

SPECTRUM

Virginia Tech
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

TODAY'S EDITION

See page 2 for
information on
campus activities.

VOLUME 21 NUMBER 23 THURSDAY, MARCH 4, 1999

Commandant announces retirement

By Richard Lovegrove

Retired Air Force Major General Stanton R. Musser, the longest serving commandant in the history of the Virginia Tech Corps of Cadets and one of the most decorated



MUSSER

general officers in the United States, has announced that he is retiring as leader of the Corps effective at the end of the school year.

Musser, who is credited with leading a resurgence in corps membership and with completely revamping corps training methods during his 10 years at Tech, stunned 700 student cadets with his announcement at a meeting Thursday night. The cadets gave Musser a standing ovation.

"That wasn't the reaction I expected at all. It was a very emotional experience for me," Musser said. "After 41 years in a blue uniform, it's time to quit and go do some things my wife and I want to do, otherwise I'd stay here forever. You couldn't find a finer place in the world to work."

Musser cited his health as one of the primary reasons for the retirement. His health problems are not life-threatening. He and his wife, Dawn, are considering buying a motor home and traveling west to visit their three children and six grandsons. "It's time to smell the roses," said Musser, who will maintain a home in Blacksburg.

"We are sorry to accept the retirement of General Stan Musser, for he truly exemplifies a modern leader," said Tech President Paul Torgersen. "Without doubt, the Virginia Tech Corps of Cadets has grown and improved because of his sterling efforts. He is a fine man and a class act. He will be sorely missed."

Henry Dekker, chairman of the Virginia Tech Corps of Cadets Alumni (VTCCA) and former rector of the Board of Visitors, said Musser's successor will be hard-pressed to match Musser's accomplishments. "The Corps of Cadets, the VTCCA board, all corps alumni, and the university will be eternally grateful for the conspicuous and dedicated service of Major General Stanton R. Musser and Mrs. Dawn Musser," Dekker said. "His acceptance of the position as commandant of cadets was the major impetus toward the revitalization of the corps. The VTCCA was the by-product of his and the administration's efforts in the revitalization process."

Shortly after Musser arrived at Tech in 1989 following a sterling 31-year career in the Air Force, membership in the corps dropped to a low of 330. Musser met with some influential alumni and then with the university's administration in an effort to revitalize the group. That led to formation of the VTCCA, which has since raised more
(See MUSSER on 4)

State budget includes raises, tuition reduction

By Ralph Byers

The 1999 General Assembly passed budget amendments which include pay raises of 6.25 percent for classified employees and 5.8 percent for faculty. The General Assembly also approved a 20 percent tuition reduction for in-state undergraduates. Having allocated nearly \$1 billion in surplus revenues for the biennium, the General Assembly adjourned on Saturday, Feb. 27. Other major budget initiatives included funding for mental health and public schools, pay increases for public school teachers, and a phased-in reduction of the sales tax on food. The tuition reduction was recommended by Governor Gilmore and approved by the General Assembly.

Under the new budget classified employees will receive an increase of 6.25 percent for 1999-2000, to be implemented as follows. In order to bring public employees' salaries more in line with those of the private sector, each grade within the Classified Compensation Plan will be increased by 4.0 percent on November 25, 1999, and the base salary for those employees will be increased by 4.0 percent. In addition, the base salary of employees who receive a rating of "meets expectations" or higher on their most

recent performance evaluation will be increased by one step (2.25 percent), also on November 25. As previously noted, Virginia Tech faculty are scheduled for a 5.8 percent average salary increase on November 25; this should bring university faculty to the sixtieth percentile of our peer group.

The budget approved by the General Assembly includes \$140.9 million in additional operating support for higher education, more than half of which (\$75.4 million) is allocated for tuition reduction. Another \$3.2 million was appropriated for student financial assistance, of which Tech's share is \$759,288. The budget also provides \$48.0 million in operating funds for such items as information technology, facilities maintenance, and reduction of class sizes in high demand programs. Capital outlay received \$56.7 million, including \$9.5 million to address deferred maintenance items at colleges and universities.

A number of operating amendments for Tech were added to the budget by the General Assembly. The largest amendment was \$1.04 million to address critical operating needs, including learning assistance required for

disabled students, compliance with environmental health and safety mandates, and the purchase of library materials. Another amendment provides \$997,528 to address enrollment growth in high-demand fields such as computer science, computer engineering, and electrical engineering. These funds will also support graduate program growth in Northern Virginia and support growth in distance learning courses in technology.

Other operating amendments for the University Division included \$526,230 for operation and maintenance of facilities, as well as \$85,000 for the Arboretum and Horticulture Gardens, which includes \$50,000 for planning and \$35,000 for one position to staff the gardens. Research into alternative uses for tobacco received \$100,000 to augment funds provided in last year's budget. An additional \$100,000 was provided for scholarships, internships, and graduate assistantships for Virginia Tech and Virginia State students from underrepresented groups, to be administered by the College of
(See STATE on 4)

CTR to develop traveler information system

By Susan Trulove

The Virginia Tech Center for Transportation Research (CTR), in partnership with SHENTEL Service Co., has been selected to lead the development of a comprehensive advanced traveler information system (ATIS) for the Shenandoah Valley region of Virginia, and then to expand that model statewide. Support for the initiative, valued at more than \$900,000, is being provided by the Virginia Department of Transportation (VDOT), the Virginia Tourism Corporation (VTC), SHENTEL Service Co. and the Virginia Intelligent Transportation Systems Implementation Center.

The Shenandoah ATIS, called "Travel Shenandoah," will be an integrated traveler information service, providing comprehensive, timely, accurate, and useful information on traffic and travel conditions, traveler services, tourist destinations, and emergency services to travelers, potential travelers and those serving travelers in the corridor, explains project co-director Aaron Schroeder, a researcher with the Cen-

ter for Transportation Research.

VDOT and the State Police will be able to use Travel Shenandoah to help manage I-81 traffic incidents, including disruptions from construction as I-81 is widened.

Potential information delivery mechanisms include the Internet, kiosks, cellular phones, PCS/digital wireless phones, pagers, changeable roadside advisory signs, radio, and cable TV, says Schroeder.

"We are very excited about this project here [at VDOT]," says J.R. Robinson, VDOT's director of Intelligent Transportation Systems. "Travel Shenandoah represents the most comprehensive effort to date in this country, I think, to provide traffic and traveler services information in a mostly rural area. It also supports VDOT's efforts to work more with the private sector to bring better services to the citizens of Virginia," says Robinson.

Travel Shenandoah is as a public-private partnership that includes VDOT, VTC, the CTR,

the Lord Fairfax Planning District Commission, SHENTEL Service Company and its affiliates (providing telephone, cable, wireless, internet and pager services), the Shenandoah National Park, and the Shenandoah Valley Travel Association. This public-private partnership structure will serve as a model for future regional participants across the rest of the commonwealth, says Schroeder.

"Travel Virginia," the broader, statewide project being led by the Center for Transportation Research, calls for the development of a network of regional partnerships, structured in a similar fashion to Travel Shenandoah, across the commonwealth.

"We are really enthusiastic about this project, which has the potential to further enhance the commonwealth's reputation as a world-class tourism destination," says Gayle Morgan Vail, interim president of the Virginia Tourism Corporation.

The primary responsibilities of Virginia Tech's research center include facilitating the partnerships that need to be established to make Travel Shenandoah and Travel Virginia a success, and to design and build a "traveler information clearinghouse" upon which these systems will draw. The clearinghouse will draw data from VDOT, the Virginia State Police, the Virginia Tourism Corporation, the Shenandoah Valley Travel Association, the Shenandoah National Park, and other sources. "This data will be processed, integrated and stored in the clearinghouse to provide a 'one-stop,' easy access point for all travel-related information in the project area," says Schroeder.

The primary responsibility of SHENTEL
(See CTR on 4)

University focuses on Greater China

For the first time at Virginia Tech, a campus-wide focus is being directed to one culture of the world. During the spring semester of 1999, students and faculty are being introduced in a variety of ways to Greater China, including the People's Republic of China and Taiwan. Activities include a series of articles in the *Collegiate Times*, a research contest from which the best student white papers will be published, posters teaching a few words and Chinese characters, an art and antiques exhibit, and speakers from the Embassy of the People's Republic of China and the office of the Taipei economic and cultural representative.

Virginia Tech and the University Office of

International Programs have launched the program in order to draw student, faculty, and staff attention to international cultures and developments around the world. If this pilot semester proves successful, the program will continue with a new country of focus each year.

A special contest has increased student involvement in the program while making a contribution to the curriculum. Students have been asked to conduct research on an aspect of China as it relates to their area of study. The best of these student white papers will be compiled into a publication that will be available to faculty.

(See UNIVERSITY on 4)

ACTIVITIES

EVENTS

Thursday, 4

YMCA Slide Show, noon, Cranwell Center: "Iceland by Jeep: Two Teens and Three Long Days," by Andy Roberts.

Student Recital, 8 p.m., Squires Recital Salon: Steve Oberheu.

TAUT Mainstage Production, 8 p.m., Squires Haymarket Theatre: *Into the Woods*.

Friday, 5

OWF Coffee Hour, 8-9 a.m., Easy Chair, University Mall.

International Club Coffee Hour, 5 p.m., Cranwell Center: "A Brief History of Wine: Mesopotamia to Modern Virginia," by John Boyer.

Student Recital, 8 p.m., Squires Recital Salon: Scott Elliot.

Saturday, 6

Spring Break Begins.

Sunday, 7

YMCA Hike, 1:30 p.m., meet in parking lot 403 Washington. St.: Scout Trail Loop.

Wednesday, 10

"With Good Reason," 7 p.m., WVTF.

Saturday, 13

YMCA Hike, 10 a.m., meet in parking lot 403 Washington. St.: McAfee Knob.

Sunday, 14

Spring Break Ends.

Monday, 15

STS, 4-5:30 p.m., 132 Lane: "Public Understanding of Science and 'Expert' Models: A Case-Study Analysis," by Steve Yearley, York.

Tuesday, 16

Salary and Wage Paydate.

Multicultural Program, 12:30 p.m., Squires Multi-Cultural Center: "Organizing for the Lesbian Rights Summit," by Patricia Ireland.

VTOnline Workshop, 502 Major Williams: "Issues in Online Education at Virginia Tech."

Faculty Senate Meeting, 7 p.m., 32 Pamplin.

Wednesday, 17

"With Good Reason," 7 p.m., WVTF.

VTU Program, 7:30 p.m., Burruss Auditorium: *Grease!*

Multicultural Program, 3 p.m., Squires Multi-Cultural Center: "Feminism and Black Women." Open Discussion.

Staff Senate Meeting, 5:30 p.m., 1810 Litton Reaves.

SEMINARS

Thursday, 4

Entomology, 4 p.m., 220 Price: "Adventures of a Consulting Entomologist in British Columbia: A Bite of Reality," by Daniel Miller, U.S. Forest Service.

Geological Sciences, 4 p.m., 2044 Derring: "Use of

Metaphors in Teaching Geology," by Susan Eriksson.

Friday, 5

Highlands in Chemistry, 11 a.m., 3 Davidson: "New Substrates for Biological Cell Growth: Electroactive Polymers and Gold and Carbon Fibers," by Gary Wnek, VCU.

Monday, 15

Economics, 3:30-5 p.m., 3001 Pamplin: "Exclusive Dealing Clauses Facilitate Entry," by Martin Peitz, Alicante.

CSES, 4 p.m., 232 Smyth: "Use of Urea Formaldehyde Foam as a Soil Amendment and Peat Substitute in Greenhouse Potting Media," by Mike Beck and Lee Daniels.

Horticulture, 4-5 p.m., 409 Saunders: "association of Nitrogen Nutrition and Late-season Bunch Stem Necrosis In Cabernet Sauvignon Grapevines," by Eric Capps.

Science/Technology Studies, 4-5:30 p.m., 132 Lane: "Public Understanding of Science and 'Expert' Models: A Case Study Analysis," by Steve Yearley, York.

Wednesday, 17

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: "Modeling and Simulation of Ceramic Composite Materials Manufacturing Processes," by S. Adjerid.

Thursday, 18

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: "Pulse Scattering by Foliage on a Rough Surface," by Brad Davis.

Entomology, 4 p.m., 220 Price: "TBA

Homecoming date moved

Virginia Tech President Paul Torgersen announced his decision to move Homecoming '99 from Saturday, Sept. 11, to Saturday, Oct. 16, to avoid conflict with the Jewish holiday Rosh Hashanah.

In addition, Dr. Torgersen had concerns that such an early date would severely hamper the student community and bands in their ability to prepare for the event.

The change means the game will be moved from the second home game, with the University of Alabama-Birmingham as the opponent, to the fourth home date, when Big East rival Syracuse is scheduled.

Philosophy Conference examines Wittgenstein

The Virginia Tech Philosophy Department's 1999 annual Spring Conference will look at "Wittgenstein: Biography and Philosophy," the relationship between Wittgenstein's life and his work. Ludwig Wittgenstein (1889-1951) was perhaps the most influential philosopher of the Twentieth Century.

The conference will be held in the Donaldson Brown Hotel and Conference Center. Registration for the conference on-line is offered at <https://www.conted.vt.edu/biophilo.htm>. Note that the URL begins with https, which means it is a secure site. Conference registration is free for all Virginia Tech faculty and students. Registration for the banquet is \$20. This conference is organized and funded by the Philosophy Department, with financial assistance from the Matchette Foundation, College of Arts and Sciences, College of Architecture, College of Engineering, Department of English, Department of Psychology, Center for Programs in the Humanities, Center for the Study of Science in Society, Department of Civil Engineering, and the Department of History. For further information contact Jim Klagege, jklagege@bev.net or 1-8487.

Starbucks designer to speak

Wright Massey, the man who led the team that developed and implemented the "visual design language" used by Starbucks Coffee Co., will speak at Virginia Tech.

Massey, the former vice president of design for Starbucks, will discuss "Building a Visual-Brand Language—Starbucks" March 19, at 7 p.m. in the Donaldson Brown auditorium.

An architect himself, Massey lead a design team of architects, writers, and interior, graphic, industrial, lighting, an stage-set designers from all over the world to accomplish the Starbucks feat. He has 15 years' experience in themed, architectural, and graphic design for brand marketing and has managed approximately \$400 million in retail/restaurant design and construction, including 900 Starbucks stores and 70 Disney stores. He has designed and managed approximately 40 hospitality projects in the United States and abroad, including

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those for Disney, Ritz Carlton, Sheraton, Westin, Hilton, and Anheuser Busch.

Massey has received awards for his designs and was featured in a Duke University business school case study in marketing. He serves as a guest speaker for numerous design and construction conferences.

Massey's visit is part of a series of lectures dealing with design and aging that is part of an interdisciplinary course exploring a nursing home as "a human circumstance and place of engagement" instead of just a physical location. The lectures are sponsored by the Design Consortium Honor Studio faculty at Virginia Tech.

The Design Consortium, a university-wide, intracollegiate organization of faculty representing design programs across campus, includes the disciplines of apparel design, architecture, art and art history, industrial design, interior design, landscape architecture, and theatre arts.

For information about these lectures, call 1-2763

Alumna to speak on women's support

The message from a survey of participants involved in the University of Wisconsin's Women in Science and Engineering Residential Program (WISE-RP), according to Caitilyn Allen, director of the program, is that too many women entering science and engineering educational programs feel they are different. Bringing them together into a common residential hall where they can interact and support each other can eliminate that feeling and even help them excel.

Allen, who earned her Ph.D. from Virginia Tech's Department of Plant Pathology, Physiology and Weed Science in 1987, will report on the success of WISE-RP here March 18. Her seminar, "Fostering Young Women Scientists and Engineers with a Residential Learning Community," is part of the Women and Minority Artists and Scholars Series.

The seminar is scheduled for 4 p.m. in the Fralin Hall auditorium. A reception in the Fralin atrium will follow the seminar.

"To an enormous extent, the success of our program derived from the students themselves," Allen said. "We just put them together and they made it work. We set the stage where they could interact. They established study groups, they supported each other, and they really worked together."

WISE-RP created a dormitory dedicated to women students in science and engineering majors. Its purpose, Allen said, was to address the disproportionate loss of women from those majors in the first two years of college.

The first group of students to participate in the program will graduate this spring. Allen said one took time off to watch a rocket

at Cape Canaveral launch her experiment into space. Another, she said, helped discover a new antibiotic.

"This has been an extraordinary group of undergraduate students," Allen said. "I like to think this program helped them step further than maybe they would have otherwise, and they seem to think so, too."

The success of the program can be replicated, because the success is largely attributable to the students, she said.

Her visit is sponsored by Virginia Tech's Women and Minority Artists and Scholars Series, the Department of Plant Pathology, Physiology and Weed Science, the Department of Biology, the CEUT, the Women's Center, and Residential and Dining Programs.

OWF announces coffee hour

The Organization of Women Faculty Coffee Hour will be from 8-9 a.m. Friday, March 5, at The Easy Chair in University Mall.

The Organization of Women Faculty is a group of women in academic and administrative faculty positions at Virginia Tech. The monthly first Friday coffee hour is a time to network informally and get to know each other. All women faculty are welcome. Please contact Tamara Kennelly, 1-9214, for further information."

Bloodmobile/food drive at McBryde next week

The College of Arts and Sciences Staff Association (CASSA) is sponsoring a Red Cross Blood Drive Tuesday, March 9, 8:30-10:45a.m. and 12:30-3:15 p.m.

The bloodmobile will be parked at McBryde Hall, across from the Performing Arts Building. For an appointment, call 1-8972. Walk-ins are welcome, but there may be a wait.

In addition to the blood drive, CASSA is conducting a food drive to benefit the Interfaith Food Pantry. "Please bring a non-perishable food item or items when you come to donate blood," said Vickie Carroll, CASSA chairman. "If you can't donate blood, just bring food for the food pantry!" A pick-up truck will be parked near the bloodmobile for collection of food donations.

Refreshments will be provided for blood donors, and both blood and food drive donors may register for door prizes. "We encourage everyone in the university community to participate in these community service activities," Carroll said.

Women's Center seeks nominations for awards

This spring the Women's Center at Virginia Tech will make four awards in recognition of leadership in supporting our mission to promote a Virginia Tech community that is safe, equitable, and supportive for women and that celebrates their experiences, achievements and diversity. These awards are: the Women's Center Faculty Woman of the Year, the

Women's Center Staff Woman of the Year, the Women's Center Community Woman of the Year, and the Women's Center Student Activist of the Year.

The nominee must: Be a woman from the faculty or staff of Virginia Tech, an undergraduate or graduate student, or a member of the community; demonstrate leadership as an activist for women's concerns; and contribute to the Women's Center mission and to the continued development of Virginia Tech's women's communities.

The award recipients will be determined by a committee with representatives from the Women's Center, Virginia Tech Staff, and last year's award recipients. Please submit nominations to Penny Burge (The Women's Center at Virginia Tech, Price House, Blacksburg, VA 24061-0270) by March 9. Nominations should include a one-page letter explaining how the nominee exemplifies the criteria for the award and any additional support materials you wish to provide. Staff of the Women's Center are ineligible for the award. Self-nominations will be accepted.

Business college scholarships for staff available

Two Lt. Colonel William A. Trice Scholarships are available to classified staff who have been Virginia residents for at least 18 years and are enrolled in a degree program in the Pamplin College of Business, graduate or undergraduate. Each scholarship includes reimbursement of up to \$550 for

tuition, fees, and books. Generally recipients have had at least a 3.4 overall average. Anyone meeting these criteria can send a resume and letter of application to Pamplin Awards Committee, c/o Dean Spencer, 1046 Pamplin Hall. These materials should be received by noon on Monday, March 15. Announcement of the recipient will be made by April 1, and the presentation will be made at the annual college awards banquet, Sunday, April 25.

Lecture-recital focuses on Florence Price

Althea Waites, acclaimed pianist, will give a lecture-recital on the music of Florence Price and other African-American composers. The lecture-recital will take place Wednesday, March 17, at 7 p.m. in the Squires Recital Salon.

The program will focus on Price, who passed away in 1953. Among Price's many accomplishments are a symphony performed by the Chicago Symphony, orchestrated arrangements for the WGN radio orchestra, and music composition for the United States Marine Corps Band. She wrote many songs for legendary singer Marian Anderson as well.

Admission is free for the lecture-recital. For further information call 1-5200.

Civil War concert announced

As part of the Civil War Weekend, The Virginia Tech Alumni Association and Department of Continuing Education

present a Civil War Concert, open to the public March 13, at 7:30 p.m. in the Donaldson-Brown Hotel and Conference Center.

James I. Robertson, professor of History, and Richard C. Cole, associate professor of Music, will direct this musical story of the Civil War.

Advance reservations are strongly recommended for limited number of tickets by calling the Division of Continuing Education, 1-2922 or 1-9617. Tickets are \$5 available at the door.

Visiting Trombonist to perform

On March 16, the Department of Music will present guest artist Don Lucas from Texas Tech University. He will be performing trombone music with piano accompaniment.

Lucas, a Virginia native, is an assistant professor of Music at Texas Tech University.

The performance will be in the Squires Recital Salon. It begins at 8 p.m. Admission is \$5. There also will be a performance by the Texas Tech Graduate Student Trombone Quartet in the Squires Recital Salon at the 2 p.m. student convocation March 16. For more information about these performances please call the Squires Ticket office at 1-5615.

EMPLOYMENT

CLASSIFIED POSITIONS

The following classified positions are currently available. More details of these positions, specific application procedures and position-closing dates may be found on the Personnel Services web site at <http://www.ps.vt.edu>. Available positions are also listed on the Job Line, a 24-hour recorded message service: Office/Clerical: 1-6196; Technical/Research: 1-6160; Service/Trades: 1-6176; Professional and Managerial: 1-4649; Information Technology: 1-2233. Some of the following positions include state benefits. Positions with numbers beginning with a "W" are hourly and do not include state benefits. Comments about this shortened listing should be made to perserv@vt.edu or by calling 1-5301 or 1-6258 for persons with hearing impairments. Individuals with disabilities desiring assistance or accommodation in the application process should call by the application deadline.

To better serve applicants, the closing date for advertised positions has been changed to 1 p.m. Monday unless otherwise stated. An EO/AA employer committed to diversity.

Full Time

Administrative Liaison, 2325D, Gr: 8,

Communications Network Services

Banquet Supervisor (FPWA), 7424G, Gr: 3, Donaldson Brown Hotel & Conference Center
Executive Secretary, 2226D, Gr: 6, University Development

Food Operations Manager A/Sous Chef, 7266H, Gr: 8, Residential and Dining Programs/Dietrick Dining Hall

Food Operations Manager B/Executive Chef, 0029H, Gr: 10, Residential and Dining Programs/Owens Dining Center

Food Production Worker A (2nd Cook), W022480H, Gr: 3, Residential and Dining Programs/Owens Dining Center

Housekeeping Worker, 887P, Gr: 1, Physical Plant

Housekeeping Worker, 7261G, Gr: 1, Recreational Sports

Housekeeping Worker, 1076H, Gr: 1, Residential and Dining Programs

Housekeeping Worker, 1175G, Gr: 1, University Unions & Student Activities

Installation And Repair Tech. Senior, 7288D, Gr: 10, Video/Broadcast Services

Instructional Technology Systems Manager, 2122D, Gr: 16, Educational Technologies

Laboratory Specialist Advanced, 6375M, Gr: 11, Food Science and Technology

Laboratory Specialist, 7375M, Gr: 8, Biochemistry

Laboratory Specialist, 7429M, Gr: 8, Biochemistry

Laboratory Specialist, Physiology and Weed Science, Gr: 7428M, Plant Pathology

Locksmith, 218P, Gr: 6, Physical Plant

Motor Vehicle Operator A, 2862P, Gr: 2, Physical Plant/Grounds/Hauling

Office Services Specialist, 6751G, Gr: 5, University Honors Program

Power Plant Mechanic, 2219P, Gr: 7, Power Plant

Program Support Technician Senior, 2373M, Gr: 7, College of Veterinary Medicine

Programmer, 6772D, Gr: 10, Administrative Information Systems

Programmer, 7405D, Gr: 10, Administrative Information Systems

Programmer, 7289M, Gr: 10, Animal and Poultry Sciences

Programmer/Analyst, 6824D, Gr: 12, Administrative Information Systems

Programmer/Analyst, 7246D, Gr: 12, Information Systems

Public Relations Assistant Specialist, 7203M, Gr: 8, Entomology

Receptionist, 010782, Gr: , Administrative Information Systems (IRM)

Research Specialist Senior, 7247M, Gr: 9, Entomology

Senior Programmer/analyst, 7328D, Gr: 14, Administrative Information Systems

Part Time

Animal Care Technician A, W022155M, Gr: 3, Veterinary Teaching Hospital

Electronic Technician Senior, W022588J, Gr: 10, Engineering Science & Mechanics

Enrollment Svcs Assistant (Academic Adviser), W022613T, Gr: 7, Computer Science

Fiscal Assistant, W022627P, Gr: 5, Controller's Office

Fiscal Assistant, W022628P, Gr: 5, Controller's Office

Fiscal Technician, W020810M, Gr: 6, Veterinary Teaching Hospital

Food Operations Assistant (Dishwasher), W022603G, Gr: 1, Donaldson Brown Hotel & Conference Center

Get Connected Technician, W022615D,

Gr: 6, Administrative Information Systems
Grounds Worker, W020798G, Gr: 2, Golf Course

Housekeeping Worker, W022490H, Gr: 1, Residential and Dining Programs

Laboratory Aide, W020811M, Gr: 2, College of Veterinary Medicine

Office Services Specialist, 1084G, Gr: 5, Cook Counseling Center

Pharmacy Supervisor, W022501M, Gr: 15, Veterinary Teaching Hospital

Program Support Technician Senior, W022069D, Gr: 7, Administrative Information Systems

Program Support Technician Senior, W022294D, Gr: 7, Administrative Information Systems

Program Support Technician, 7413J, Gr: 6, Research & Graduate Studies

Program Supt Tech (Visual Resources Curator), W022616T, Gr: 6, Art & Art History

Programmer, W022623M, Gr: 10, College of Veterinary Medicine/Biomedical Sciences & Pathobiology

Programmer, W022504D, Gr: 10, Communications Network Services

Trades Helper/carpenter's Assistant, W020219H, Gr: 4, Residential and Dining Programs/Facilities

Vehicle Services Attendant, W022152T, Gr: 3, Motor Pool

Vehicle Svc Attendant (Airport Line Service), W020883T, Gr: 3, Airport

University Only

Lab Instrument Maker, 3313J, Gr: 10, Architecture

Off Campus

Distance Learning Specialist, 7410D, Gr: 12, Office of Distance Education

Office Services Assistant, 6607J, Gr: 4, HNFE



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

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Letters to the editor and questions for "Ask *Spectrum*" should be addressed to the editor, 105 Media Building, Virginia Tech, Blacksburg, VA 24061.

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INSTRUCTIONAL

Department of Human Nutrition, Foods and Exercise. Assistant Professor. Faculty position in the area of community nutrition with an international emphasis. This is a tenure track, academic year appointment at the level of assistant professor and will be available August 16, 1999. The successful candidate will be expected to teach undergraduate and graduate courses, advise undergraduate students and direct thesis and dissertation research, and participate in professional service and outreach. Evidence of potential for developing a research program that supports department goals and is competitive for external funding is expected. Candidate must be able to communicate effectively and collaborate with others both within and outside the depart-

ment in the development of teaching, research, and outreach programs. The candidate will be expected to teach courses in community and international nutrition. Preference will be given to those candidates with research interests that support the department mission in applied community and international research and that enhance the university's cross-cultural initiatives. Applicants must hold a Ph.D. in community nutrition, international nutrition, or closely related area. International experience is highly desirable. A letter of application, curriculum vita, transcripts, statement of both teaching and research interests (2-3 pages), and the names of 3 references whom you have requested to

FACULTY POSITIONS

forward letters should be sent to Dr. Dianne Yardley, Search Committee-Nutrition, College of Human Resources and Education (0317), 101 War Memorial Hall, Virginia Tech, Blacksburg VA 24061. Phone (540) 231-8768; fax (540) 231-3916; e-mail stadler@vt.edu. Review of applications will begin on April 15, 1999 and continue until the position is filled.

NON-INSTRUCTIONAL

Residential and Dining Programs. Coordinator for Special Housing Programs.

The coordinator assists in the supervision and development of student life issues in specialized housing communities (substance-free; FYE; international; and leadership pro-

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STATE

Continued from 1

Agriculture and Life Sciences. Other amendments included \$25,000 for the restoration of Solitude, and \$25,000 for the Virginia Geographic Alliance.

The Cooperative Extension/Agriculture Experiment Station Division received an additional \$100,000 and 2.0 positions, as well as \$150,000 to provide free soil testing for commercial farmers. The latter amount will simply replace funds now provided by a soil testing fee.

Virginia Tech also received funding for two major capital projects, including \$3.95 million for Dairy Science facilities, one of the largest general fund projects approved in this session. In addition, non-general fund authorization of \$8.451 million and general fund support of \$500,000 were provided to continue progress on the Upper Quad project.

A number of non-budgetary amendments of interest to higher education were adopted as well. Most importantly, an amendment was adopted strongly supporting the independence of university related foundations and prohibiting any "officer, employee or agent of the Commonwealth" from taking any action that may discourage private giving or "place limitations or requirements upon independent foundations regarding the conduct of their business."

The university's budget amendments were submitted by Del. Jim Shuler and Sen. Madison Marye. In addition, the university was fortunate to have amendments submitted by a wide range of legislators across the Commonwealth. Sen. John Chichester, Virginia Tech alumnus from Fredericksburg and Co-Chairman of the Senate Finance Committee was instrumental in securing funding for the Dairy Science facilities as well as increased support for higher education in general. Tech alumni Del. Joe May of Loudon

County and Sen. John Watkins of Chesterfield County supported funding for high technology programs and the Arboretum, respectively. Sen. William Wampler of Bristol supported funding for transgenic tobacco research, and Sen. Benny Lambert of Richmond supported scholarships for underrepresented students. Del. Bob Bloxom of the Eastern Shore submitted an amendment for The Plan to Serve Virginia Agriculture, Human and Natural Resources, and Del. Earl Dickinson, Co-Chairman of the House Appropriations Committee, submitted the amendment for soil testing.

The Governor has 30 days to examine the budget and other legislation adopted by the General Assembly. He may approve, recommend changes, or veto bills, and he may also recommend changes to specific items in the budget. The General Assembly will reconvene on April 7 to consider the Governor's recommendations.

For further information, please contact the Office of Government Relations at 1-7111.

UNIVERSITY

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"In time, Virginia Tech could have an impressive series of such student-written publications on each year's country of focus, which would be a resource for adding international content to a course syllabus," said Peggy S. Meszaros, senior vice president and provost.

"There is something relevant to China in every discipline of the university," said Lyn Gray, director of international programs. "While the links are more obvious in the social sciences and the arts, they also exist in industrial systems engineering, mathematics or food science and technology. It is no longer enough to give students a degree in their major if they have no idea how that discipline is impacted by events and research in other parts of the world."

conference administration, new student orientation planning, or management of special housing services. Starting date to be determined. Required qualifications: master's degree in college student personnel/related field; 1-3 years professional experience; demonstrated abilities in supervision of staff, advising of hall government, judicial experience, and operations/facilities management. Preferred qualifications: experience in coordinating occupancy and maintenance services. Demonstrated interest or experience working with special student populations such as freshmen, international, and graduate students. Compensation: \$25,000 annually; furnished apartment; university meal plan; full faculty state benefits. Submit letter of application, resume, and names and contact information of 3 references to Area Coordinator Search Committee, Residential and Dining Programs (0428), 109 E. Eggleston Hall, Virginia Tech, Blacksburg VA 24061.

JOBS

Continued from 3

grams). This position is primarily focused on programming, course development/instruction, faculty interaction, and program staff supervision. Required qualifications: master's degree in college student personnel/related field; 1-3 years professional experience; prior experience in residence hall management; supervision; course instruction; FYE (First Year Experience); and wellness/substance free programs. Preferred qualifications: significant experience with international, leadership development, or other special housing/living-learning programs. Compensation: \$25,000 annually with full faculty state benefits. Additional university meal plan. Submit letter of application, resume, and names and contact information of 3 references to: Coordinator-SHP Search Committee, Residential and Dining Programs (0428), 109 E. Eggleston Hall, Virginia Tech, Blacksburg VA 24061.

Residential and Dining Programs. Area Coordinator of Residence Education (anticipated). Twelve-month, live-on position with primary responsibilities for direct supervision and leadership of 31-52 undergraduate, 2-3 graduate assistant residence education staff, full-time office manager, and as many as 2 professional staff in an assigned community of 1,800-2,200 resident students. Other duties include secondary advising of the Hall Councils; coordination of facilities and occupancy services; assisting with implementation of all staff selection, training, and evaluation; instruction of academic credit-bearing resident advisor course; leadership development; rotating on-call duty and crisis management; serving as a university judicial hearing officer; coordinator of a night monitor program; providing support and structure for educational programming; and assisting with the overall leadership of a comprehensive student life program. Co-lateral responsibilities may include summer

MUSSEY

Continued from 1

than \$10 million for scholarships under Dekker's, Charles Cornelison's, and the late Harold Hoback's leadership. Corps membership has since more than doubled, and the academic and leadership abilities of the cadets have risen.

Musser also demanded that the corps change its training philosophy from a negative system that focused on tearing down cadets through verbal abuse and physical punishment, to a positive one that emphasizes individual responsibility and building on the strengths of each cadet. That change caused some cadets and alumni to claim the corps was going "soft," but Musser showed that the training and discipline was still rigorous. "That first year was tough because I was making changes that the kids just weren't buying into," Musser said. "What I changed were the methods of how they actually treat the freshmen. It's easy to scream and holler, but what do you actually get out of it?"

Musser instituted full integration of women into the corps residence halls. Because both men and women lead the corps, Musser felt it was important that they live together. Now, men and women have rooms next to each other, the only place on the Tech campus that happens.

Lanny Cross, Virginia Tech's vice president for student affairs, said, "General Musser has provided innovative leadership to the Virginia Tech Corps of Cadets during a period of growth that was unprecedented in the modern era of the Corps, setting high standards of excellence in cadet training and professional behavior. In my opinion, he has been one of the most effective Commandants ever to lead the Corps. His contributions to the Corps of Cadets and the university community will be sorely missed."

In 1958, Musser earned a bachelor of science degree from Gettysburg College, where he was named a distinguished alumnus in 1978. He completed the Industrial College of the Armed Forces in 1974 and received a master's in personnel management from Central Michigan University in 1975. He also completed the program for senior executives in national and international security at the John F. Kennedy School of Government at Harvard University in 1982.

Musser started his Air Force career in 1958. He went on to fly 263 combat missions during two tours of duty in Vietnam, and for four years was a member of the world-famous Thunderbird team, with which he flew more than 300 aerial demonstrations in the United States and 20 foreign countries. Altogether, he logged more than 4,500 flying hours.

Over the years, he earned the Defense and Air Force Distinguished Service Medals, the Silver Star, the Distinguished Flying Cross, the Purple Heart, 11 flying medals, and numerous other awards. He came to Tech after he retired from the Air Force in August 1989.

"The corps has been great for me because it allowed me to stay in uniform and work with fine young men and women who will lead our nation in the next millennium," Musser said. "I see nothing but great things for the corps."

CTR

Continued from 1

(and other regional private-sector partners in their areas) is to act as a traveler information "franchisee" by accessing clearinghouse data and providing a public delivery system. For example, in the Travel Shenandoah project, information will be disseminated to the public via SHENTEL's existing telecommunication channels, which include the Internet, cellular, PCS and land-line phones, pagers and cable TV.

Center for Interdisciplinary Studies. Director of Women's Studies. Will serve a three year term with the possibility of renewal for one additional term. The primary responsibility of this academic-year position in CIS is to administer the Women's Studies Program. This requires innovative leadership in interdisciplinary curriculum development, pedagogy, and outreach that will build on the strengths already established for the program and continue to foster collaboration across programs in CIS and the university. A continuing role in supporting feminist scholarship in the community is expected. The director will teach one course a semester during the regular academic year. The appointment begins August 15, 1999. The position is open to any current, permanent employee at Virginia Tech with the following minimal qualifications: an advanced degree, experience teaching in Women's Studies, a demonstrated commitment to feminist research and pedagogy, and a record of out-

reach and activism on behalf of women. The search committee hopes that a number of candidates will step forward. In order to ensure that all possible candidates receive consideration, the search committee warmly and explicitly invites self-nominations through a brief letter of interest that outlines your strengths, qualifications, and ideas for further developing the Women's Studies Program. Nominations should include at least one paragraph that describes the candidate's strengths and qualifications for the position and speculates about what direction that candidate might be expected to lead the program. Submit a letter of interest or nomination(s) by Monday, March 22, 1999 to Barbara Carlisle, 124 Lane Hall (0227); e-mail bcarlisl@vt.edu.

Center for Transportation Research. Research Scientist. The group has a need for an individual with expertise in network modeling, traffic analysis, macroscopic and microscopic traffic simulation, fixed-time and real-time traffic signal control, and transit priority. Specific areas of activities will include several of the following: arterial and network traffic flow optimization, priority treatments for transit and high occupancy vehicles, integrated control of urban/freeway network systems, traffic flow theory, traffic modeling and simulation, performance evaluation of transportation systems, transportation planning, and intelligent transportation systems. In addition, as part of on-going technology transfer activities, he or she will produce progress reports, technical papers, presentations, and participate in the continued development of the group's short course/workshop program for federal and state employees. The above activities require a recognized engineering degree at the doctoral level, with specialization in traffic engineering and transportation planning. Please submit a resume and cover letter to Tracey Talley Schroeder, Center for Transportation Research (536), Virginia Tech, Blacksburg VA 24061. Applications will be accepted until position is filled.

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