

SPECTRUM

Virginia Tech
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

TODAY'S EDITION

See page 4 for
information on
'Take Back the Night.'

VOLUME 21 NUMBER 25 THURSDAY, MARCH 25, 1999

U.S. News & World Report gives high ratings to Tech's graduate programs

By Liz Crumbley

Virginia Tech's colleges of Engineering, Human Resources and Education, and Arts and Sciences all have programs ranked in the top 10 nation wide by *U.S. News & World Report's* 1998 survey of graduate schools released today.

The College of Engineering, which has a history of being ranked among the best graduate engineering schools in the U.S., moved up to 24th place in the rankings from 25th place last year. According to the survey, the college was rated 16th in the nation by professional engineers and recruiters and 22nd by engineering school deans. The

rankings are based on surveys of 221 engineering schools.

In addition, the college's industrial-and-systems-engineering graduate program was rated ninth among peer departments throughout the U.S. by engineering deans, and the aerospace graduate program was rated tenth.

In the survey's education-specialties category, the Vocational and Technical Education program in the College of Human Resources and Education (CHRE) was rated sixth in the nation for the second year in a row by education deans and senior faculty members. The program, which is the only doctoral program of its kind in Virginia, has for the past five years ranked in the

top 10 nation wide.

"Our faculty members are actively involved in national organizations, our graduates are in leadership positions in education and industry, and our external connections have given us the opportunity to do cutting-edge research," said CHRE Dean Janet Johnson. "This recognition is richly deserved."

In the magazine's survey of Ph.D. programs in the sciences, Virginia Tech's polymer program was rated fifth nation wide. The polymer program at Tech is a joint effort of the Department of Chemistry in the College of Arts and Sciences and the Department of

Chemical Engineering in the engineering college.

Virginia Tech's sedimentology Ph.D. program was ranked ninth in the sciences survey. The sedimentology graduate program is part of the Department of Geology in arts and sciences.

U.S. News & World Report's "America's Best Graduate Schools" survey, published annually since 1987, uses objective data gathered from the surveyed schools plus two sets of reputational ratings. The survey is intended to provide prospective students with information about the nation's top graduate programs.

CFWR names Bush new associate dean

By Lynn Davis

Robert J. Bush, associate professor of wood science and forest products, will now spend a quarter of his time as associate dean for research and graduate studies in the College of Forestry and Wildlife Resources. In announcing the new appointment, Dean Greg Brown said: "I look forward to working with Bob and am confident that he will serve the college and university well. We are pleased to have him on the administrative team."

Since 1995, Bush had been serving as director of the Center for Forest Products Marketing and Management. He has been an adjunct associate professor for the Department of Forestry at Southern Illinois University at Carbondale, Ill.

He graduated from the University of Minnesota with a B.S. with distinction in forest science and from Virginia Tech with an M.S. and Ph.D. in forest products marketing. In 1988 he was a presidential fellow at the university.

Bush holds numerous honors and awards, including being elected a fellow in the Institute of Wood Science in 1992. In addition to teaching graduate and undergraduate courses, he has taught six Extension courses, one of which was in the Philippines and sponsored by the United Nations. He is active in various professional societies, has consulted for many organiza-

(See CFWR on 4)

Founders Day Observance Set for April 9

Founders Day, Virginia Tech's annual celebration of the academic and professional achievements of its faculty, students and staff, will be held in Burruss auditorium on Friday, April 9, beginning at 3:15 p.m.

University President Paul Torgersen will be the keynote speaker.

Provost Peggy Meszaros has sent a letter to all deans, directors and department heads encouraging members of the faculty to attend the annual celebration, either as a member of the academic processional or as a member of the audience.

Following the Founders Day program, the Corps of Cadets will conduct a Retreat Ceremony on the Drillfield.

Second campaign to launch in mid-April

By Terry McGuire

Unless you are someone who enjoys doing things the hard way, the upcoming university campaign will be right down your alley. For starters, flexibility and convenience will be built-in features of the fund-raising effort. Faculty and staff members will have the option of making their gift by check, credit card, securities, or payroll deduction.

Donors also will have the opportunity to choose from a number of designations when they make a gift. The campaign gift card, which will be included in the April solicitation mailing, will list 13 areas of the university that donors can select as beneficiaries of their support. Individuals can also pencil in areas not included on the card.

The campaign, which is open to both current and retired members of the university community, begins the third week of April and will run through the end of the fiscal year.

As in fiscal year 1997-98, "participation" will be the mantra of the 1998-99 campaign. "Of course, we hope everyone makes as large a contribution as they can," said Judy Graham, the university's director of annual giving. "But, we are particularly focused on encouraging as many individuals as possible to participate. We want the university campaign to grow into a strong tradition."

(See SECOND on 4)

Engineering's Stephenson named to Kelly professorship

By Liz Crumbley

F. William Stephenson, dean of the College of Engineering, has been named the first recipient of the Hugh P. and Ethel C. Kelly professorship of electrical and computer engineering.

Ethel Kelly endowed the professorship in Tech's Bradley Department of Electrical and Computer Engineering (ECPE) in honor of her late husband, Hugh, a Virginia Tech alumnus who had a long and successful career with AT&T's Bell Laboratories that included pioneering work in development of the Telstar satellite system.

Hugh Kelly, who grew up in Richmond, received his bachelor's degree in electrical engineering from Virginia Tech in 1937 and his master's in 1938 and went to work for Bell Labs in New Jersey. When AT&T began developing the Telstar system, the first private venture in space and the first communications satellite system, Kelly was put in charge of planning, operations, design and

installation of the system's ground stations in Maine and France. Telstar made world-wide telephone service possible and paved the way for communications industries including cable television and international electronic data transfer.

On July 11, 1962, one day after the first Telstar satellite television signals were transmitted from Andover, Maine, to Pleumer-Bodou, France, the government of France decorated Kelly with the French *Merite Postal* medal. After he retired from AT&T in 1979, he remained active in his field, working with a clinical psychologist to develop a computer for handicapped users.

Kelly died in 1989, leaving arrangements in his will for a substantial donation to the Virginia Tech ECPE Department.

Stephenson, who joined the Tech faculty in 1978, was nominated for the Kelly chair by the honorifics committees of both ECPE and the College of Engineering. Recognized internationally for research in hybrid micro-electron-

ics and active-filter design conducted in the United States and Great Britain, he has published more than 100 articles in professional journals, is the co-author of two books and editor of a third, and has contributed chapters to several other books.

Co-founder of the Virginia Tech Hybrid Microelectronics Laboratory, Stephenson served as director from 1984 to 1990. An active educator, he has advised numerous undergraduate and graduate student projects and was a co-founder of the Virginia Tech Student Chapter of the International Society for Hybrid Microelectronics, now the largest chapter in the nation. He is a fellow of the Institution of Electrical Engineers and of the Institute of Electrical and Electronic Engineers.

Stephenson also has a strong record of administrative service. He was the college's associate dean for Research and Graduate Studies from 1986 to 1990, and served as interim dean of the college in 1988. While head of ECPE for the four years prior to his appointment

as dean in 1994, he established a workstation laboratory for both undergraduate and graduate students, departmental advisory boards, and a young faculty development program.

As dean, he has assisted in creating the Virginia Microelectronics Consortium, a cooperative education and research venture among six state colleges and universities. Under Stephenson's leadership, the College of Engineering has strengthened its national rankings, increased its research funding and activities, raised \$68.6 million during the recent Campaign for Virginia Tech, and established two project facilities for undergraduate students—the Joseph F. Ware Jr. Advanced Engineering Laboratory and the Raymond and Violet Frith Freshman Engineering Design Laboratory.

"I'm delighted with the college's choice of Bill Stephenson for this chaired professorship," Ethel Kelly said.

ACTIVITIES

EVENTS

Thursday, 25

Choices and Challenges Forum, 8 a.m.-5:30 p.m., DBHRC: "Reinventing the Human: Designer Children."

Women's Month Program, 8 a.m.-5 p.m., basement of Women's Center: Clothesline Project Workshop.

Women's Month Program, 8 a.m.-5 p.m., Drillfield: Clothesline Project Display.

Women's Month Program, 2:05-3:15 p.m., DBHCC room A: "Re-inventing the Human: Feminist Debates and Dilemmas," by Martha McCaughey and Bernice Hausman.

Women's Month Program, 7:30 p.m., Drillfield: Take Back the Night Rally and March, proceeding through campus and downtown.

Friday, 26

Women's Month Program, 8 a.m.-5 p.m., basement of Women's Center: Clothesline Project Workshop.

Women's Month Program, 8 a.m.-5 p.m., lawn of Women's Center: Clothesline Project Display.

Women's Month/YMCA Native American Program, 4 p.m., 341/345 Squires: Lumbee and Native American Women's Traditional Societal Roles, by Cheryl Oxendine, Lumbee Nation.

Geographic Society, 4 p.m., 136 McBryde: "Traditional Healers and the Prevention of HIV/AIDS in East Africa," by Charles Good and Tina Schlosser.

International Club Coffee Hour, 5 p.m., Cranwell Center: Topic: TBA, with Duncan Porter.

Saturday, 27

Surplus Property Auction, 9 a.m., Surplus Warehouse.

YMCA Hike, 9 a.m., meet in parking lot 403 Washington St.: Pipestem Resort State Park.

Women's Writers Conference, 9 a.m.-noon, DBHCC.

Chamber Music Concert, 8 p.m., Squires Recital Salon. Mary Louise Hallauer and Teresa Ehrlich.

Sunday, 28

Chamber Music Concert, 3 p.m., Squires Recital Salon. Mary Louise Hallauer and Teresa Ehrlich.

Monday, 29

GSA Annual Research Symposium, Squires Old

Dominion Ballroom.

Multicultural Interactive Program, 3:30-5 p.m., Owens Banquet Hall: "Improving the Status of Women and Minorities at Virginia Tech: An Interactive Seminar."

Tuesday, 30

Family Support Program, noon-1 p.m., DBHCC conference room A: "Spring Cleaning Your Finances: Basic Budgeting Skills and Other Useful Tips and Hints."

VOnline Workshop, 2 p.m., 502 Major Williams: Advanced WWW Design for Online Education.

Volunteerism and Leadership Speaker, 7:30 p.m., Cassell Coliseum: Gen. Colin Powell.

Wednesday, 31

Faculty and Wage Paydate.

Appalachian Way/YMCA Native American Program, 7 p.m., DBHCC Rooms D and E: "American Indian Nations of Appalachia and the Southeast: Discussing Identity and Cultural Practice." Panel Discussion.

"With Good Reason," 7 p.m., WVTF: "Danville and the Unrest of 1963."

APRIL

Thursday, 1

Art Exhibit Opening, Armory Gallery.

STS Lunch Discussion, 2 p.m., 132 Lane: "Feminist Contribution to Science and Technology Studies."

SEMINARS

Thursday, 25

Geological Sciences, noon, 4045 Derring: "The Ocean Drilling Program's Marine Record of Ocean Circulation, Uplift of the Andes Mountains and Climate Change," by Rick Murray, Boston U.

Statistics, 3:45 p.m., 409 Hutcheson: "A Practical Application of Time Series and SPC Methods," by David Williamson, DCD.

Entomology, 4 p.m., 220 Price: "Differential Alterations in Nicotinic Autoreceptor-Mediated Acetylcholine Release Following Parathion or Chlorpyrifos," by Paul Harp.

Friday, 26

Food Science/Technology, 10-11 a.m., 132 FSB: "Opportunities and Challenges of High Oleic Peanuts," by

Sean O'Keefe, Florida.

Highlands in Chemistry, 11 a.m., 3 Davidson: "New Cyclization and Multi-component Couplings," by John Montgomery, Wayne State.

Electrical/Computer Engineering, noon, 457 Whittemore: "Wireless Networks: the Good, the Bad and the Ugly," by Scott Midkiff.

MCBB, noon, 102 Fralin: "Circadian Rhythms: Mechanisms and Models," by John Tyson and Chris Hong.

Economics, 3:30-5 p.m., 3001 Pamplin: "On the Propensity to Self-Protect," by Henry Chiu, Manchester/Ohio State.

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: Topic TBA, by J. Scruggs.

Monday, 29

Electrical/Computer Engineering, noon, 654 Whittemore: TBA.

Economics, 3:30-5 p.m., 3001 Pamplin: "Peer Group Effects in the Economics of Education," by Gina Toma, NSF/Kentucky.

Biochemistry, 4-5 p.m., 223 Engel: "A Computer Science Perspective on Bio-informatics," by Ed Fox, Cal Ribbens, and Lenny Heath.

CSES, 4 p.m., 232 Smyth: "Complications with Sustainable Agriculture on Rainforest Soils," by Wayne Thompson.

Geological Sciences, 4 p.m., 2044 Derring: "Sequence Stratigraphy of Intraslope Turbidite Systems: Models for Exploration and Development," by Paul Weimer, AAPG.

Horticulture, 4 p.m., 409 Saunders: "A Horticulture Curriculum Assessment for Juvenile Offenders," by Catherine McGwin.

Wednesday, 31

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: "Seismic Response Control of Civic Structures," by M.P. Singh and E. Matheu.

Thursday, 1

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: "Fundamental Concept, Theory and Applications of the Global Positioning System," by Wayne Scales.

Entomology, 4 p.m., 220 Price: Graduate Student Presentations, by Sarah Engel and Theresa Dellinger.

AT&T executive to speak

AT&T executive Jerry R. Batt will discuss the challenges of managing complex organizations as the featured speaker in the Wheat First Union Distinguished Speakers Series, sponsored by the Pamplin College of Business. His talk, which is open to the public, begins at 4 p.m. on Thursday, March 25, in the Owens Banquet Hall. A reception will follow the talk.

Batt is vice president of billing systems at AT&T. A 25-year veteran of the company, he has worked in a variety of assignments in engineering, marketing, product management, and personnel. During the past eight years, he has led the effort to build a platform for consumer long-distance account management, billing, and customer service. Batt, who directs more than 1,400 people, is currently involved in deploying systems to support the company's strategy to combine long-distance, local, and wireless phone service with computing and entertainment services. Batt, who earned a bachelor's degree in industrial engineering and operations research at Virginia Tech in 1972, serves on the Pamplin Advisory Council. He is also a member of the advisory boards for the University of Texas and Texas A&M. The Wheat First Union lecture series is organized by Pamplin's Executive Planning Committee, a student group that plans and organizes career-related events for the college's students. Through its activities, the group also offers students an opportunity to gain leadership and project management skills.

Camp returns to campus in summer

Virginia Tech's College of Engineering will sponsor its eleventh annual summer camp, IMAGINATION '99, formerly known as Academic Enrichment Camp, for rising eighth and

ninth graders. The camp is an excellent opportunity for area students to gain practical experience with math, science, computers, and engineering.

Accepted students will work with university professors, college students, and other eighth and ninth graders from the local counties such as Montgomery, Floyd, Giles, and Roanoke, as well as the Roanoke City schools. Since this is a commuter camp, students with the exception of the Roanoke City Schools, must provide their own transportation to and from Virginia Tech. Roanoke City has agreed to provide transportation for its students.

Each applicant must submit an application, letter of recommendation from a current science or math teacher, and a \$10 nonrefundable commitment fee (only if accepted). The commitment fee is not an issue of camp cost; however, it is an indication of commitment to participate in the camp.

Under-represented students are encouraged strongly to apply. who previously participated in the camp are ineligible. May 1 is the final deadline. If you have any questions or need an application, contact James Moore at 1-4542 or jamoore4@vt.edu.

VTAIX classes available

After 20 years, faculty and staff members have come to depend on VTVM1 for editing, analyzing, printing, and other jobs. Many of the VM/CMS features are now available on the VTAIX system. The class "Introduction to VTAIX for CMS Users" has seven sections available the week of March 29:

Section 1: Monday, March 29, 9-11 a.m. and 1-3 p.m.
Section 2: Tuesday, March 30, and Thursday, April 1, 9-11 a.m.
Section 3: Tuesday, March 30, and Thursday, April 1, noon-2

p.m. Section 4: Tuesday, March 30, and Thursday, April 1, 3-5 p.m. Section 5: Wednesday, March 31 and Friday, April 2, 9-11 a.m. Section 6: Wednesday, March 31 and Friday, April 2, noon-2 p.m. Section 7: Wednesday, March 31 and Friday, April 2, 3-5 p.m.

All classes will be held in the Andrews Information Systems Building (AISB) classroom. Call 1-9500 (or 1-HELPL) to register. Classes are free.

Participants are encouraged to obtain VTAIX and ACF2 accounts prior to the class. Account numbers will be needed to submit jobs. For information on VTAIX and ACF2 accounts, call IRM at 1-6716.

Sigma Xi plans annual banquet

Sigma Xi will hold its annual banquet, initiation of new members, research and teaching awards, on Wednesday, April 7, in Owens Banquet Hall. Initiation ceremonies begin at 5:30 p.m., followed by a reception and banquet at 6:30 p.m. Noel R. Krieg, alumni distinguished professor, Department of Biology, will make a presentation titled "Microaerophilic Microorganisms Implicated as the Causative Agent of Ulcers." For more information, contact Forrest Thye at 1-6620 or by e-mail at thye@vt.edu.

Leave donations requested

Employees in Agricultural and Applied Economics and Communications Network Services have requested leave donations.

There are still employees in the College of Veterinary Medicine and Residential and Dining Programs who also have requested leave donations. Any salaried classified employee

or a 12-month regular faculty member has an opportunity to participate by donating annual leave in increments of eight hours.

Donor forms may be obtained from department administrative offices or from Personnel Services department at 1-9331. Please return the completed form to Mary Chapman Gearheart, leave administrator, Personnel Services 0318.

Geographical Society announces speakers

The Geographic Society will sponsor a talk by Charles Good and Tina Schlosser titled "Traditional Healers and the Prevention of HIV/AIDS in East Africa" on Friday, March 26 at 4 p.m. in 136 McBryde.

University ensembles concert set

The School of the Arts and Department of Music present the University Percussion and Marimba Ensembles Spring Concert on Monday, March 29, at 8 p.m. in Squires Recital Salon.

Admission for the performance is free. For more information, please contact the Virginia Tech School of the Arts Information Line at 1-5200.

Piano Duo Hallauer and Ehrlich to perform

The University Chamber Music series presents the fifth anniversary of the popular piano duo Mary Louise Hallauer and Teresa Ehrlich in *Grand Piano, Opus V*. The concert will be held Saturday, March 27 at 8 p.m. and Sunday, March 28 at 3 p.m. in Squires Recital Salon.

Tickets are \$10 general admission and \$7 for students and senior citizens.

Graduate seminar series examines careers

Virginia Tech Research and Graduate Studies and Career Services are sponsoring a series of workshops and

seminars for graduate students addressing a number of topics that may not have been covered during one's formal education.

Experts from a number of fields will address issues related to careers inside and outside of academia. "Training the Future Professional" programs scheduled this spring are:

Thursday, March 25, 9 to 11:30 a.m., 341 Squires. Following an introduction on doing research, Catherine Eckel of the economics department will talk about proposal writing and about the National Science Foundation, Carole Christian, government program development specialist at Virginia Tech, will talk about other funding sources, by Carole Christian, and Barbara Carlisle of the Center for Interdisciplinary Studies and theatre arts department, will talk about funding for the arts and humanities.

Tuesday, March 30, 9 a.m. to noon, Squires Brush Mountain Room A: "Getting the Academic Position." Pam Herrmann of Career Services will discuss preparing the curriculum vitae, and there will be a panel discussion, by faculty members Karen Roberto of the Center for Gerontology, Charles Reinholz of mechanical engineering, and David Brinburg of marketing.

Thursday, April 1, 9 a.m. to noon, Squires Brush Mountain Room A: "Getting the Industry Position." Pam Herrmann of Career Services will discuss preparing the resume, and there will be a panel discussion by individuals from several industries.

A program on Ethics in Professional Life is also planned for this spring.

Pre-registration is not required, but is encouraged. Refreshments will be served. For more information contact Carole Christian at cbcl1@vt.edu or 1-6747 to pre-register.

STEP seeks four students for program

Service Training for Environmental Progress (STEP) is an environmental service-learning program, based in the Virginia Water Resources Research Center. Through STEP, students work in communities with perceived water-related

environmental problems and limited resources for addressing these problems.

STEP will select four students to do two service-learning projects in Virginia communities this summer. STEP training prior to the projects is designed to prepare students for a range of water-quality issues or activities with which communities might need technical assistance, such as testing well water, setting up a surface water-monitoring network, or learning how to prevent groundwater pollution. As part of the training this year, students will be required to take an environmental problem-solving course during Virginia Tech's Maymester (May 17-June 11); the project period will be June 14-August 9. For the project period, STEP pays \$2,300 and covers travel, room/board, and working expenses.

STEP welcomes applications from open-minded and adaptable students in any major, who are interested in environmental issues and communities. Applicants must be a current junior, senior (including Spring 1999 graduates), or graduate student at any Virginia college or university. To apply, send a resume, transcript, and writing sample (no more than 750 words) by April 15 to Alan Raflo, STEP Assistant Director Virginia Water Resources Research Center 10 Sandy Hall (0444) Blacksburg, Virginia 24061; phone: 1-5463; fax: 1-6673; e-mail araflo@vt.edu. The address below.

The four students will be selected by April 29.

GSA presents Research Symposium

The Graduate Student Assembly is sponsoring the 15th Annual Research Symposium on Monday, March 29, in Squires Old Dominion Ballroom. The Research Symposium provides Virginia Tech graduate and undergraduate students an opportunity to showcase their research achievements.

For more information, contact the Graduate Student Assembly at 1-7919. For registration visit <http://gsa.usua.vt.edu>.

TO THE EDITOR

Dear Members of the University Community:

Colin Powell's visit to Virginia Tech is a wonderful opportunity to recognize the breadth of service occurring on campus, including those campus programs that are dedicated to educating and training students

(See LETTER on 4)

CORRECTION

In last week's edition of *Spectrum*, the word "spring" was inadvertently placed in a front-page headline concerning the Virginia Agricultural Experiment Station. We regret any confusion this error may have created for readers.



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Spectrum, a faculty-staff tabloid, is published each Thursday during the academic year, with the exception of certain holidays, exam weeks, and the summer. Copy deadline is 5 p.m. Thursday. No advertising is accepted.

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Editor

John Ashby, 1-6961

Assistant Editor

Christian Moody, 1-8538

Production Manager

Melinda Shaver, 1-8524

Business Manager

Sherri Box, 1-8819

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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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.

Accountant, 4526P, Grade 9, Controller's Office.
Administrative Liaison, 2325D, Grade 8, Communications Network Services.
Equipment Management/Laundry Assistant (Storekeeper), LC015J, Grade 4, Athletics.
Executive Secretary Senior, 2800W, Grade 7, University Development.
Executive Secretary, 2226D, Grade 6, University Development.
Fiscal Assistant, 7437D, Grade 5, University Development.
Fiscal Assistant, LC086J, Grade 5, Virginia Tech Athletic Fund.
Food Operations Assistant B (3rd Baker), 2986H, Grade 2, Residential and Dining Programs/ Southgate Bakeshop.
Food Operations Manager B/Executive Chef, 0029H, Grade 10, Residential and Dining Programs/Owens Dining Center.

Housekeeping Lead Worker/Special Projects Crew, 300H, Grade 2, Residential and Dining Programs.

Housekeeping Worker, 1138G, Grade 1, Donaldson Brown Hotel and Conference Center.

Housekeeping Worker, 887P, Grade 1, Physical Plant.

Housekeeping Worker, 7261G, Grade 1, Recreational Sports.

Housekeeping Worker, 1076H, Grade 1, Residential and Dining Programs.

Instructional Technology Systems Manager, 2122D, Grade 16, Educational Technologies.

Laboratory Mechanic A, 7419J, Grade 4, Materials Science and Engineering.

Licensing and Trademark Director (Business Manager B), LC055D, Grade 12, Trademark and Licensing.

Program Support Technician, 1019T, Grade 6, Pamplin College of Business.

Programmer Analyst, 6990T, Grade 12, Budget and Financial Planning.

Programmer, 7405D, Grade 10, Administrative Information Systems.

Programmer, 7434D, Grade 10, Administrative Information Systems.

Programmer, 7289M, Grade 10, Animal and Poultry Sciences.

Programmer, 2256D, Grade 10, University Libraries.

Programmer/Analyst, 7433D, Grade 12, Administrative Information Systems - User Services.

Programmer/Analyst, 6824D, Grade 12, Administrative Information Systems.

Programmer/Analyst, 7246D, Grade 12, Information Systems.

Public Relations Assistant Specialist, LC076D, Grade 8, Alumni Relations.

Research Specialist, 7412M, Grade 8, Crop and Soil Environmental Sciences.

Research Specialist, 7432M, Grade 8, Dairy Science.

Secretary Senior, 7303J, Grade 5, Electrical and Computing Engineering.

Senior Programmer Analyst, 6896D, Grade 14, Information Technology Acquisitions.

Senior Programmer/Analyst, 7328D, Grade 14, Administrative Information Systems.

Television Systems Technician, 6920D, Grade 8, Media Services - VBS.

Part Time.

Animal Care Technician A, W022155M, Grade 3, Veterinary Teaching Hospital.

Electronic Technician Senior, W022588J, Grade 10, Engineering Science and Mechanics.

Enrollment Services Assistant (Academic Adviser), W022613T, Grade 7, Computer Science.

Fire Extinguisher Trainer (Security Officer Senior), W022637T, Grade 7, Environmental Health and Safety Services.

Food Operations Assistant A, W022314H, Grade 1, Residential and Dining Programs.

Food Operations Assistant B, W022315H, Grade 2, Residential and Dining Programs.

Get Connected Technician, W022615D, Grade 6, Administrative Information Systems.

Housekeeping Worker, W022490H, Grade 1, Residential and Dining Programs.

Laboratory Aide, W020811M, Grade 2, College of Veterinary Medicine.

Office Services Assistant, W022638G, Grade 4, Continuing Education.

Office Services Specialist, W022560M, Grade 5, College of Veterinary Medicine.

Office Services Specialist, 7344T, Grade 5, Mathematics.

Pharmacy Supervisor, W022501M, Grade 15, Veterinary Teaching Hospital.

Program Support Technician, 7413J, Grade 6, Research and Graduate Studies.

Programmer, W022504D, Grade 10, (See JOBS on 4)

IN OTHER NEWS

'Take Back the Night' activities today

The purpose of today's rally and candlelight march is to bring the community together to protest violence against women and to promote awareness of attitudes, beliefs, and behaviors which perpetuate violence. Organizers encourage everyone to take action to change our society—a society in which women have reason to fear being out alone at night.

The rally, which will include speakers and musicians, will be held between 7:30 p.m. and 8 p.m. on the Drillfield. Beginning at 8 p.m., participants will march through campus and downtown Blacksburg, returning to the Drillfield for a closing celebration. The march route is accessible for disabled persons. (In case of rain, participants will gather in Colonial Hall in Squires Student Center.)

Marches call attention to violence against women. Although marchers emphasize that violence against women occurs at all times, they are particularly concerned about violence at night.

Women and men of all ages are encouraged to join in the Take Back the Night event, which is part of Women's Month 1999. Participants are asked to bring small candles or flashlights and, together, to march in Take Back the Night.

Each participant is asked to wear a purple ribbon tied with a knot for every friend or family member who has been sexually assaulted. Ribbons will be worn throughout Women's Month to show support for victims and to protest sexual violence against all people. Purple ribbons will be available at information tables

before events during Women's Month and each weekday at the Women's Center at Virginia Tech. The center is located behind McBryde Hall at the corner of Stanger and Turner Streets.

Sponsoring organizations include Amnesty International, Cooper House, Dean of Students Office, Equal Opportunity and Affirmative Action, Graduate Student Assembly, League of Women Voters of Montgomery County, Montgomery County NOW, Residential and Dining Programs, Student Government Association, Virginia Tech Campus Ministers Association, Womanspace, Women's Center at Virginia Tech, Women's Resource Center of the New River Valley, Women's Studies Program, and the YMCA at Virginia Tech.

For more information, call call Susan Anderson at 1-8041 or 951-2013, or Megan

CFWR

Continued from 1

tions, and has published prolifically.

Since 1989 Bush has brought in more than \$1.3 million of grant funding. His current research focuses on wood use in the U.S. pallet and container industries, wood recovery and recycling in the pallet industry, recovery of pallets at municipal landfills, environmental certification in the wood-flooring industry, character marked material in the furniture industry, and marketing of non-timber products from Appalachian forests.

SECOND

Continued from 1

One important designation has been added this year that faculty and staff members might want to carefully consider when making their commitment. The gift card will include the Virginia Tech Staff and Faculty Dependent and Spouse Scholarship Program, an initiative designed to assist families of full-time employees to meet the financial challenges of enrolling their dependents and spouses at Virginia Tech. The program also will recognize those dependents and spouses who have demonstrated outstanding academic achievement. Funds for the program will be equally divided between need-

and merit-based scholarships.

Campaign details will be covered in a brochure scheduled for mailing to all faculty and staff members during the last week of March. While the brochure spells out a number of reasons why individuals should make a campaign commitment, Charles Steger, vice president for Development and University Relations, said that there is only one reason that counts: the donor's.

"There are hundreds, perhaps thousands of answers to the question, 'Why give?'" Steger said. "Everyone will have their own, but they won't be heard unless they follow through and fill out the gift card."

LETTER

Continued from 3

with a desire to serve their communities. The Service-Learning Center and YMCA Student Programs (YSP) are two such programs whose missions are to foster leadership and civic values through community service.

The Service-Learning Center, founded in 1995, supports approximately 900 students in curriculum-based service opportunities each year. These students annually contribute more than 18,000 hours of service to local schools, agencies, and communities as a part of their academic course work.

The center also partners with other campus initiatives such as the Virginia Tech Community Literacy Corps, the Community Design Assistance Center, and the STEP (Service Training for Environmental Progress) program, all of which link students to real community needs.

The YSP, founded in 1986, oversees 20

community-service and social-awareness programs facilitated by 52 student leaders. More than 700 students volunteer over 5,500 hours tutoring and mentoring youth, working with senior citizens, providing home-repair services to low-income families, and educating the campus and community about environmental issues.

The Service-Learning Center and the YMCA Student Programs each broaden the community-service opportunities available to Virginia Tech students. As representatives of these programs, we are committed to our unique missions. We congratulate our colleagues who planned and implemented Colin Powell's visit to Virginia Tech.

Sincerely,

Michele James-Deramo, director, Service-Learning Center, Barbara Holcomb, executive director, YMCA at Virginia Tech, Angela Hughes, director, YMCA Student Programs Marcy H. Schnitzer, assistant director, Service-Learning Center

JOBS

Continued from 3

Communications Network Services.

Off Campus.

Distance Learning Specialist, 7410D, Grade 12, Office of Distance Education.

Program Support Technician, 6889M, Grade 6, Fairfax Extension/Virginia Cooperative Extension/4H.

Program Support Technician, 5540M, Grade 6, Virginia Cooperative Extension-Petersburg Extension Office.

Research Specialist Senior, 6504M, Grade 9, Fisheries and Wildlife Sciences.

Research Specialist Senior, 6822M, Grade 9, Fisheries and Wildlife Sciences.

FACULTY POSITIONS

NON-INSTRUCTIONAL

Office of the Vice President for Student Affairs. Commandant of Cadets. The Commandant of Cadets reports to the vice president for Student Affairs and is responsible for providing leadership to a full-time Corps of Cadets. Preference will be given to candidates who are newly retired general/flag officers and have a master's degree or equivalent professional degree (law, medicine, etc.). The successful candidate will have experience in academics, education, and training of young men and women, fund raising and public relations, budgeting, programming, and will have a record that demonstrates a commitment to the principles of equal opportunity and affirmative action. Salary will be commensurate with experience, education, and other qualifications. Nominations will be welcomed. Review begins immediately and continues until position is filled. The selection is expected to be made in June 1999, with the appointment to begin as soon thereafter as possible. Applicants should send a letter of application, resume, and the names of three references to David Ford, Vice Provost for Academic Affairs, and chair, Commandant of Cadets Search Committee, 330 Burruss Hall (0132), Virginia Tech, Blacksburg VA 24061. Phone: 1-4167

University Unions and Student Activities. Coordinator of Leadership Development.

Twelve-month professional faculty position within the Student Activities area in the Department of University Unions and Student Activities (UUSA). The coordinator reports to the associate director for student activities. The coordinator is primarily responsible for the development and management of comprehensive and innovative leadership-training programs, workshops, and conferences for student organizations and the development and teaching of leadership courses. The coordinator is involved in providing program assistance and teaching in the Residential Leadership Community which is a cooperative effort between Student Affairs and Academic Affairs. The coordinator manages the university awards programs, advises the Student Government Association, and plans and promotes activities and events that foster involvement in student organizations. The coordinator supervises one graduate assistant. Qualifications: This position requires a minimum of a master's degree in college student personnel or a related area, and two-three years full-time experience. Candidates must have a strong background in leadership development programs and have excellent interpersonal and writing skills as well as be computer literate. Salary range: \$26,000-30,000 depending on qualifications and experience. Projected

starting date is July 1999. Review begins immediately. To apply, send an application letter and a current resume including the names, addresses, and phone numbers of at least three professional references to Nicki Cantrell, Search Committee Chair, UUSA, 225 Squires Student Center (0138), Virginia Tech, Blacksburg VA 24061. Fax: 1-5430; e-mail: cantrell@vt.edu; <http://www.uusa.vt.edu>.

Center for Interdisciplinary Studies. Director of Women's Studies (corrected advertisement). Person will serve a three-year term with the possibility of renewal for one additional term. The primary responsibility of this academic-year appointment in CIS is to administer the Women's Studies Program. The successful candidate must be prepared to provide innovative leadership in inter-disciplinary curriculum development, pedagogy, and outreach, to build on the current strengths of the Women's Studies Program, and to foster collaboration across programs in CIS and units throughout the university. The director will teach one course in women's studies each semester during the regular academic year. The appointment begins Aug. 15, 1999. The position is open to any current, tenured employee at Virginia Tech with the following qualifications: an advanced degree; a history

of participation in the Women's Studies Program; a demonstrated record of feminist scholarship and teaching; and a commitment to activism and outreach. Among the responsibilities of the women's studies director are: holding regular faculty meetings; maintaining communication with the many people across the campus involved with the Women's Studies program, including members of the Women's Studies Advisory Board, Friends of Women's Studies, the Women's Center; and newly interested and qualified participants; coordination of the Women's Studies Advisory Board administrative subcommittees, namely: the WS Executive Committee, the WS Curriculum Committee, the WS Literature Committee, the Speaker Series Committee, the WS Mentoring Committee, the WS Newsletter Committee, the WS Distance-Learning Grant (CIL) Committee, the WS Diversity Committee, and the WS Faculty Development Workshop Committee; curriculum planning, scheduling, coordinating, and development for Women's Studies in the context of CIS; mentoring junior faculty members and representing faculty members in cases of review and promotion; management of and reporting on the Women's Studies program budget; and grant writing to support the program's academic agenda. The search committee invites nominations, including self-nominations, in the form of a letter of interest that outlines the candidate's strengths, qualifications, and a description of goals and vision for the Women's Studies Program within CIS. Letters must be submitted by March 15, 1999 to Martha McCaughey, WS Director Search Committee Chair, 252 Lane Hall (0227). The tentative schedule of procedures (depending on number of nominees interested in the position) is: All nominees interested in the position (who do not submit a self-nomination) must submit a statement of interest with a vision for the Women's Studies Program (see above) by March 22. Nominees will be interviewed by the search committee and the members of WS and CIS starting March 22. Formal, confidential feedback letters about candidates must be submitted to the search committee the week of April 6 or before to Martha McCaughey, Chair of WS Director Search Committee, 252 Lane Hall (0227). No e-mail messages or letters sent by e-mail.

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