worldwide as well as adjunct professorships at a number of international universities. However, more noteworthy than the volume of work he has produced, is the impact of Dr. Amacher's research on his profession and natural resource policy. His work is finding immediate application in developing countries from Africa to China. He is equally successful when it comes to training graduate students and post-doctorates, with many moving to important positions with the World Bank or receiving Fulbright Fellowships. Dr. Amacher is also a dedicated and innovated educator. His efforts in the classroom have been recognized first by the students through consistently high course ratings and second by teaching awards at both the college and university level. In summary, it is the truly exceptional individual that can display this level of accomplishment in such a relatively short period of time.

RECOMMENDATION:

That Dr. Gregory S. Amacher be appointed the Julian N. Cheatham Professor of Forestry, effective April 10, 2007, with a salary supplement as provided by the Julian N. Cheatham Endowment and the eminent scholar match if available.

ENDOWED PROFESSORSHIP Garland Gray Professor of Forestry

The Garland Gray Professorship was established in 1985 by Elmon T. Gray in memory of his father. The professorship is open to senior faculty in the College of Natural Resources whose teaching and research support the forest products industry. The incumbent holds the title and receives financial support until retirement or departure from the university. Dean J. Michael Kelly has recommended Professor James A. Burger to hold this Professorship in concurrence with the recommendation of the College of Natural Resources Committee for Selections of Named Professorships and Endowed Chairs.

Professor Burger, a member of the Virginia Tech faculty for 27 years, has worked steadily to establish himself as the singular authority on reforestation and restoration. As noted by Dr. Robert Powers, "Dr. Burger's work is sound, practical, and socially significant. His reforestation and restoration work on mine spoils is recognized internationally and his original concepts for judging soil quality for sustainable forestry have earned broad attention. His findings on long term impacts of intensive management are among the earliest and best in North America."

High impact is the phrase that best describes the contributions of Dr. Burger. His research work in the area of reclamation of disturbed land alone is a significant contribution. His efforts have led to practices and regulations that have made the reclamation of thousands of acres of orphaned mined land possible while at the same time assuring that current mining operations will be conducted in a manner that will maximize the potential to successfully restore the site to productive use. Most of the knowledge base that underpins these accomplishments was acquired while training 41 masters and doctoral students. Dr. Burger created a seamless research/graduate education program using almost five million dollars in external grants to develop solutions to real world problems and simultaneously train the next generation of researchers and teachers. Many of Dr. Burger's graduate students have gone on to hold important positions in industry and government as well as a significant number are now professors in major forestry programs. Dr. Burger has been recognized nationally and internationally for his contributions to reclamation science, and in 2000 received the William Plass Award from the American Society of Mining and Reclamation, the Society's most prestigious life-time achievement award. Similarly, Dr. Burger was also recognized for his contributions to the soil science profession through his selection as a Fellow of the Soil Science Society of America.

RECOMMENDATION:

That Dr. James A. Burger be appointed the Garland Gray Professor of Forestry, effective April 10, 2007, with a salary supplement as provided by the Garland Gray Endowment and the eminent scholar match if available.

ENDOWED PROFESSORSHIP
Thomas M. Brooks Professor of Wood Science and Forest Products

The Thomas M. Brooks Professorship was established in 1980. Mr. Brooks had strong feelings concerning the value of Virginia forest lands and the contributions to economic vitality provided by the greater forest based industry. The professorship is limited to senior faculty in the Forest Products and Wood Science Department. The incumbent holds the title and receives financial support until retirement or departure from the university. Dean J. Michael Kelly has recommended Professor Charles E. Frazier to hold this Professorship in concurrence with the recommendation of the College of Natural Resources Committee for Selections of Named Professorships and Endowed Chairs.

Professor Frazier, a member of the Virginia Tech faculty for 14 years, has a unique background that has enabled him to work effectively with faculty members in chemistry, engineering mechanics, and chemical engineering. He has been an active member of the university-wide Center for Adhesive and Sealant Science, and one of the founding members of the Macromolecules and Interfaces Institute. He is presently director of the Wood Based Composites Center in the Wood Science and Forest Products Department, and under his guidance this industry-supported center has grown substantially.

Dr. Frazier has an outstanding record as a researcher and mentor of graduate students. He has received close to six million dollars in contracts and grants and has been especially successful in obtaining new funding from the very competitive USDA-National Research Initiative. His research in the area of wood adhesives and adhesion has been widely communicated through highly rated journals, by his participation in conferences, workshops, and through his web-based outreach program. Over the years his former graduate students have won recognition on four occasions through the highly coveted Wood Award of the Forest Products Society. In addition to guiding students in wood science, Dr. Frazier has produced graduates in Materials Engineering, Engineering Science and Mechanics, Macromolecular Science and Engineering, and Chemistry. More recently, Dr. Frazier has continued to be on the cutting edge of research working in the area of wood rheology, an area that will be extremely important to realizing the full impacts of genetically engineered wood. Not only is Dr. Frazier an exemplary researcher, he also excels as a teacher. He has received several departmental teaching and student service awards and has very importantly been recognized at the university level with the prestigious Sporn Award for Excellence in Teaching Introductory Subjects.

RECOMMENDATION:

That Dr. Charles E. Frazier be appointed the Thomas M. Brooks Professor of Wood Science and Forest Products, effective April 10, 2007 with a salary supplement as provided by the Thomas M. Brooks Endowment and the eminent scholar match if available.

**Resolution Naming
The Dick and Judy Foster North Indoor Club
at Lane Stadium
of Virginia Polytechnic Institute and State University**

Whereas, Richard S. Foster and Judy L. Foster have been very active donors and supporters of the Virginia Tech Athletic program; and

Whereas, Richard and Judy Foster are dedicated and loyal friends of Virginia Tech; and

Whereas, Dick Foster is President of Baymark Construction in Virginia Beach, VA and is a successful developer on the Eastern Shore of Virginia with a strong work ethic and belief that the partnership between independence and hard work will help individuals achieve their goals; and

Whereas, Dick Foster has demonstrated his commitment to the comprehensive collegiate experience through the support of intercollegiate athletics and academic excellence at the university; and

Whereas, Dick Foster has honored his father and provided generous financial support for students with the establishment of the Richard S. Foster Urban Forestry Endowed Scholarship in the College of Natural Resources; and

Whereas, Dick and Judy Foster have been recognized as members of the Ut Prosim Society, the university's most prestigious donor recognition society, for their generous financial support of Virginia Tech; and

Whereas, the Fosters have made a generous gift commitment in support of the Lane Stadium Expansion Project in the Athletic Department;

Therefore, be it hereby resolved that, in appreciation of Dick and Judy Foster's generous support for the West Side Expansion of Lane Stadium, that the North Indoor Club of Lane Stadium be named the Dick and Judy Foster North Indoor Club.

RECOMMENDATION:

That the above resolution naming The Dick and Judy Foster North Indoor Club at Lane Stadium be approved.

Resolution Naming

The Myers-Lawson School of Construction at Virginia Polytechnic Institute and State University

Whereas, A. Ross Myers is a loyal alumnus of Virginia Tech's class of 1972, receiving his Bachelor of Science degree in Civil Engineering; and John R. Lawson, II is a loyal alumnus of Virginia Tech's class of 1975, receiving his Bachelor of Science degree in Geophysics; and

Whereas, A. Ross Myers and John R. Lawson are both loyal members of the Sigma Phi Epsilon fraternity, where they met as members when they were both undergraduates at Virginia Tech; and

Whereas, A. Ross Myers continues a volunteer career with the university to include service on the Engineering Committee of 100 and the Civil Engineering Advisory Board; and

Whereas, John R. Lawson, II continues a volunteer career with the university to include membership (2002-2012) and current service as Vice Rector of the Virginia Tech Board of Visitors; and

Whereas, A. Ross Myers and John R. Lawson, II have both been recognized for their outstanding philanthropy to the university as members of the Ut Prosim Society, the university's most prestigious donor recognition society; and

Whereas, A. Ross Myers has made outstanding contributions and commitments including considerable support to the Department of Civil and Environmental Engineering in the form of graduate scholarships, undergraduate scholarships and program support, to alumni programs and scholarships, and to intercollegiate athletics; and

Whereas, John R. Lawson, II has made outstanding contributions and commitments including considerable support to the College of Architecture and Urban Studies and the Building Construction Department, to the College of Science and the College of Engineering in the form of undergraduate scholarships, to alumni scholarships, and to intercollegiate athletics; and

Whereas, A. Ross Myers and John R. Lawson, II have made a generous commitment for the benefit of The Vecellio Construction Engineering and Management Program in the Via Department of Civil and Environmental Engineering and the Department of Building Construction in the College of Architecture and Urban Studies, pledging funds to provide for the operational and program support for the School of Construction; and

Whereas, the Virginia Tech Board of Visitors approved the establishment of the School of Construction on March 27, 2006; and

Whereas, the newly established School of Construction will recognize Myers' and Lawson's interest in Virginia Tech, their desire to enhance Virginia Tech's strong position of national leadership in construction education and research, and their desire to support values-based leadership in the construction industry;

Now, therefore, be it resolved that, as an enduring tribute to A. Ross Myers and John R. Lawson II, and in appreciation for their extraordinary generosity and vision, the School of Construction will be named

The Myers-Lawson School of Construction

Recommendation:

That the above resolution naming The Myers-Lawson School of Construction be approved.

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

March 25-26, 2007

TEACHING AND RESEARCH FACULTY

NEW APPOINTMENTS

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Conev, Rumen	Assistant Professor	Horticulture	15-Jan-07	100	\$ 72,000
Estabrooks, Paul	Associate Professor - Tenured	Human Nutrition, Foods, and Exercise	10-Aug-07	100	\$ 90,000
Hill, Jennie	Instructor - Rstr	Human Nutrition, Foods, and Exercise	10-Aug-07	100	\$ 50,000
Guthrie, Joseph	Instructor - Rstr	Agricultural Technology	10-Jan-07	100	\$ 52,000
Schmelz, Eva	Associate Professor	Human Nutrition, Foods, and Exercise	2-Apr-07	100	\$ 85,000
Tracy, Benjamin	Associate Professor - Tenured	Crop & Soil Environmental Sciences	25-May-07	100	\$ 80,000
You, Wen	Assistant Professor	Agriculture and Applied Economics	25-Dec-06	100	\$ 80,000
Zhao, Bingyu	Assistant Professor	Horticulture	1-Jun-07	100	\$ 72,000
<u>Architecture & Urban Studies</u>					
Fiori, Christine	Instructor	Myers-Lawson School of Construction	25-Dec-06	100	\$ 72,000
Morton, Elizabeth	Visiting Assistant Professor - Rstr	School of Public & International Affairs	25-Dec-06	100	\$ 60,000
Young, Deborah	Assistant Professor	Myers-Lawson School of Construction	10-Aug-07	100	\$ 72,000
<u>Business</u>					
Song, Chang	Assistant Professor	Accounting and Information Systems	25-Dec-06	100	\$ 133,000
<u>Engineering</u>					
Duggleby, Andrew	Visiting Assistant Professor - Rstr	Mechanical Engineering	1-Dec-06	100	\$ 56,500
Rajagopalan, Padma	Assistant Professor	Chemical Engineering	25-Dec-06	100	\$ 81,000
<u>Executive Vice President</u>					
Jensen, Roderick	Professor - Tenured	Virginia Bioinformatics Institute	1-Feb-07	100	\$ 145,000
<u>Liberal Arts & Human Sciences</u>					
Stainback, Kevin	Assistant Professor	Sociology	10-Aug-07	100	\$ 58,000
<u>Natural Resources</u>					
de Beurs, Kirsten	Assistant Professor	Geography	10-Aug-07	100	\$ 65,000
<u>Science</u>					
Weiss, Chester	Associate Professor	Geosciences	10-Aug-07	100	\$ 75,000
Xing, Jianhua	Assistant Professor	Biological Sciences	10-Aug-07	100	\$ 64,000
<u>Veterinary Medicine</u>					
Castro, Fernando	Clinical Assistant Professor - Rstr	Large Animal Clinical Sciences	19-Feb-07	100	\$ 95,000
Daniel, Gregory	Professor - Tenured	Small Animal Clinical Sciences	1-May-07	100	\$ 155,000
Henao-Guerrero, Piedad	Assistant Professor	Small Animal Clinical Sciences	1-Sep-07	100	\$ 87,500
Roberts, Paul	Associate Professor	Biomedical Sciences & Pathobiology	1-Jan-07	100	\$ 95,000
Pierce, Bess	Clinical Associate Professor	Small Animal Clinical Sciences	15-Aug-07	100	\$ 118,000
Yuan, Lijuan	Assistant Professor	Biomedical Sciences & Pathobiology	1-Jul-07	100	\$ 81,000

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Bassaganya-Riera, Josep	Assistant Professor	Human Nutrition, Foods, and Exercise	10-Jan-07	100	\$ 78,100
Kuhar, Thomas	Assistant Professor	Eastern Shore AREC	10-Jan-07	100	\$ 80,183
Orden, David	Professor	Agriculture and Applied Economics	1-Oct-06	100	\$ 101,970
<u>Architecture & Urban Studies</u>					
Breitschmid, Markus	Assistant Professor	School of Architecture and Design	25-Dec-06	100	\$ 63,798
Capone, Truman	Associate Professor/Dept Head	Art and Art History	10-Feb-07	100	\$ 108,484
Ermann, Michael	Assistant Professor	School of Architecture and Design	10-Feb-07	100	\$ 61,200
Jones, James	Associate Professor	School of Architecture and Design	25-Dec-06	100	\$ 73,124
Sanchez, Thomas	Associate Professor	School of Public and International Affairs	10-Aug-06	100	\$ 81,605
Setareh, Mehdi	Professor	School of Architecture and Design	25-Nov-06	100	\$ 90,525
<u>Business</u>					
Fan, Weiguo	Associate Professor	Accounting and Information Systems	25-Nov-06	100	\$ 138,260
Machin, Jane	Assistant Professor	Marketing	25-Dec-06	100	\$ 118,000
Matheson, Lance	Associate Professor	Business Information Technology	10-Jan-07	100	\$ 110,000
Sen, Tarun	Professor	Accounting and Information Systems	25-Dec-06	100	\$ 126,856
<u>Engineering</u>					
Burdisso, Ricardo	Professor	Mechanical Engineering	25-Nov-06	100	\$ 130,853
Clauer, C. Robert	Professor	Electrical and Computer Engineering	10-Nov-06	100	\$ 166,666
De la Garza, Jesus	Professor	Civil and Environmental Engineering	25-Nov-06	100	\$ 145,333
Ellis, Michael	Associate Professor	Mechanical Engineering	25-Nov-06	100	\$ 97,166
Fox, Edward	Professor	Computer Science	25-Nov-06	100	\$ 160,086
Hall, Christopher	Professor / Interim Dept Head	Aerospace and Ocean Engineering	25-Sep-06	100	\$ 139,451
Inman, Daniel	Professor	Mechanical Engineering	25-Nov-06	100	\$ 242,000
Love, Nancy	Professor	Civil and Environmental Engineering	25-Nov-06	100	\$ 117,778
O'Brien, Walter	Professor	Mechanical Engineering	25-Nov-06	100	\$ 223,814
Pendleton, Leslie	Instructor - Rstr	Electrical and Computer Engineering	10-Feb-07	100	\$ 44,585
			10-Feb-07	100	\$ 52,493
Sherali, Hanif	Professor	Industrial and Systems Engineering	25-Nov-06	100	\$ 232,973
Van Aken, Eileen	Associate Professor	Industrial and Systems Engineering	25-Nov-06	100	\$ 113,424
Vorster, Michael	Professor	Civil and Environmental Engineering	25-Nov-06	100	\$ 178,666
<u>Liberal Arts & Human Sciences</u>					
Becker, Gertrude	Instructor	Department of Interdisciplinary Studies	10-Aug-06	100	\$ 26,023
Graham, Kathryn	Instructor	English	25-Dec-06	100	\$ 48,376
Piersol, Richard	Instructor	English	25-Dec-06	100	\$ 37,771
Roberto, Karen	Professor	Center for Gerontology	10-Nov-06	100	\$ 120,950
Roberts, C. Janene	Visiting Assistant Professor	Department of Interdisciplinary Studies	25-Dec-06	50	\$ 20,603

continued

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Natural Resources</u>					
Grossman, Lawrence	Professor	Geography	25-Nov-06	100	\$ 92,040
Schoenholtz, Stephen	Professor	Virginia Water Resources Research Center	25-Dec-06	100	\$ 106,050
Smith, Robert	Professor	Wood Science & Forest Products	25-Sep-06	100	\$ 95,642
<u>Science</u>					
Castagnoli, Kay	Instructor - Rstr	Chemistry	1-Jan-07	100	\$ 48,000
Crawford, Daniel	Associate Professor	Chemistry	1-Sep-06	100	\$ 94,000
Green, Edward	Professor	Mathematics	25-Dec-06	100	\$ 129,333
<u>Veterinary Medicine</u>					
Inzana, Thomas	Professor	Biomedical Sciences	23-Oct-06	100	\$ 119,900
<u>Vice Provost for Outreach</u>					
Hammett, A.L.	Professor	Office of International Research, Education, and Development	20-Mar-06	100	\$ 101,783
Smith, Robert	Professor	Office of International Research, Education, and Development	28-Mar-06	100	\$ 92,530
			17-Mar-06	100	\$ 98,606
			24-Mar-06	100	\$ 89,642

ADMINISTRATIVE AND PROFESSIONAL FACULTY**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Adams, Shaun	4-H Project Associate - Rstr	VA Cooperative Extension	10-Nov-06	100	\$ 30,000
Barnett, LoriAnne	Associate Extension Agent	VA Cooperative Extension	25-Nov-06	100	\$ 36,000
Cauffman, Kiya	Associate Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 31,000
Chappell, Deborah	Associate Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 50,000
Collins, Daniel	Associate Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 33,000
Daniel, Donna	Associate Extension Agent	VA Cooperative Extension	25-Jan-07	100	\$ 42,500
Flowers, Charles	Associate Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 42,000
Howland, Catherine	Associate Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 32,000
Johnson, Kisha	Associate Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 40,000
Kovacs, Lisa	Extension Agent	VA Cooperative Extension	10-Oct-06	100	\$ 31,000
Kvach, Erin	Associate Extension Agent	VA Cooperative Extension	25-Jan-07	100	\$ 32,000
Meade, Donna	Associate Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 35,000
Porr, Cheryl	Associate Extension Agent	VA Cooperative Extension	25-Oct-06	100	\$ 52,000
Vallotton, Amber	Associate Extension Agent	VA Cooperative Extension	25-Jan-07	100	\$ 45,000
Wyskiewicz, Cynthia	Extension Agent	VA Cooperative Extension	25-Nov-06	100	\$ 44,000
<u>Athletics</u>					
McVay, Tiffany	Assistant Softball Coach	Athletics	25-Oct-06	100	\$ 24,660
Mueller, Nicholas	Assistant Women's Tennis Coach	Athletics	10-Jan-07	100	\$ 24,660
<u>Business</u>					
Johnston, Melanie	Associate Director of Marketing & Recruiting	Pamplin MBA Program	1-Dec-06	100	\$ 62,500
<u>Liberal Arts & Human Sciences</u>					
Ott Rowlands, Sue	Dean, College of Liberal Arts and Human Sciences - Tenured	College of Liberal Arts and Human Sciences	16-Jul-07	100	\$ 225,000
<u>President</u>					
Hart, Natalie	NCAA Certification Coordinator - Rstr	Senior Fellow for Resource Development	25-Oct-06	100	\$ 30,000
<u>Provost</u>					
Hayden, Melanie	Assistant Director for College Transition Programs - Rstr	Center for Academic Enrichment and Excellence	10-Jan-07	100	\$ 41,600
Hillstock, Laurie	Director of University Summer Sessions	Institute for Distance and Distributed Learning	8-Jan-07	100	\$ 72,000
<u>Vice President for Budget and Financial Management</u>					
Cartwright, Mark	Supply Diversity Manager	Purchasing	15-Jan-07	100	\$ 68,000

continued

ADMINISTRATIVE AND PROFESSIONAL FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Vice President for Development & University Relations</u>					
Grove, Benjamin	Assistant Director of Development College of Agriculture and Life Sciences	University Development	3-Jan-07	100	\$ 61,000
Orzolek, Jennifer	Assistant Director of Development College of Science	University Development	12-Dec-06	100	\$ 50,000
<u>Vice President for Research</u>					
Garcia, Alejandro	Senior Licensing Associate	Virginia Tech Intellectual Properties	2-Apr-07	100	\$ 85,000
Hess, Gregory	Senior Licensing Associate	Virginia Tech Intellectual Properties	8-Jan-07	100	\$ 90,000
Reed, Jacquelyn	Licensing Associate	Virginia Tech Intellectual Properties	15-Jan-07	100	\$ 75,000
Straighttiff, Michael	Senior Licensing Associate	Virginia Tech Intellectual Properties	15-Jan-07	100	\$ 85,000
Talerico, John	Licensing Associate	Virginia Tech Intellectual Properties	25-Nov-06	100	\$ 67,500
<u>Vice President for Student Affairs</u>					
Collins, Brian	Area Coordinator	Residence Life - Student Programs	10-Jan-07	100	\$ 34,000
Ferraro, Richard	Assistant Vice President for Student Affairs	Schiffert Health Center	15-Jan-07	100	\$ 120,000
Hunter, Monica	Associate Director of Student Activities for Campus Programs	University Unions and Student Activities	10-Nov-06	100	\$ 55,000
Krieger, Carl	Assistant Director	Residence Life - Student Programs	10-Jan-07	100	\$ 40,000
Miller, William	Deputy Commandant of Cadets	Military Affairs	10-Dec-06	100	\$ 60,000
Walters-Steele, Julie	Director of University Unions	University Unions and Student Activities	1-Nov-06	100	\$ 80,000
<u>Vice Provost for Outreach</u>					
Arceneaux, Kathleen	Associate Director - Rstr	Service Learning Center	1-Nov-06	100	\$ 40,000
Atasoy, Sibel	Economic Development Associate	Office for Economic Development	3-Jan-07	100	\$ 35,000
Bernhard, Mark	Director, Continuing and Professional Education	Outreach Program Development	13-Nov-06	100	\$ 91,500

ADMINISTRATIVE AND PROFESSIONAL FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Abel, Jennifer	Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 49,890
Bowen, Jason	Associate Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 37,800
Calhoun, David	State Program Leader, Community Viability	VA Cooperative Extension	10-Jan-07	100	\$ 98,710
Chudy, Gregory	Associate Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 36,000
Eanes, Linda	Associate Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 35,828
Eberly, Eric	Extension Agent	VA Cooperative Extension	25-Nov-06	100	\$ 55,750
Grau, Amanda	Associate Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 37,061
Greenwood, Heather	Associate Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 46,154
Herdman, Wendy	Associate Extension Agent	VA Cooperative Extension	25-Jan-07	100	\$ 34,364
Huckestein, Stephanie	Education and Outreach Coordinator - Rstr	Horticulture	15-Jan-07	100	\$ 35,000
Hunnings, Joe	eFARS and Planning and Reporting Manager	ANHR Information Technology	16-Oct-06	100	\$ 77,369
McBride, Donna	Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 31,000
Morgan, Amber	Associate Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 38,000
Murphy, Linda	Senior Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 60,120
Overbay, Andrew	District Program Leader	VA Cooperative Extension	25-Nov-06	100	\$ 62,000
Repair, Jonathan	Extension Agent	VA Cooperative Extension	10-Feb-07	100	\$ 64,478
Rowles, Cynthia	Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 45,703
Smith, Crystal	Associate Extension Agent	VA Cooperative Extension	10-Jan-07	100	\$ 41,000
Smith, David	Associate Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 43,800
Stowe, Jamie	Associate Extension Agent	VA Cooperative Extension	25-Feb-07	100	\$ 39,900
Walker, Martha	Area Specialist	VA Cooperative Extension	10-Jan-07	100	\$ 77,000
Weddle, Julie	Associate Extension Agent	VA Cooperative Extension	10-Dec-06	100	\$ 31,000
Williams, Holly	Associate Extension Agent	VA Cooperative Extension	25-Oct-06	100	\$ 31,000
Wilson, Amber	Associate Extension Agent	VA Cooperative Extension	25-Nov-06	100	\$ 41,162
<u>Athletics</u>					
Brauns, Alfred	Assistant Softball Coach	Athletics	10-Oct-06	100	\$ 36,750
Cavanaugh, James	Assistant Football Coach	Athletics	1-Jan-07	100	\$ 181,923
Foster, Robert	Defensive Coordinator	Athletics	1-Jan-07	100	\$ 267,526
			25-Jan-07	100	\$ 277,526
Gentry, Roy	Assistant Athletic Director, Sports Performance	Athletics	1-Jan-07	100	\$ 128,651
Gergen, Jayme	Assistant Volleyball Coach	Athletics	10-Feb-07	100	\$ 35,000
Gray, Torrian	Assistant Football Coach	Athletics	1-Jan-07	100	\$ 117,700
Hite, William	Associate Head Football Coach	Athletics	1-Jan-07	100	\$ 207,764
McBride, Shelbylynn	Assistant Volleyball Coach	Athletics	10-Feb-07	100	\$ 35,000
Newsome, Curtis	Assistant Football Coach	Athletics	1-Jan-07	100	\$ 139,125
O'Cain, T. Michael	Assistant Football Coach	Athletics	1-Jan-07	100	\$ 173,643
Sherman, Kevin	Assistant Football Coach	Athletics	1-Jan-07	100	\$ 139,100
Stinespring, Bryan	Offensive Coordinator	Athletics	1-Jan-07	100	\$ 224,793
Weaver, James	Director of Athletics	Athletics	1-Jan-07	100	\$ 328,772
Wiles, Charles	Assistant Football Coach	Athletics	1-Jan-07	100	\$ 167,995
<u>Dean of Libraries</u>					
Bailey, Annette	Digital Assets Librarian	University Libraries	10-Oct-06	100	\$ 44,500
Kok, Victoria	Professor	University Libraries	10-Jan-07	100	\$ 80,824

continued

ADMINISTRATIVE AND PROFESSIONAL FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Engineering</u>					
Cortes, Susan	Director of Ware Lab	Ware Lab	25-Jan-07	100	\$ 57,200
<u>President</u>					
Ridenour, Minnis	Senior Fellow and Director	President	1-Dec-06	Adjct	\$ 40,000
<u>Provost</u>					
Gile, Roxanne	Associate Director and Senior Research Analyst	Institutional Research and Effectiveness	15-Feb-07	100	\$ 65,500
Smith, Christine	Assistant Director of Counseling and Advocacy	Women's Center	16-Oct-06	62.5	\$ 25,625
Weiss, Margaret	Learning Specialist	Student Athlete Academic Support Services	1-Jan-07 17-Aug-06	100 75	\$ 43,000 \$ 36,000
<u>Vice President for Business Affairs</u>					
Flinchum, Wendell	Director of Campus Security and Chief of Police	Police Department	12-Dec-06	100	\$ 97,800
<u>Vice President for Development</u>					
Armagost, Mark	Director, Corporate and Foundation Relations	University Development	15-Nov-06	100	\$ 100,000
Boggs, Aron	Associate Director of Development, College of Engineering	University Development	1-Jan-07	100	\$ 60,500
Jackson, Tysus	Director of Development for Liberal Arts & Human Sciences	University Development	1-Feb-07	100	\$ 64,000
Rallapalli, Chandrika	Director of Development for Multicultural Affairs	University Development	15-Dec-06	100	\$ 48,300
<u>Vice President for Multicultural</u>					
Plaza, Raymond	Project Specialist, Diversity Initiatives	Multicultural Affairs	25-Dec-06	100	\$ 37,294
<u>Vice President for Research</u>					
Bucy, Linda	Interim AVP and Director of Sponsored Programs	Sponsored Programs	4-Jan-07	100	\$ 100,000
<u>Vice Provost for Outreach</u>					
McCall-Williams, Holly	Assistant Director	Continuing and Professional Education	10-Nov-06	100	\$ 46,000

SPECIAL RESEARCH FACULTY**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Bian, Guowu	Postdoctoral Associate - Rstr	Biochemistry	31-Dec-06	100	\$ 35,000
Hassan, Gaber	Research Scientist -Rstr	Crop & Soil Environmental Sciences	30-Jan-07	100	\$ 31,138
Hill, Stephanie	Postdoctoral Associate - Rstr	Dairy Science	25-Dec-06	100	\$ 35,000
Hong, Jae	Project Associate - Rstr	Food Science and Technology	25-Nov-06	100	\$ 35,000
Marks, Laura	Project Associate - Rstr	Animal and Poultry Sciences	25-Dec-06	100	\$ 34,000
Treiber, Kimberly	Postdoctoral Associate - Rstr	Middleburg Agricultural Research and Extension Center	17-Oct-06	100	\$ 35,000
<u>Engineering</u>					
Anderson, Christopher	Postdoctoral Associate - Rstr	Electrical and Computer Engineering	10-Dec-06	100	\$ 50,000
Ayoubi, Mohammad	Postdoctoral Associate - Rstr	Aerospace and Ocean Engineering	1-Feb-07	100	\$ 36,000
Barik, Debashis	Postdoctoral Associate - Rstr	Mechanical Engineering	25-Jan-07	100	\$ 39,000
Barnett, Shane	Research Associate - Rstr	Mechanical Engineering	19-Jan-07	100	\$ 45,000
Bhattacharyya, Somnath	Postdoctoral Associate - Rstr	Materials Science and Engineering	1-Nov-06	100	\$ 37,500
Farris, Jennifer	Postdoctoral Associate - Rstr	Industrial and Systems Engineering	25-Dec-06	100	\$ 38,000
Kochersberger, Kevin	Research Associate Professor - Rstr	Mechanical Engineering	10-Oct-06	100	\$ 95,000
Li, Xue	Postdoctoral Associate - Rstr	Civil and Environmental Engineering	22-Jan-07	100	\$ 35,000
Nadimpalli, Ravi	Postdoctoral Associate - Rstr	Biological Systems Engineering	6-Nov-06	100	\$ 35,000
Qin, Zhanming	Research Scientist - Rstr	Engineering Science and Mechanics	25-Oct-06	80	\$ 28,800
Spinello, Davide	Postdoctoral Associate - Rstr	Electrical and Computer Engineering	10-Jan-07	100	\$ 35,000
Thomas, Liya	Postdoctoral Associate - Rstr	Computer Science	25-Dec-06	51	\$ 25,500
Wang, Zuyi	Postdoctoral Associate - Rstr	Advanced Research Institute	5-Oct-06	80	\$ 35,400
<u>Executive Vice President</u>					
Ball, David	Postdoctoral Associate - Rstr	Virginia Bioinformatics Institute	3-Jan-07	100	\$ 45,000
Bao, Lei	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	1-Feb-07	100	\$ 60,000
Blanco, Jenny	Postdoctoral Associate - Rstr	Virginia Bioinformatics Institute	1-Dec-06	100	\$ 41,000
Kraszewski, Jessica	Research Associate - Rstr	Virginia Bioinformatics Institute	19-Feb-07	100	\$ 40,000
<u>Liberal Arts & Human Sciences</u>					
Lee, Soyoung	Postdoctoral Associate - Rstr	Educational Research and Outreach	10-Jan-07	100	\$ 35,000
Ray, Cynthia	Project Associate - Rstr	Human Development	1-Nov-06	100	\$ 68,319
<u>Natural Resources</u>					
Cnaani, Avner	Postdoctoral Associate - Rstr	Fisheries and Wildlife	10-Nov-06	100	\$ 44,000
Fabiyyi, James	Postdoctoral Associate - Rstr	Wood Science and Forest Products	25-Feb-07	100	\$ 38,500
<u>Science</u>					
Afkhami, Shahriar	Postdoctoral Associate - Rstr	Mathematics	10-Aug-07	100	\$ 45,000
Engel, Jens	Postdoctoral Associate - Rstr	Geosciences	10-May-07	100	\$ 30,000
Kar, Sandip	Postdoctoral Associate - Rstr	Biological Sciences	25-Jan-07	100	\$ 39,000
Ma, Ming	Postdoctoral Associate - Rstr	Chemistry	26-Sep-06	100	\$ 30,000
Mungalimane, Amshumali	Postdoctoral Associate - Rstr	Chemistry	12-Oct-06	100	\$ 30,000
Panayotov, Dimitar	Postdoctoral Associate - Rstr	Chemistry	1-Oct-06	100	\$ 35,610

continued

SPECIAL RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Veterinary Medicine</u>					
Cong, Wenxiang	Research Scientist - Rstr	Biomedical Engineering and Sciences	15-Dec-06	100	\$ 65,687
Shen, Haiou	Postdoctoral Associate - Rstr	Biomedical Engineering and Sciences	13-Nov-06	100	\$ 39,672
Wu, Weijia	Postdoctoral Associate - Rstr	Biomedical Engineering and Sciences	7-Dec-06	100	\$ 40,000
Yu, Hengyong	Research Scientist - Rstr	Biomedical Engineering and Sciences	10-Nov-06	100	\$ 60,000
<u>Vice President for Research</u>					
Bagci, Elife	Postdoctoral Associate - Rstr	Institute for Critical Technology and Applied Science	1-Mar-07	100	\$ 45,000
de Leon Izeppi, Edgar	Senior Research Associate - Rstr	Virginia Tech Transportation Institute	10-Dec-06	100	\$ 50,000
Druta, Cristian	Postdoctoral Associate - Rstr	Virginia Tech Transportation Institute	15-Jan-07	100	\$ 33,000
Senyurt, Askim	Postdoctoral Associate - Rstr	Macromolecules and Interfaces Institute	15-Jan-07	100	\$ 36,000
Solomitchi-Lester, Georgeta	Project Associate - Rstr	Virginia Tech Transportation Institute	25-Nov-06	100	\$ 48,000
Webster, Janet	Senior Project Associate	Proposal Development Team	10-Dec-06	100	\$ 52,000
Williams, Cyndy	Project Associate	Proposal Development Team	1-Feb-07	100	\$ 39,000
<u>Vice Provost for Outreach</u>					
Moore, Michael	Senior Project Associate - Rstr	Halifax Initiative	25-Dec-06	100	\$ 85,000

SPECIAL RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Brannan, Kevin	Research Associate - Rstr	Biological Systems Engineering	25-Nov-06	100	\$ 38,000
Burger, Julia	Research Associate - Rstr	Crop and Soil Environmental Science	25-Jan-07	100	\$ 31,043
Chen, Jianli	Research Scientist - Rstr	Crop and Soil Environmental Science	25-Nov-06	100	\$ 42,437
Gungor, Kerem	Postdoctoral Associate - Rstr	Biological Systems Engineering	10-Dec-06	100	\$ 33,500
Hu, Zhenhu	Postdoctoral Associate - Rstr	Biological Systems Engineering	10-Jan-07	100	\$ 32,000
Lambur, Michael	Research Professor - Rstr	Agricultural and Extension Education	26-Nov-06	100	\$ 97,000
Torabinejad, Javad	Research Assistant Professor - Rstr	Plant Pathology, Physiology, and Weed Science	1-Jan-07	100	\$ 55,000
Zeckoski, Rebecca	Research Associate - Rstr	Biological Systems Engineering	25-Nov-06	100	\$ 39,845
<u>Engineering</u>					
Dove, Joseph	Research Assistant Professor - Rstr	Civil and Environmental Engineering	25-Dec-06	100	\$ 68,953
Feng, Xizhou	Postdoctoral Associate - Rstr	Computer Science	15-Oct-06	100	\$ 50,000
Ohanehi, Donatus	Research Scientist - Rstr	Engineering Science and Mechanics	25-Dec-06	80	\$ 43,930
Parks, Jeffrey	Research Scientist - Rstr	Civil and Environmental Engineering	1-Jan-07	100	\$ 53,000
Qin, Zhanming	Research Scientist - Rstr	Engineering Science and Mechanics	10-Jan-07	100	\$ 36,000
Schultz, Jeffrey	Research Assistant Professor - Rstr	Materials Science and Engineering	10-Dec-06	100	\$ 60,000
Seol, Hyang	Postdoctoral Associate - Rstr	Industrial and Systems Engineering	25-Nov-06	100	\$ 16,401
Wang, Jianfeng	Postdoctoral Associate - Rstr	Civil and Environmental Engineering	10-Jan-07	100	\$ 35,426
<u>Executive Vice President</u>					
Beckman, Richard	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	10-Feb-07	66	\$ 109,824
Faulkner, Susan	Project Director - Rstr	Virginia Bioinformatics Institute	25-Nov-06	100	\$ 102,051
Hanlon, Regina	Research Associate - Rstr	Virginia Bioinformatics Institute	10-Jan-07	80	\$ 46,384
La Rota, Carlos	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	25-Feb-07	100	\$ 50,000
Mackasmiel, Lucas	Research Associate - Rstr	Virginia Bioinformatics Institute	25-Nov-06	100	\$ 46,350
Whyte, Barry	Project Director - Rstr	Virginia Bioinformatics Institute	25-Nov-06	100	\$ 90,000
Zhang, Chengdong	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	25-Nov-06	100	\$ 67,464
Zhang, Fengkai	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	25-Nov-06	100	\$ 60,100
Zhang, Yan	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	25-Nov-06	100	\$ 63,194
<u>Liberal Arts & Human Sciences</u>					
Weyer, Maureen	Project Associate - Rstr	Educational Research and Outreach	25-Nov-06	100	\$ 43,056
<u>Natural Resources</u>					
Roghair, Laura	Research Associate - Rstr	Conservation Management Institute	25-Nov-06	100	\$ 45,000
Sheng, Xiaoyan	Research Associate - Rstr	Forestry	11-Dec-06	100	\$ 37,440
Swint, Pamela	Project Associate - Rstr	Conservation Management Institute	10-Jan-07	100	\$ 35,000
<u>Science</u>					
Bissel, Philippe	Research Scientist - Rstr	Chemistry	1-Jan-07	100	\$ 41,590
Chen, Katherine	Research Scientist - Rstr	Biological Sciences	10-Oct-06	80	\$ 46,289
<u>Veterinary Medicine</u>					
Liang, Chengya	Research Associate - Rstr	Biomedical Sciences and Pathobiology	10-Dec-06	100	\$ 37,835

continued

SPECIAL RESEARCH FACULTY***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	CURRENT ACTION EFF DATE	CURRENT ACTION % APPT	CURRENT ACTION ANNUAL RATE
<u>Vice President for Research</u>					
Nakata, Akiko	Research Associate - Rstr	Virginia Tech Transportation Institute	25-Sep-06	100	\$ 54,039
<u>Vice Provost for Outreach</u>					
Trimble, Tammy	Research Associate - Rstr	University Transportation Fellow	1-Nov-06	100	\$ 45,000
Wills, Lila	Research Associate - Rstr	Office of International Research, Education, and Development	11-Sep-06	100	\$ 68,108
			18-Sep-06	100	\$ 61,916

CHICK-FIL-A BOWL BONUSES

It has long been a tradition in collegiate athletics to recognize the efforts of the coaching staff after a successful season culminating in post-season play. The Hokies finished their regular season in second place of the Coastal Division of the ACC. On December 30, 2006, the Virginia Tech Hokies played the George Tech Bulldogs in the Chick-fil-A Bowl in Atlanta, Georgia. The Hokies were defeated in this meeting and ended the 2006 football season with an overall record of ten wins and three losses. Associated Press and ESPN/USA Today Coaches Polls ranked the Hokies fourteenth in the nation at the end of the 2006 football season. This Chick-fil-A Bowl event marked the fourteenth consecutive bowl game for the Virginia Tech football program.

In recognition of their dedication and efforts, the university proposes to award bonuses to the football coaching, training and operations staff, the Athletic Director, and the Director and Assistant Director of the Marching Virginians. In accordance with the terms of coaches' contracts and the university's post season play bonus policy, the university proposes that the following bonuses be awarded. The bonuses are one-time awards and do not affect base salaries. All bonuses will be funded from tournament proceeds.

RECOMMENDATION: That the contractual bonuses for the 2006 Chick-fil-A Bowl be ratified and the non-contractual bonuses be approved.

March 26, 2007

CHICK-FIL-A BOWL BONUSES

Contractual Bonus	Contract Owner	Title	Bonus Amount
Ballein, John	Beamer	Associate AD for Football Operations	20,000
Beamer, Frank	Beamer	Head Football Coach	50,000
Cavanaugh, Jim	Beamer	Recruiting Coordinator	25,000
Ferguson, Jarrett	Gentry	Coordinator of Strength & Conditioning	3,000
Foster, Bud	Foster	Defensive Coordinator	50,000
Gray, Torrian	Beamer	Assistant Football Coach	20,000
Gentry, Mike	Gentry	Head Strength & Conditioning Coach	20,000
Goforth, Michael	Beamer	Director of Athletic Training	8,685
Hite, Billy	Hite	Associate Head Coach	25,000
Karlin, Lester	Beamer	Equipment Manager	6,251
Mitchell, Terry	Gentry	Assistant Director of Strength & Conditioning	1,500
Newsome, Curtis	Beamer	Assistant Football Coach	20,000
O'Cain, Michael	Beamer	Assistant Football Coach	20,000
Sherman, Kevin	Beamer	Assistant Football Coach	20,000
Short, Keith	Gentry	Coordinator of Strength & Conditioning	3,000
Stinespring, Bryan	Stinespring	Offensive Coordinator	50,000
Weaver, Jim	Weaver	Athletic Director	37,949
Wiles, Charles	Beamer	Assistant Coach	20,000
SUBTOTAL CONTRACTUAL BOWL BONUSES:			400,385

Non-Contractual Bonus	Title	Bonus Amount
McKee, Dave	Band Director	5,000
Petersen, Will	Assistant Band Director	4,000
Smith, Clarence	Assistant Athletics Director, Ticketing Services	2,000
Smith, David	Sports Information Director	2,000
SUBTOTAL NON-CONTRACTUAL BOWL BONUSES:		13,000
TOTAL CHICK-FIL-A BOWL BONUSES:		413,385

**RESOLUTION TO PROVIDE VEHICLE STIPENDS TO
ASSISTANT ATHLETIC DIRECTORS AND OLYMPIC SPORTS' HEAD COACHES**

WHEREAS, as part of their total compensation, the Athletic Department at Virginia Tech proposes to provide an annual vehicle stipend of \$5,000 to each of the "Assistant Athletic Directors" and the "Head Coaches of the Olympic Sports;" and,

WHEREAS, these employees currently do not receive an automobile allowance, nor do they receive an employer provided vehicle or courtesy vehicle; and,

WHEREAS, the proposed vehicle stipend will be funded through the Athletic Department's revenue budget; and,

WHEREAS, payment of these stipends will be as supplemental compensation and will not become part of their base salaries; and,

WHEREAS, payment of these stipends will occur on a semi-annual basis; now,

THEREFORE, BE IT RESOLVED that the Board of Visitors authorizes an annual vehicle stipend of \$5,000 each to the "Assistant Athletic Directors" and the "Head Coaches of the Olympic Sports" in the Athletic Department at Virginia Tech, effective July 1, 2007, and that said stipend will be paid semi-annually through the University payroll system.

RECOMMENDATION: That an annual vehicle stipend of \$5,000 each to the "Assistant Athletic Directors" and the "Head Coaches of the Olympic Sports" be approved, effective July 1, 2007.

March 26, 2007

DISTRIBUTION OF NIKE CONTRACT REVENUE RESOLUTION

WHEREAS, in September 2006, the University entered into an agreement for its Athletic Department with NIKE USA, Inc., which grants to NIKE the status as official supplier and sponsor of athletic footwear, apparel and accessory products of Virginia Tech athletic sports programs; and,

WHEREAS, in consideration of this status, NIKE has agreed to pay cash considerations each fiscal year to the University for a period of eight contract years; and,

WHEREAS, additional cash bonuses will be paid to the University by NIKE in the event the men's and/or women's basketball programs participate in NCAA final tournament play; and,

WHEREAS, the Athletic Department proposes to distribute the NIKE cash consideration revenue as bonus payments to the head coaches of Virginia Tech sports programs; now,

THEREFORE, BE IT RESOLVED that the Board of Visitors approves the cash considerations revenue distribution plan proposed by the Athletic Department, for the fiscal year beginning July 1, 2007, and that these payments will be made as one-time bonus payments to the head coaches as proposed and will be paid through the University payroll system.

RECOMMENDATION: That the NIKE cash considerations revenue distribution proposed by the Athletic Department be approved.

March 26, 2007

NIKE CONTRACT REVENUE DISTRIBUTION PROPOSAL
Virginia Tech Athletic Department

	<u>Contract Revenue Distribution *</u>
Women's Basketball Head Coach	\$ 10,000
Men's Baseball Head Coach	\$ 5,000
Men's and Women's Track/Cross Country Head Coaches	\$ 4,000
Men's and Women's Swimming Head Coaches	\$ 4,000
Women's Lacrosse Head Coach	\$ 3,000
Women's Soccer Head Coach	\$ 3,000
Women's Softball Head Coach	\$ 3,000
Women's Tennis Head Coach	\$ 3,000
Women's Volleyball Head Coach	\$ 3,000
Men's Golf Head Coach	\$ 3,000
Men's Soccer Head Coach	\$ 3,000
Men's Tennis Head Coach	\$ 3,000
Men's Wrestling Head Coach	\$ 3,000
TOTAL DISTRIBUTION:	\$ 50,000

* One-time bonus amounts to be paid on June 1 of the fiscal year.

NIKE CONTRACT REVENUE DISTRIBUTION PROPOSAL
Virginia Tech Athletic Department

	<u>Contract Revenue Distribution</u> *
<u>Men's Basketball Head Coach</u>	
NCAA Sweet 16	\$ 5,000
NCAA Elite 8	\$ 10,000
NCAA Final Four	\$ 25,000
<u>Women's Basketball Head Coach</u>	
NCAA Sweet 16	\$ 5,000
NCAA Final Four	\$ 10,000

* One-time bonus amounts to be paid on June 1 of the fiscal year.

TRACK AND FIELD BONUS RECOMMENDATIONS

The Virginia Tech Women's Track and Field team won the 2007 Atlantic Coast Conference (ACC) Indoor Championship, held on the Clemson University campus on February 24, by defeating second-place Miami with a score of 136-99. This event marked the third ACC Indoor Championship Meet in which the Virginia Tech track and field team has participated. The meet at Clemson University featured four individual champions and twenty-three individual All-ACC performances from the men's and women's teams.

To recognize their efforts and accomplishments on behalf of the Virginia Tech Athletic Department, the university proposes to reward the coaches of the track and field program, as well as volunteer coaches. In accordance with the university's post season play bonus policy, the university proposes that the following bonuses be awarded. These bonuses are one-time awards and do not affect base salaries. Funds for the bonuses are budgeted within the Athletic Department's budget for post-season play.

RECOMMENDATION: That the recommended bonuses for coaches of the track and field program be approved.

March 26, 2007

ACC INDOOR TRACK TEAM CHAMPIONSHIP BONUSES

	<u>Title</u>	<u>Bonus Amount</u>
Cianelli, Dave	Director of Track & Field and Cross Country Coach	\$ 4,000
Jack, Greg	Associate Head Men's Track and Field Coach/Throws Coach	\$ 2,000
Johnson, Lawrence	Sprints, Hurdles and Jumps Coach	\$ 2,000
Thomas, Ben	Head Cross Country/Distance Coach	\$ 2,000
Vidt, Stacey	Assistant Cross Country/Distance Coach	\$ 2,000
Phillips, Robert H.	Volunteer Coach / Pole Vault	\$ 2,000
		<hr/>
		\$ 14,000

March 26, 2007

Remarks made during the BOV Meeting

Kerry J. Redican

President, Faculty Senate of Virginia Tech

March 25, 2006

Thank you Mr. Rector, members of the Board of Visitors, Ladies and Gentlemen

Once again, I'd like to emphasize that we appreciate the opportunity to participate in this level of the governance process and your responsiveness to faculty issues.

A little over three months has passed since the November BOV meetings. During that time the Faculty Senate has met five times, discussed and taken action on a variety of issues. At the August BOV meeting, I spoke about reaching the 60th salary percentile of peer institutions and a dedicated space for a Faculty Club as the two priorities for the 2006-2007 Faculty Senate.

Peer Institutions and the 60th Percentile: Once again, we want to thank you for your work on moving faculty closer toward the 60th salary percentile. We realize reaching this goal is a complex issue. Dwight Shelton visited the Faculty Senate in November and did an excellent job of educating the faculty on the numerous issues and forces affecting determination of percentage of increases in salaries and that

reaching the 60th percentile will not occur overnight. Faculty understand that this is a high priority for the BOV and we are most appreciative.

Faculty Club: Nineteen of our 24 peer institutions have faculty clubs. In addition, six of the 12 ACC schools have faculty clubs and in Virginia, both University of Virginia and James Madison University have faculty clubs. President Steger funded weekly Spring semester "coffee breaks" for faculty in the Torgersen Museum. The receptions have been well-received and faculty appreciate the opportunity to network. The success of these coffee breaks demonstrates not only faculty interest in networking but also in the need for a place to network. We are looking forward to seeing this become a reality at Virginia Tech in the next few years.

The Commission on Faculty Affairs has brought several resolutions to the Faculty Senate. These include Composition of Committees for Promotion and Tenure Evaluation, Annual and Pre-tenure Faculty Evaluations, and Part-Time Appointments for Tenure-Track and Tenured Faculty, and Career Ladder for Instructors. The rationales for these resolutions are rather lengthy so I'll briefly summarize.

Composition of Committees for Promotion and Tenure Evaluation: The rationale behind this resolution is that faculty members should chair both the departmental and college committees and each level of review should be as independent as possible from the others. Some colleges would need to adopt new procedures

during 2008-2009 and college governance bodies would need adequate time to revise their college guidelines and procedures.

Annual and Pre-tenure Faculty Evaluations: Departmental practices differ on the extent and nature of the feedback that is given to faculty members annually and to untenured faculty during their probationary period, including the criteria to be used in determining merit adjustments. Departments are strongly urged to develop and disseminate statements of policies and practices concerning expectations for performance and the process that will be used for annual and pre-tenure evaluations. The end result will be more consistency and transparency in this important process.

Part-Time Appointments for Tenure Track and Tenured Faculty: This new faculty category was developed by the AdvanceVT Policy Work Group in conjunction with the Commission on Faculty Affairs. The context for such a policy is to enhance the ability to recruit and retain excellent faculty and in some instances for balancing work and family needs, such as the arrival or care of a child, elder care, care of a partner, or personal health circumstances that make full time employment difficult. This option would be open to both tenured-track and tenured faculty.

Career Ladder for Instructors: Non-tenure track faculty members fill important roles in departments and as such they are intended to complement the efforts of the tenure track faculty. We feel that as valuable contributors to departmental and

institutional missions they should receive recognition for their accomplishments, more specifically, a career ladder with defined reviews and opportunity for promotion.

Collectively, if the resolutions become a reality, they represent significant changes in the culture of the university. We feel that this change is necessary and will help us to reach our mutual goals.

Finally, it is clear that the faculty work environment is an important issue to each of you. Once again on behalf of the Faculty I'd like to extend our appreciation for your hard, dedicated work on improving the quality of life for faculty. Your actions are noticed by faculty and faculty are very grateful. Thank you.

Staff Senate Constituency Report to Virginia Tech Board of Visitors

March 25, 2007

Jean Brickey Staff Senate President

Rector Lutz, Members of the Board of Visitors, Dr. Steger, administrators and guest. It is my honor and a privilege to talk to you about Virginia Tech's Staff Senate and staff.

At the November Board of Visitors Meeting the Staff Senate Constituent report listed goals for 2006-2007. I would like to update you on these goals

Update on Goals for 2006-2007

- Establish Staff Associations in areas that have been reorganized over the last few years.
 - The Staff Senate in November was working with two areas and we have added one additional area which is the National Capitol Region.
- Assist in informing and involving the Staff and non student wage employees in the policy making for the Higher Education Restructuring Act. The Senate served as a pilot focus group to assist Human Resources in the design of a more extensive focus group process conducted several hundred randomly selected employees and managers. During January the Staff Senate sent out a survey to all non faculty salaried employees to solicit names for the Employee Advisory Committee. The Committee that reviewed these names narrowed a list of almost 100 employees to 20 names which have been forwarded to the Administration for final appointment to this advisory committee. We are pleased to report that there is diverse representation of employees from different levels and types of positions, in supervisory and non-supervisory roles, and from most of our colleges and administrative areas.
- Update the Staff Senate Web pages. The new Staff Senate pages updates are almost complete. We still have some links to complete and some material to update. The page does incorporate the new Virginia Tech logo "Invent the Future." The Staff Senate web page is at www.staffsenate.vt.edu
- Update the Staff Senate Brochure. We are almost ready to send a new Staff Senate Brochure to the printers. This brochure is shared with new employees during orientation and introduces them to opportunities to participate in university governance.
- Work closely with Commission on Staff Policies and Affairs to communicate vital information on issues of importance to staff.

Staff Development

- Staff serve in leadership roles on the Commission for Staff Policies and Affairs, and with several Virginia Tech professional development networks
 - The second Administrative Staff Network Conference, The Magic of Motivation and Morale, was held March 14, 2007, with 150 employees participating in this all day program.
 - The Laboratory Employees Professional Network held two workshops, Digital Imaging Solutions was held Feb. 26, 2007 and RNS Isolation of Difficult Samples was held March 16, 2007. Both of these were attended by approximately 40 people.
- Developed a proposal for a Staff Leadership Award. The Commission is working with Human Resources to develop the criteria for a new award to be implemented next year if approved.

- The Staff Senate has been working on its annual James D. McComas Staff Leadership Seminar. It will be held May 3rd 2007. The theme is Bridging the Generational Gap in the Workplace. For the first time we are inviting two staff leaders from 10 of Virginia's state supported colleges and universities. The response to this invitation has been very favorable and our employees are looking forward to the opportunity to share this professional development opportunity with our colleagues at other institutions of higher education.

Staff Senate Speakers to Date

- Maggie Sloane, Associate Director for Compliance in the Office of Equal Opportunity, spoke with the *Staff Senate about Conflict Resolution techniques, including the university's new mediation program*
- Larry Hincker, Associate Vice President for University Relations, spoke with the Staff Senate about Communications especially emergency communications.
- Bonnie Sutphin, Information Technology Manager for Purchasing, talked to the Staff Senate about HokieMart and how it is changing the purchasing process.
- Dr. Richard Benson Dean of the College of Engineering talked to the Staff Senate about initiatives in the College of Engineering.
- Linda Woodard, Assistant Vice President for Human Resources, has updated the Staff Senate on the Higher Education Restructuring Act and opportunities for staff to be involved in the process.
- Mike Ellerbrock updated the Staff Senate on the Quality Enhancement Plan for SACS.
- Lori Anne Sheppard updated the Staff Senate about the NCAA Compliance Review which is in progress
- Staff Senate elections are being done this week.

I would also like to take this opportunity to share briefly with you about some of the types of work performed by staff at the university. Virginia Tech has approximately 3800 salaried staff. Of these, approximately 500 technical and field staff work in a variety of departments to support instructional labs and research activities in several of our Colleges, University Centers, and Research Institutes, as well as technician roles in Veterinary Medicine. They serve as agricultural specialists, natural resource specialists, health care technologists, lab and research technicians/specialists, and veterinary technicians. Many of these positions require a degree in the related field. Staff in many of these positions are responsible for teaching our students the skills necessary for working and running a research lab. These are the employees who participate in the Laboratory Employee Professional Development Network mentioned above. This network, which is co-sponsored by Human Resources and the office of the Vice President for Research, organizes programs on technical and other work topics, provides opportunities for these employees to meet with university administrators and researchers about Virginia Tech's research agenda, and hosts an annual program of scientific vendor exhibits and workshops. In future meetings, I will share information about other categories of staff and the work that they do.

Virginia Tech's Staff Senate wants to thank you for making us a leader in the state of Virginia in Staff Governance. We have had many other staff governance leaders in other colleges and universities in Virginia contact us to see what we are accomplishing how involved we are in the Universities Governance and for assistance in getting a staff representative on their Board of Visitors. On February 22, 2007, Virginia Commonwealth University followed Virginia Tech by appointing a staff representative to their Board of Visitors. Though many will not see this as a

big area where Virginia Tech has become a leader, for college's and university's staff it is a big step in the Commonwealth of Virginia.

Thank you for giving me the opportunity to again bring you news and updates from the Staff Senate and the staff at Virginia Tech.

Constituency Report: Graduate Student Representative to the Board of Visitors
March 25, 2007

Thank you Rector Lutz, President Steger, members of the board, distinguished guests.

Nikki Giovanni, Virginia Tech's storyteller, sage, and superstar, once said, "It is not who you attend school with but who controls the school you attend." I'm very proud to be sitting in this room today with the Board of Visitors, administrators, faculty, staff, and fellow students because of the positive changes that have been effected within the past four months—changes that I believe illustrate Professor Giovanni's words. Since the board's November meeting, the administration has worked with students to make significant changes to health insurance and environmental policies. In addition, we continue to work together on important issues such as graduate family housing, childcare, and campus climate.

Someone once compared the time it takes to make things happen in higher education to the speed of continental drift. That person obviously hasn't worked with the Executive Vice President's office at Virginia Tech. Thanks to Jim Hyatt, Dwight Shelton, and Fred Weaver, graduate students will have significantly improved health coverage, starting in August. Premium subsidies will increase to 80%, coverage for preventative care will be improved, dental and vision benefits will be enhanced, and upgraded coverage will be offered with a one-year pre-existing condition clause. The ability to upgrade coverage is important because previously, students were not allowed to change their level of maximum coverage once they enrolled—even during open enrollment periods in subsequent years. Now, however, this issue has been resolved. We also anticipate that students will soon be able to purchase extended coverage at their own cost, which could provide students with coverage far in excess of the current \$250,000 maximum.

The most exciting news, however, is that the university has negotiated a contract with Carillion that will now allow graduate and undergraduate students access to Carillion facilities and physicians. This contact directly addresses the problem of specialist coverage. President Steger, Provost McNamee, Mr. Hyatt, and Dean DePauw all worked hard to make this contract happen, as did Mr. Shelton and Mr. Weaver.

In addition to action on health care, Mr. Hyatt's office has focused considerable attention of the issue of sustainability and environmental programs. I will let my colleague, Greg, tell you about the majority of these efforts, but I would like to share with you the web address for a new sustainability website that Mr. Hyatt's group developed at students' request to provide the university community with information about current sustainability efforts and future programs. This address is www.evp.vt.edu/sustainability. Thanks to Mr. Hyatt, Lisa Wilkes, Bill Elvey, and Al Cooper for their responsiveness. Some students who have visited the site have shared their impressions with me. I've heard comments like, "I didn't know Tech was already doing so much environmental work," and "pretty impressive stuff."

With issues of health insurance and sustainability largely solved, graduate students' attention is now focused more directly on graduate family housing and childcare. In the next several weeks, the Center for Survey Research will be conducting focus groups to see what graduate students are looking for in family housing. These groups will, of course, look at cost, but they will also look at amenities, community, policies, location, etc. At the same time, Heidi McCoy, in the EVP's office, Monika Gibson, in the Graduate School, and I will be researching family housing at other universities. Dr. Ed Spencer has been quite helpful in providing us with resources. Once this information has been gathered and analyzed, the university may issue an RFP to local apartment communities and developers regarding possible partnerships. Family housing would add significantly to Virginia Tech's appeal, particularly for non-traditional students.

In addition to family housing, discussions are continuing on graduate student childcare. In particular, students continue to express interest in a co-op facility. University administrators, through the EVP's office, the Provost's office, and human resources have already developed a plan for a traditional childcare facility, which would serve mostly faculty and staff. However, they recognize that graduate students will be unable to pay the \$600-\$700 per month tuition, so they have agreed to investigate the potential for a co-op at the same time that they investigate formal partnerships and policies for the faculty/staff facility. I cannot stress enough the importance of this effort. While a co-op may prove difficult to establish because of state regulations, location, etc., it is not impossible. On the contrary: a co-op model calls for creative thinking and community effort. I urge the administration to commit to the co-op as it has committed to the traditional daycare facility and to avoid pushing the idea too far into the future. Current and potential graduate students (and some undergraduate students) need childcare now.

The university's commitment to diversity and campus climate issues must also be pushed to the forefront. The Task Force on Race and the Institution, which was convened by Provost McNamee, has worked tirelessly to research issues of race and racism on our campus, and they will soon deliver their final recommendations. On behalf of graduate students, I urge this board to support these recommendations by providing resources and person-power to implement them. The Graduate School is also unveiling some truly innovative programs and ideas on diversity at tomorrow's Academic Affairs meeting; however, I will keep them to myself for now in order to allow Dean DePauw the pleasure of presenting her plans, yet I will go ahead and express my admiration for her vision. Dr. James Turner, who chaired the Diversity Think Tank that developed the recommendations, should be commended as well.

In addition to issues of race and ethnic diversity, I have continued looking at graduate women's experiences at Virginia Tech and will be delivering a series of composite case studies to Dean DePauw and Provost McNamee in June. The studies will include positive scenarios and programs that could be modeled in other parts of the university, as well as negative incidents, including gender discrimination. What I hope to present is a range of experiences that will give administrators an idea of graduate women's experiences at this institution.

This week, the university is celebrating the 7th annual Graduate Education Week. The festivities started on Friday night, with a Gala hosted by the Graduate Student Assembly, featuring dinner and dancing. On Monday (tomorrow), the Graduate School will host a student appreciation luncheon, and the rest of the week will include a variety of social, academic, and informational events. If you have an opportunity while you're in town, I encourage you to stop by the GLC to see the entries for the photography and art competition that is being held as part of the Graduate Education Week festivities. As usual, Dean DePauw and Graduate School faculty and staff have worked hard to show graduate students that we are valued and supported.

One of the biggest events of the week will be the Graduate Student Assembly's Research Symposium, which will feature lectures, readings, and poster presentations by Virginia Tech graduate students about their research and scholarship. To give you a taste of the symposium, I'd like to read a few of the lecture titles. You'll see that they represent the breadth of the universities graduate offerings:

1. Investigation of Subsonic Tandem Compressor Blades (Jonathan McGlumphy, Mechanical Engineering)
2. The Invisibility of Race: Whiteness in America (Meredith Katz, Sociology)
3. Factors Effecting Brook Trout Condition and Survival in Southwestern Virginia streams (Mike Duncan, Fisheries and Wildlife Science)
4. On the Sustainability of Tacit Price Collusion under Multi-Regime Product Differentiation (Andre Crawford, Economics)

Those are just a few examples of the presentations, as well as of the important work being done by our graduate students. Many of us, myself included, are working night and day to finish our theses and dissertations for spring and summer graduations. Graduate Education Week, however, provides us an opportunity to stop for a few minutes to reflect on the importance of community and to recognize our accomplishments.

That being said, I'd like to revisit Nikki Giovanni's words: "It's not who you attend school with but who controls the school you attend." I'd like to say a special word of thanks to the administration and this board for allowing students to share some of the control over Virginia Tech's policies, programs, and broader vision.

Thank you.

Ennis McCreary
444 Shanks Hall
Virginia Tech
Blacksburg, VA 24060
ennis@vt.edu

Constituency Report by the Undergraduate Student Representative to the Virginia Tech Board of Visitors

March 25, 2007

Handouts: None

Introduction

Thank you Rector Lutz, President Steger, members of the board, ladies and gentlemen...

I would like to begin by recognizing a group of students who embody the universities motto, *ut prosim*. From there I'll pick up where I left off in November, when I described a situation where Tech was talking the talk when it came to environmental sustainability, but falling way short of walking the walk, on our own campus. I ended my last report by asking Tech's administration to invent a future we would all like to inherit, and later in my report, it's time to give a great deal of credit to the people who have made that happen. After that, I'll conclude with a report on the state of academic advising at Virginia Tech.

Activities

We've had our first few nice days in Blacksburg and the drill-field is brimming with students playing soccer, studying, and catching some sun. While most students were off having some fun in the sun over spring break, members of the Tau Beta Pi engineering honor society were on their fifth trip to the Mississippi Gulf Coast, to help in the recovery efforts, still underway. All in all, over 230 Tech students have spent time serving what seem to be forgotten communities affected by Hurricane Katrina. On this trip, led by Ingrid Ngai, 46 students worked day and night to construct fully-plumbed, portable restroom facilities, demolish condemned homes, salvage personal items from apartment complexes, waterproof the outside of homes, partake in debris cleanup, landscaping, and many other smaller projects. Last spring break, the students built a volunteer camp so others could come to the area and volunteer their services throughout the year. The complex can house 40 people at any given time, a monumental task given that Tech students constructed it in only a week; this years students found it fully operational and in great shape a full year after they built it.

The tremendous amount of organizing, fundraising, and time invested by the students who organized these trips is truly inspirational. Their service stands as a stark reminder of what being a Hokie, is all about, i.e., *ut prosim*. In a more just world, the roar of Lane Stadium at the conclusion of "enter sandman" would be for the entrance of Cengiz Akinli, Brad Lotocki, Meryl Greenblatt, Ebony Stephenson, Ingrid Ngai, and Thomas Quattlebaum, but these students' personal, emotional, and yes, financial sacrifice--many of them do pay a significant amount of their own money-- is a true testament to Tech's motto. They're planning another trip for the week following graduation.

Issues

Environmental Issues

Not only did President Steger's leadership team move a freight train as quickly as if it were a luggage cart, they did it without assessing a single student fee. How did they do this? Executive Vice President Jim Hyatt's Innovative Solutions Fund, designed to encourage campus efficiency of any type, employed funds to cover the initial cost of energy efficiency projects across campus. The savings accrued from the saved-energy will pay back the initial cost over time, with payback periods between two and five years. Examples of these projects are the installation of occupancy light sensors in heavily used classrooms and teaching labs to lower both energy and maintenance costs, and retrofitting light fixtures in Whittemore Hall, with energy efficient lamps and ballasts that decrease energy usage, and improve lighting levels. Many of these projects are expected to save Tech around 20,000 dollars per year, per building.

Additionally, Vice President Dwight Shelton created an annual loan fund that provides, and possibly exceeds the amount of money that the proposed student fee would have generated. The fee would have started next fall, but due to the quick action of EVP Hyatt and VP Shelton, the energy efficiency programs were started immediately, i.e., a year early. Their combined effort, along with Assistant Vice President for Facilities, Bill Elvey, should receive particular attention. The proposed fee is no longer on the table since the internal funding mechanisms are working well. Students diagnosed a problem, and Tech's leadership team got the job done exceptionally well. This is an example of shared governance at its best--something Virginia Tech, should be very proud of.

To ensure that efforts are ongoing and the benefits of shared governance are realized, an Energy and Sustainability Committee within the University Governance System has been created. It will be housed under the Commission on University Support, and I have high hopes that the chair of that committee will invite a number of students, both graduate and undergraduate, to participate. The committee will be charged with, among others tasks, oversight of the ongoing sustainability efforts.

Due to the importance of the sustainability efforts--both to Virginians and VA Tech--as outlined in the strategic plan--the Finance and Audit Committee will consider, tomorrow, a proposal to have the administration report Tech's efforts and accomplishments to the BOV, on an annual basis. This was a request of student leadership, and I hope that the Board accepts and approves the reporting requirement.

In addition to the energy-efficient lights, light-sensors, and reinstatement of the recycling program, Tech has already begun retrofitting its boilers, which will remove about 98% of the pollution currently emitted (Esposito). Another project already undertaken will save us one million dollars per year, and make Tech more energy efficient by retrofitting the steam lines on campus. New buildings will be LEED certifiable--a nationally accepted benchmark for the design, construction, and operation of high performance green buildings--and Henderson Hall will be LEED-certified after its renovation is complete.

To compile Tech's ongoing efforts, EVP Hyatt created a website that serves as a showcase of everything Tech is undertaking to become a leader in energy efficient research, and now, *practice* on our own campus. Again, the efforts of EVP Hyatt, VP Shelton, and Assistant Vice President for Facilities, Bill Elvey, should be applauded.

Academic Advising

As I engage my peers in both formal and informal meetings, academic advising continues to be the most pressing issue to the majority of students to whom I speak. While I was lucky enough to be part of the 7% of students that benefit from the superior advising and opportunities of the University Honors Program, the fact remains that for the vast majority of students, academic advising simply does not exist. These are the students' words, not my own. It is no secret that decreased funding from the state has forced Virginia Tech to look elsewhere for funding, which results in increased pressure on the faculty to perform additional research. While I understand the necessity for Tech to garner necessary resources, we must not be blind of the enormous cost to the undergraduates. The effect of an increased research load on faculty and their performance in the classroom can be debated, but the cost of an increased research load on undergraduate advising is clear, and that cost is great.

Not a day passes by that I do not hear about departments that mislead students in ways that cost them a vast amount of time, money, and frustration; I hear about departments that put restrictions on courses that make it all but impossible to graduate in four years, and in my own department, political science advises close to 1,000 students with two part-time advisors, a number that was increased from one to two only last year. Both of these advisors have regular research and teaching loads on top of their advising duties. In my estimation this is not a matter of lazy faculty, but an antiquated system of advising that seriously lacks human, financial and intellectual resources.

Many of you have come to know me as a student. I came here as a first-generation college student, and will leave as a Phi Beta Kappa, top-40 student in the nation according to *USA Today*, and Virginia Tech's Man of the Year. While the Hokie Nation in its entirety has provided me with the world class opportunities to make these great honors possible, none of my success at Tech would have been possible without the outstanding advising of the University Honors Program, under the direction of Dr. Jack Dudley. The advising question is clear: how do we expand the Honor's model to *all* students? Again, I cannot stress the importance of academic advising enough. Advising is not about making life easier for students who do not engage their education, it is, however, about making connections and providing the right answers. At a large land-grant institution like Tech, young students need a human connection. The internet cannot provide this, but good academic advising can. I am of the opinion that advising at Tech is *the* missing link to a world class undergraduate education.

Fortunately, Provost McNamee recognized the dearth of advising and put Assistant Provost Susanna Rinehart, someone you are all intimately familiar with as the previous Faculty Rep to the BOV, at the helm. To be sure, she is captaining a ship already lost at

sea--something she is in no way personally responsible for. I have met with Professor Rinehart numerous times and have the utmost confidence in her; this is echoed by her students and evidenced by the numerous teaching awards bestowed upon her in her short tenure here at Tech. Despite being in her new position for a very brief period of time, Professor Rinehart--more so than anyone else--has demonstrated an enormous capacity to devote both time and energy to the dire advising situation. In regards to her engagement with students, Professor Rinehart goes above and beyond what I have seen in my four years at Tech. This is imperative when evaluating advising programs, as they might look great on paper, but accomplish nothing in reality. Despite her full-time teaching load and responsibilities as an Assistant Provost, Professor Rinehart is consistently involved on the front lines well after 5PM, meeting with student organizations, focus groups, and individual students. This is exactly what we, the undergraduate population, desperately need. This is particularly true for underrepresented students, historically marginalized populations, and first-generation college students, like me. The Board is already aware of how Tech struggles with recruitment and retention of certain students, and the research shows that a stellar advising program is imperative in this regard. Academic advising is undoubtedly a significant problem that merits full-time attention from multiple people, but we have confidence that Professor Rinehart, if empowered with the proper resources and freedom, will get the job done.

Conclusion

In conclusion, I would like to commend President Steger, Mr. Thompson, EVP Hyatt, and VP Shelton, for their quick and decisive action in taking proactive steps to make our campus more sustainable and energy efficient. Their action has not gone unnoticed by the student population. While undergraduate advising is in dire need of repair, the students have the utmost confidence in the newly-appointed Assistant Provost Susanna Rinehart. The steps she has already taken are most impressive, and we look forward to feeling the impact on the ground in years to come. At our June meeting, I'll update each of you on the progress made by Assistant Provost Rinehart, and provide an update on campus climate and community--as many students are anxiously awaiting the final report of the Task Force on Race and the Institution.

I look forward to speaking with each of you tonight at dinner. Thank you.

Gregory J. Sagstetter
Undergraduate Representative to the Board of Visitors
Virginia Polytechnic Institute and State University
1103 Patrick Henry Drive, APT. D
Blacksburg, VA 24060