University begins campaign to establish Civil War center

By Clara R. Cox

Building on the reputation of nationally renowned Civil War historian James I. Robertson Jr. and a massive collection of Civil War books, Virginia Tech has announced that it has initiated a $3-million fund drive to establish the Virginia Center for Civil War Studies.

The announcement was made last Friday by Charles W. Steger Jr., vice president for Development and University Relations, on the first day of Civil War Weekend, an annual event that draws 350 people to the campus.

The center will be headed by Robertson, Tech’s alumni distinguished professor of history and author of the critically acclaimed biography Stonewall Jackson: The Man, The Soldier, The Legend. It will operate in partnership with the history department in the university’s College of Arts and Sciences.

“Under Professor Robertson’s dynamic yet collegial leadership, the center will provide an ideal setting for top scholars to interact with students and the public in a common effort to shed new light on the war—new light on not merely the political and military aspects but also the more subtle social, cultural, and human implications of this pivotal episode in United States history,” said history Department Head Albert E. Moyer.

According to Steger, the center will offer several programs. A scholars-in-residence program will attract nationally recognized Civil War scholars to spend a semester or academic year on the Virginia Tech campus, while scholarships will be used to entice the nation’s best graduate students in Civil War history. The center will sponsor annual symposia, lecture series, exhibitions, and additional radio and television shows and will publish a scholarly Civil War journal. It will expand Virginia Tech’s collection of Civil War books, manuscripts, and memorabilia and hire an archivist to organize, maintain, and protect the collection.

It will also extend educational opportunities through digital and distance-learning programs.

Robertson, tapped by President Kennedy in 1961 as the executive director of the United States Civil War Centennial Commission, has written numerous books on the Civil War, including such works as Soldiers Blue and Gray, which as nominated for a Pulitzer Prize, and America Becomes One Nation, which received critical acclaim as one of the best children’s books about the Civil War. He appears frequently on public television and the Arts & Entertainment Network and produces a weekly Civil War program for public radio. His annual weekend June seminar, Campaigning with Lee, draws more than 130 participants from over 30 states. And his heavily enrolled Civil War classes have informed and inspired generations of Virginia Tech undergraduates.

Thim Corvin, senior director of development for capital support, will direct the fund-raising effort, which Steger said will last for two years.

Hatzios to head Virginia Ag Spring Experiment Station

By Nettie Smith-Benton

Kriton Hatzios has been named the new director of the Virginia Agricultural Experiment Station (VAES) and associate dean for research in the College of Agriculture and Life Sciences, according to Andy Swiger, dean of the college.

The Virginia Agricultural Experiment Station (VAES) performs research on food and fiber systems, their impact on the environment, and natural and human resource issues relating to the future needs of Virginia, the nation, and the world. VAES has faculty members at 12 agricultural research and extension centers, and throughout the colleges of Agriculture and Life Sciences, Human Resources and Education, Forestry and Wildlife Resources, and Veterinary Medicine at Virginia Tech.

Hatzios, who currently is head of the Department of Plant Pathology, Physiology and Weed Science, will begin his new duties November 1 following the retirement of Robert Cannell.

“I am most pleased to have such an able replacement coming on board to follow the very strong leadership Bob Cannell has provided the Experiment Station. Dr. Hatzios brings the qualities of intelligence, fairness, flexibility, and creativity that I consider essential in this important leadership role,” Swiger said.

According to Hatzios, “The Experiment Station, with its programs in four affiliated...”

(See HATZIOS on 2)

Mack to lead CALS distance-learning unit

By Stewart MacInnis

Timothy Mack, head of Virginia Tech’s Department of Entomology, has taken on leadership of the College of Agriculture and Life Sciences’ distance-education effort, according to Andy Swiger, dean of the college.

Mack will retain his position as department head. In this new leadership role, he heads up the CALS and 229 Distance Education Unit of approximately 20 people.

In addition to the on-campus faculty and staff members of the agriculture college, the unit supports faculty and staff members associated with the Virginia Agriculture Experiment Station and Virginia Cooperative Extension in the College of Forestry and Wildlife Resources, the College of Human Resources and Education, the Virginia-Maryland College of Veterinary Medicine, and in more than 130 Extension field offices and research and Extension centers across the state.

“We have already moved forward dramatically using technology for distance education in Extension, and we have made a modest start with the instructional program,” Swiger said. “Dr. Mack has the knowledge and leadership ability to move us quickly into this exciting future.”

Mack said two assistant directors will manage the two areas on a day-to-day basis. Jerry Spittle has been named to head up the computer-services division. William Murphy

(See MACK on 7)
SPECTRUM
THURSDAY, MARCH 18, 1999

HATZIOS

Continued from 1

 colleges, departments on campus, and Agricultural Research and Extension Centers off campus, will continue to address the challenges of the 21st century.

He identified those challenges as providing an abundant and stable supply of nutritious, safe, and low-priced food, fiber and forest products to meet the needs of an expanding world population; enhancing the quality of life for individuals and families and the economic and social vigor of communities; protecting and enhancing the natural resources of the state and the nation; applying cutting-edge science to problems related to food, fiber and forest, and improving the health and care of household, farm and wild animals.

Hatzios joined the Virginia Tech faculty in 1979 after earning his doctorate at Michigan State University. He also holds a bachelor's degree in agriculture from the Aristotelian University of Thessaloniki, Greece. He is recognized as a leading researcher in the area of chemical manipulation of crop tolerance to herbicides as well as in herbicide action and metabolism. During his 19 years at Virginia Tech, he has generated $1.1 million for the support of his research and scholarly programs and activities.

He has authored or co-authored more than 300 publications, including four books, 87 refereed journal articles, seven refereed reviews, 16 book chapters, 10 reviewed proceeding papers, two monographs and 168 abstracts. He also has presented 58 invited talks, half of which were made in international conferences or institutions.

His numerous awards include the Southern Weed Science Society's 1997 Scientist of the Year Award, the Weed Science Society's 1995 Fellow Award, 1994 Outstanding Research Award, and 1996 Young Weed Scientist Award. He also received the 1985 Outstanding Faculty Research Award from the Virginia Tech chapter of Gamma Sigma Delta, the agriculture honor society.

Cannell, who announced his retirement last year, has served as director of VAES and associate dean since 1995. He came to Virginia Tech in 1987 from the Welsh Plant Breeding Station as director of VAES and associate dean since 1995. He came to Virginia Tech in 1987 from the Welsh Plant Breeding Station.
PARKING UPDATE

Parking Services Announces Changes

Last year the Motorist Assist Program (MAP) was created to assist motorists in small repairs such as jump-starting vehicles and tire inflation. It can also assist motorists who have been locked out of their vehicle or run out of gas. This service is provided for vehicles on campus and is available Monday through Friday, 9 a.m.-9 p.m., by calling 1-3200.

There have been two new gravel lots created that are reserved for faculty and staff members. Almost everyone has heard of it. The Shultz Lot is located off the main paved Shultz lot. Customers are now able to purchase a parking permit using Visa or Master Card. Permits may also be purchased with cash or by check. Make checks payable to Treasurer, Virginia Tech. The 1999-2000 permits go on sale July 6.

The regular parking citation fees have increased to $20. Meter and bicycle citations are still $10. Parking at a fire lane, bus lane, or air-intake area is a $50 fine. Parking in a handicap space, handicap-access area, or unauthorized use of a permit still $100. Fines must be paid at Burrell Hall, second floor, window 8. If the fine is not received at the Office of the University Bursar within 10 days from the date of citation issuance, a $10 late fine will be added.

Vehicles may be ticketed, immobilized with a boot, and/or towed at the owner’s expense whenever a vehicle is illegally parked or when there is an outstanding balance of $200 or more in unpaid citations and late fees in Accounts Receivable. Any individual who accumulates 10 or more violations within a semester is subject to having the parking privileges and these privileges will be revoked for 120 days. At the end of the suspension period, the privilege to park will be restored if the account has been paid in full. If your vehicle is towed or booted, contact the Parking Services Office or the Police Department to make arrangements for vehicle recovery. If the vehicle is booted instead of towed, there will be a $25 fee for the removal of the boot.

For more information, call Parking Services at 1-3200, or visit the web site at http://www.vt.edu/10021/admin/parking/parking.htm.

Web site features diversity forum

By Catherine Doss

Does Virginia Tech have a favorable climate for racial, gender, and ethnic diversity? What are some of the diversity issues experienced by faculty and staff members and students? What can be done to help integrate students and faculty members from diverse cultures and backgrounds into the greater campus community? Will graduates

Black alumni reunion scheduled for March

By Clara B. Cox

Virginia Tech’s black alumni will gather on the Blacksburg campus March 26-28 to celebrate the achievements of black students and alumni at the university in the 46 years since African Americans first enrolled.

Focusing on the theme “Come See What We Started: Recapturing Our History at Virginia Tech,” the Black Alumni Reunion Weekend will feature a community summit on life at Tech in the 90s, an alumni and student networking luncheon, a recognition ceremony, a reunion of black organizations and update on their activities, and a dinner with entertainment by a jazz band.

The event will get under way at 7 p.m. on March 26 with a welcome reception in Donaldson Brown Hotel and Conference Center and conclude with closing comments at 10 a.m. on March 28 in the hotel auditorium. Registration/checkout will be held 4-9 p.m. on March 26 and continues 8:30-11 a.m. on March 27.

In the 46 years since Irving Peddrew was permitted to enroll, the number of African-American students at Tech has grown to over 800. Peddrew, who began his studies in 1953, was the first black man to attend the previously all-white university. The first black women enrolled in 1965, and by 1970, black students comprised 8 percent of the student body.

Initially, black students had to enroll in engineering, a curriculum not available at Virginia State, Virginia’s black land-grant school, and they were not allowed to live on campus or to participate in such extracurricular activities as sports. When the first black women enrolled, only one studied engineering, and the women lived in residence halls. But sports remained off-limits until Jerry Gaines, who graduated in 1971.

(See WEB on 8)

Tech research to be featured on Science Coalition Web Site

By Susan Trulove

Research at Virginia Tech will be featured on the “On-Campus” section of the Science Coalition web site, a comprehensive resource for information on federally funded science research.

Each week, the coalition highlights scientific advancements and funding research at member universities. As a premiere research institution, Virginia Tech has been noted for scientific achievement and education in the areas of human-computer interaction, biotechnology, materials, and other areas that cross disciplines. The Science Coalition web site’s mission is to feature research by faculty members and students at Virginia Tech to determine the impact of pesticides on the immune system, reduce the use of pesticides, find a genetic solution to malaria, and increase childhood immunizations. The site also connects to Virginia Tech research regarding auto-immune disease and other instances when our own immune cells are attack us, micro-organisms that can live in extreme environments, long-haul drivers’ sleep quality and performance, and bio-engineered materials for health applications. The site also tells people about the work Virginia Tech undergraduates are doing in designing, building, and operating research satellites.

The Science Coalition web site can be found on the World Wide Web at www.sciencecoalition.org. Visitors to the site can find the latest legislative news, chat with science enthusiasts in the “Science Café,” browse through the “On-Campus” archives, or read science and technology documents in the web site’s library.

The Science Coalition comprises more than 60 major public and private research universities, together with more than 350 businesses, voluntary health organizations, medical groups, health-care providers, scientific societies and individuals, dedicated to sustaining the federal government’s historic commitment to federally funded university science research.
**EVENTS**

**Thursday, 18**
Science and Technology Studies Discussion, 12:30 p.m., 132 Lane: “Urbanization of the Brazilian Amazon,” by John Browder.

**Multicultural Program, 3 p.m., Squires Multicultural Center:** “Feminism and Black Women,” Open discussion.

**Phi Beta Kappa Visiting Scholar Lecture, 4 p.m., Hillcrest dining room:** “Cultural Studies: The Political Peril and Promise of the Popular; Or, ‘Yo Quiero Taco Bell?’” by Jose Limon, Texas.

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

**Book Reading and Signing, 7 p.m., Volume Two Bookstore:** Author Charlotte Morgan.

**Guest Recital, 8 p.m., Squires Recital Salon:** John Metz and Barbara Bailey.

**Friday, 19**

**Last Day to Resign.**

**International Club Coffee Hour, 5 p.m., Cranwell Center:** “Fighting Locusts in Africa With Killer Fungi,” by Larry Vaughn.

**Faculty/Guest Artist Recital, 8 p.m., Squires Recital Salon:** Craig Field and Althea Waters.

**TAUT Workshop Production, 8 p.m., Burruss auditorium:** Original Piece Adapted From “The Man With a Flower In His Mouth,” by Luigi Pirandello.

**Saturday, 20**

**Community-wide Day of Service**

**Children’s Event, 11 a.m., Volume two Bookstore:** Meet Arthur.

**Women’s Basketball, 11:30 a.m., Greensboro Coliseum, Tennessee; NCAA regional semi-final.**

**Student Recital, 8 p.m., Squires Recital Salon:** Robin Abernathy.

**TAUT Workshop Production, 8 p.m., Burruss auditorium:** Original Piece Adapted From “The Man With a Flower In His Mouth,” by Luigi Pirandello.

**Sunday, 21**

**YMCA Hike, 1:30 p.m., meet in parking lot 403 Washington St.; Dragon’s Tooth.**

**Student Recital, 3 p.m., Squires Recital Salon:** Carey Garrard and Maureen Fish.

**Student Recital, 8 p.m., Squires Recital Salon:** Michael Posch.

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**Talk centers on pop culture**

José E. Limón will deliver a free public lecture today as part of the Phi Beta Kappa Visiting Scholar program.

Limón’s talk on “Cultural Studies: The Political Peril and Promise of the Popular; Or, ‘Yo Quiero Taco Bell?’” will begin at 4 p.m. in the Hillcrest dining room. A public reception will follow.

Limón is professor of English and anthropology at the University of Texas at Austin. His broad-ranging academic interests include cultural studies, anthropology and literature, Mexicans in the United States, U.S.-Mexico cultural relations, Chicano literature, critical theory, and folklore and popular culture. Limón has published numerous articles and several prize-winning books, including *Mexican Ballads and Chicano Poems: History and Influence in Mexican-American Social Poetry and Dancing with the Devil: Society and Cultural Poetics in Mexican American South*. He is also author of the soon-to-be-published book *American Encounters: Greater Mexico and the United States*.

Limón has earned a number of honors during his career, including several major book awards, an appointment as fellow at the Stanford University Research Center, and fellowships from the National Endowment for the Humanities and the American Council of Learned Societies. He has lectured at Stanford, Michigan, Bryn Mawr, Berkeley, the University of Virginia, and Chicago, among others, and has been a member of the National Faculty since 1989 working with public school teachers in economically disadvantaged areas of the country.

The lecture is sponsored by the Mu of Virginia Chapter of Phi Beta Kappa, the Center for Interdisciplinary Studies, the Department of Foreign Languages and Literatures, and the University Honors Program.

For more information call Mark Barrow, vice-president, Mu of Virginia Chapter of Phi Beta Kappa, Department of History, at 1-4099 or e-mail him at barrow@vt.edu.

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**Performance based on Appalachian folktales**

Bringing Appalachian music and stories to life, Angelyn DeBord and Robin Mullins will perform Lessons On Becoming A Woman: Appalachian Folktales for Growing Girls and Other Human Beings Friday, March 26, at 7:30 p.m. in the Donaldson Brown auditorium.

Lessons on Becoming A Woman is a theatrical performance based on folktales found in the Appalachian Mountains. Ballads and original songs blend with guitar and percussion to add to the dramatic elements inherent in these ancient tales. This play premiered in 1998 as part of the Harlan County Performing Arts Series.

Born and raised in an isolated area of the Smoky Mountains, DeBord is a storyteller, playwright, visual artist, director, and workshop leader. An original member of the Roadside Theater, DeBord has spent the past 20 years performing and leading workshops in America and Europe. Robin Mullins, actress, musician and vocalist, is most widely recognized for her role as the sheriff’s wife in the acclaimed film *Nell*. She is a native of Wise, has appeared in several films, and has worked for four years at the Lime Kiln Theater in Lexington.

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**BULLETINS**

**Lessons on Becoming A Woman** is co-sponsored by the Appalachian Way Student Organization, the Appalachian Studies Program, Humanities Programs, Center for Interdisciplinary Studies, the Department of English, the Women’s Studies Program, and the Women’s Center of Virginia Tech. It is part of the university’s Women’s Month events. The program is free and open to the public. For more information call 1-9593.

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**‘Voice for Native Americans’ to speak**

Leslie Marmon Silko, a Native American member of the Laguna Pueblo, will give a talk and read from her new novel, *Gardens in the Dunes*, April 1, 7:30 p.m., in the Donaldson Brown auditorium.

The author of seven books, Silko has received several writing awards, including a prestigious five-year MacArthur Foundation Grant and a National Endowment for the Arts Writing Fellowship. In addition to widely anthologized poems and stories, her works include the book of poetry titled *Laguna Woman*, the novel *Ceremony*, a book of prose and poetry titled *Storyteller*, the novel *Almanac of the Dead*, a book of essays titled *Yellow Woman and a Beauty of the Spirit*, and her new novel, *Gardens in the Dunes*.

*The New York Times* wrote, “Without question, Leslie [Marmon] Silko is the most accomplished Native American writer of her generation.” Lonesome Dove author Larry McMurtry said of Silko’s latest book, “*Gardens in the Dunes* is absolutely brilliant. In fact, I think it’s a little masterpiece.” *Publisher’s Weekly* said her new work “is a triumph of the storyteller’s art.”
Poet from Zimbabwe on campus

Musaemura Zimunya, a poet and academic from the University of Zimbabwe, will present a colloquium on “Cultural and Musical Identity in Zimbabwe: The Dynamics of Social Change” Monday, March 22, at noon in 132 Lane. The program is open to the public.

Save Our Streams meeting set

A meeting for Save Our Streams (SOS) monitors and anyone who is interested in the SOS program will be held on March 20, beginning at 11 a.m. at the Virginia Tech Museum of Natural History; 428 N. Main Street. Call for information on the topic and activity. The event is free, but pre-registration is requested at 1-3001.

Saturday Science

Saturday Science for children in grades K-3 and their parents will be held March 27, from 11 a.m. to noon at the Virginia Tech Museum of Natural History, 428 N. Main Street. Call for information on the topic and activity. The event is free, but pre-registration is requested at 1-3001.

IT 99 Conference next week

There is still time to register for the IT 99 Conference being held on March 22-23. While there is no registration fee for faculty and staff members and graduate students from Virginia Tech, registration is necessary before the end of the day on March 20.

The on-line registration site is http://www.conted.vt.edu/IT99.htm

This event at the Donaldson Brown Hotel and Conference Center is a follow-up to the highly successful IT 97 conference. It will feature more than 30 faculty members from Virginia Tech who have excelled in the application of instructional technology in their teaching. The keynote address will be given by Steve Ehrmann of the Teaching, Learning and Technology Affiliate of the American Association of Higher Education.

Lunch will be provided to all registered participants.

In addition, there is a pre-conference workshop on the Flashlight Student Inventory, and a post-conference workshop on Distance Learning. Both of these special sessions do have a registration fee.

The schedule at-a-glance is: March 21-22—Flashlight Workshop, March 22—Keynote Address, 4 p.m.; March 22—Wine and Cheese Reception, 5:30-9 p.m.; March 23—Concurrent Sessions, 8:30 a.m.-4:30 p.m.; March 24—Distance Learning Workshop.

Additional information is available at http://www.it99.vt.edu/

Diversity Roundtable Discussion rescheduled

Due to a potential conflict for several regular participants in Diversity Roundtable, the March 16 meeting has been moved to March 23 from noon-1:30 p.m. in the Squires Multicultural Center. This event is open to all faculty and staff members who want to be part of an on-going conversation on diversity.

Volume Two host three literary figures

Author Charlotte Morgan will be reading from and signing her book One August Day, Thursday, March 18, at 7 p.m. at the Volume Two Bookstore.

On Saturday, March 20, the children’s book character Arthur will be at the Volume Two Bookstore beginning at 11 a.m.

Ira Sadow, author of Gracing, will be reading from and signing copies of his book on Wednesday, March 24, at 7 p.m.

CEUT announces workshop

Peter Doolittle of Teaching and Learning will discuss practical guidelines to consider when constructing and assessing selection items such as multiple choice, matching, true-false and supply items such as essay, short answer and performance assessment. The discussion will be from 3:30-5 p.m., in the Hillcrest dining room on Wednesday, March 24.

He will discuss the relationship between objective/outcomes, instruction, and assessment; and constructing effective test items. He will also look at grading. Participants are encouraged to bring actual test items to the workshop. Pre-register by calling 1-6995, or by e-mail at ceut@vt.edu.

Lasana will portray Dunbar’s mother

Oni Lasana will present a program Tuesday, March 23, in which she plays the mother of Paul Laurence Dunbar, a Black poet and the first Black superstar, said Nikki Giovanni. Lasana will perform Dunbar’s poetry accompanied by music. The program will be at 6:30 p.m. in the Jamestown Room of the Donaldson Brown Center. Admission is free.

YMCA Open University registration begins

YMCA Open University Spring Registration will begin Monday, March 22, and continue through Friday March 26, with most classes beginning the week of March 29. To view on-line information, the address is www.vtymca.org.

Choices/Challenges forum examines designer children

Can humans redesign themselves? What are the qualities that define us as humans, and is it desirable—or acceptable—to change them? Are there limits to what should be attempted? How do we decide?

The Choices and Challenges Project will present a public forum titled “Reinventing the Human: Designer Children.” Thursday, March 25, 8 a.m.-4 p.m. at the Donaldson Brown Hotel and Conference Center. The program will offer social, political, economic, and ethical perspectives to help the community make decisions now that will affect life in the future. All programs are open to public at no charge. Registration is recommended, although not required.

The recent media focus on cloning of animals has alerted the general public to the rapid pace of work now taking place in human genetic and reproductive technologies. New genetic-engineering procedures now permit human genes to be identified and transferred. Researchers are developing these procedures to cure disorders and correct serious childhood health problems. But the techniques could also be used, before birth or during infancy, to endow otherwise healthy children with traits they would not otherwise possess or to enhance the ones they do have. The possibilities go beyond changing physical appearance such as height and build and might include intelligence, athletic skills, personality, and behavior.

How do these recent advances in genetic engineering impact our ethical and social decisions concerning the reinventing of children? Is it ethical to create the perfect baby through genetic technology, and who decides what perfect means? The forum is divided into three parts: morning discussion sessions providing background information from presenters; afternoon sessions featuring invited speakers, and a panel discussion with presenters from the fields of political science, medical ethics, philosophy, history, and child development; and afternoons sessions offering further discussion on issues of public policy. Sessions include such topics as “Cloning and Public Policy,” “Genetic Explorations in Science Fiction,” “Female Bodies and Dilemmas,” “Religious Perspectives,” and “Patterns of Child Development.”

The main session will include panelists Robert F. Murray Jr., author of Genetic Variation and Disorders in Peoples of African Origin; Diane B. Paul, author of Controlling Human Heredity and The Politics of Heredity; Gail S. Ross, chief psychologist for several children’s programs at New York Hospital; Anita Silvers, author of Disability, Difference, Discrimination; and LeRoy B. Walters, author of The Ethics of Human Gene Therapy.

The PBS Adult Learning Satellite Service will broadcast an edited version of the main panel session nationally. An on-line web-based discussion group will provide the opportunity for the community to debate the issues and submit questions in advance of the forum.

The group can be found at http://www.cis.vt.edu/choices/challenges.

The Choices and Challenges project is a public-outreach program that explores the social and ethical dimensions of science and technology. Topics covered range from genetic engineering to computer network technologies to the use of environmental resources. The project offers unique programming that encourages dialogue among professional and lay members of the university and regional communities. Videotapes, audiotapes, and transcripts of many previous forums are available.

Program brochures, which include a pre-registration form, can be obtained by calling the Choices and Challenges office at 5182, or by contacting the Choices and Challenges office at 254 Lane Hall (0227); calling 1-6476; or sending e-mail to: choices@vt.edu.

This Choices and Challenges forum is presented by the Center for Interdisciplinary Studies at Virginia Tech. Support has been provided by the Outreach Division of Virginia Tech and by the Virginia Foundation for the Humanities and Public Policy.
EMPLOYMENT

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: Center: 69196; Technical/Research: 1-6161; Service Trades: 1-6176; Professional and Managerial: 1-4649; Information Technology: 1-2223. 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, Communications Network Services, 2325D, Grade 8.
Business Analyst (Accountant), Physical Plant, 2339P, Grade 11.
Electronics Technician, Electrical and Computing Engineering, 7435J, Grade 10.
Executive Secretary, University Development, 2226D, Grade 6.
Fiscal Assistant, University Development, 7437D, Grade 5.
Food Operations Assistant B (3rd Baker), Residential and Dining Programs/Southgate Bakeshop, 2986H, Grade 2.
Food Operations Manager B/Executive Chef, Residential and Dining Programs/Wons/Dining Center, 0029H, Grade 10.
Grounds Worker Senior, Physical Plant, 2333P, Grade 3.

Instructors
Department of Economics, Associate/Full Professor. The department invites applications for a senior-level position beginning fall 1999. The department has a specific need in the areas of empirical microeconomics and applied econometrics but will consider empirically oriented candidates in any field. Applicants must have a Ph.D. and a strong interest in teaching graduate and undergraduate courses. A strong commitment to excellence is required. The position will begin fall 1999. The department will review applications until the position is filled. Contact: Djavad Salehi-Isfahani, Head; Dept. of Economics (0316); 3016 Pamplin Hall, Virginia Tech; Blacksburg VA 24061. Phone: 1-3717; fax: 1-3371; e-mail: coswers@vt.edu.

Tax Preparation Specialist, University Development, 7405D, Grade 10.

Part Time
Animal Care Technician A, Veterinary Teaching Hospital, W022155M, Grade 3.
Electronic Technician Senior, Engineering Science and Mechanics, W022588J, Grade 10.
Enrollment Svcs Assistant (Academic Adviser), Computer Science, W022613T, Grade 7.
Fire Extinguisher Trainer (Security Officer Senior), Environmental Health and Safety Services, W022637T, Grade 7.
Food Operations Assistant A, Residential and Dining Programs, W022314H, Grade 1.
Food Operations Assistant B, Residential and Dining Programs, W022315H, Grade 2.

Grounds Worker, Golf Course, W020798G, Grade 4.

Housekeeping Worker, Residential and Dining Programs, W022490H4, Grade 1.
Laboratory Aide, College of Veterinary Medicine, W020811M, Grade 2.
Office Services Specialist, University Registrar, W022413T, Grade 5.

Pharmacy Supervisor, Veterinary Teaching Hospital, W022501M, Grade 15.
Program Support Technician, Research and Graduate Studies, 7413J, Grade 6.
Programmer, College of Veterinary Medicine/Bio-medical Sciences and Pathobiology, W022623M, Grade 10.
Programmer, Communications Network Services, W022504D, Grade 10.
Research Specialist, OIRD, W022635G, Grade 8.

Grounds Worker, Residential and Dining Programs, W022504D, Grade 10.

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

Television/Video Production Technician, Athletics, LC072, Grade 7.

Faculty Positions
Virginia Cooperative Extension, Extension Agent, Agriculture and Natural Resources. The successful candidate will be lecturer rank, non-tenure-track, professional faculty. Agriculture and Natural Resource agent positions have area responsibilities in their program specialty. Salary is commensurate with qualifications and experience. Position is forestry and natural resources Extension agent, central district: Requires an ability to assess educational needs, develop and deliver educational programs to forest landowners, loggers, forest industry workers, natural resource professionals, and extension agents; respond to requests for forestry and natural resources information and work closely with the forest products industry and other state agencies. Responsibilities: Agents must determine educational program needs; design programs to meet needs of target audiences, specify program goals and objectives, and identify resources; use appropriate technologies to plan and deliver programs through workshops, seminars, conferences, one-on-one visits, field trips and tours; maintain knowledge of current research information; develop computer applications; other duties as assigned. Qualifications: Master’s degree required or imminent; degrees in forestry and natural resources or related field required. Ability to communicate effectively, orally and in writing; ability to recruit, train, and manage volunteers; experience in relating with people. Experience in planning, implementing, marketing, and evaluating educational programs in a related area preferred. Computer/ computer software knowledge required. To apply: Submit a letter of intent, a complete resume, official undergraduate and graduate transcripts (copies acceptable), and three letters of reference. Internal applicants may submit a letter of application, a copy of the most recent faculty report, and 3 letters of reference. Review begins April 2, and continues until position is filled. Send to: Carolyn Sowers, Virginia Cooperative Extension (0437), 105-D Hutcheson Hall, Virginia Tech; Blacksburg VA 24061. Inquiries will be received at 1-7619; TDD user: 1-800-628-1120; fax: 1-5545; e-mail: coswers@vt.edu.
PE Central nets one million hits in just one month

By Jean Elliott
PE Central bills itself as the “ultimate web site for K-12 physical educators.” And there is strong evidence to support this claim. For the first time ever, in February, 1999, PE Central had over one million page views (hits).

According to PE Central’s Executive Editor Mark Mannos, this was especially surprising because February only has 28 days and it was thought that this would be a slower month. However, it appeared that PE Central became an essential part of the physical education resource Internet for educators during the winter months.

MACK

Continued from 1

assumed the role of assistant director for distance education.

“I see my role as providing leadership and vision, and to serve as a spokesperson for the unit,” he said. “We will have the experts on the equipment and software. Our mission is to help faculty members and others employ these resources. We don’t want to stifle creativity by telling people how to use them; rather, we want to use our technical knowledge to help bring their vision to reality.”

Nick Stone, professor of entomology, was director of the unit until late last year, when he returned to teaching and research duties. Under his leadership the unit made great strides in developing the computer infrastructure and in training faculty and staff members to use the technology, Mack said.

“Now, we’re ready to build on that,” Mack said. “We certainly won’t ignore that side of it—the CALS and 229 Distance Education will still provide support. Now that very important phase has been accomplished, we’re at a point where we can re-direct the efforts of some of our people to help us reach a new level. It’s a pleasure for me to assume this new role. I’m eager to help the faculty and staff move forward in this area.”

The Internet will have an important role to play in Mack’s vision for increasing distance-education efforts. The Internet is an integral part of a class he teaches, Insects in Human Society. The on-campus session of the class has grown from 10 students in the fall of 1999 to 531 students last semester. A distance-education version of the class has grown from nine students in the fall of 1997 to 475 students this semester. Mack said he will continue to teach the distance-education version of the class, though other faculty members in the Entomology Department will take over the classroom version.

EMPLOYMENT

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Virginia Cooperative Extension. Extension Agent, Agriculture and Natural Resources (re-advertisement). The successful candidate will be lecturer rank, non-tenure-track, professional faculty. Agriculture and Natural Resource agent positions have area responsibilities in their program of specialty. Salary is commensurate with qualifications and experience. Position is #111090, animal science Extension agent II, has area preferred. Computer/computer software experience is required. Experience is preferred for experience with Excel and Word software. Experience with global-positioning systems is a plus. Responsibilities: Primary responsibility will be to assist in planning and conducting land-rehabilitation activities. Monitors the progress of land-rehabilitation projects. Assists in the management and monitoring of endangered and threatened species. Assists in controlled burning operations. Salary: $18,000-$32,000, dependent upon experience. To apply, submit a resume with cover letter responding to each of the qualifications. Include names, addresses and telephone numbers of three references. Applications must be received no later than May 2, 2000. Send to: Robert Wheeler, Fort Pickett Natural Resources (VANG-FE), 9th and Rives St. BLDG. 320, Blackstone VA 23824. Phone: (804) 292-8501.

College of Agriculture and Life Sciences, Virginia Cooperative Extension. Assistant Professor/Extension Agent. The position is within the Department of Animal Science, with special emphasis on research and extension in the area of animal nutrition, health, and production. Responsibilities include (1) livestock and companion animal nutrition research and extension, (2) teaching undergraduate courses in animal nutrition, and (3) extension leadership with outstanding program accomplishments. Responsibilities include (1) livestock and companion animal nutrition research and extension, (2) teaching undergraduate courses in animal nutrition, and (3) extension leadership with outstanding program accomplishments. Responsibilities include teaching undergraduate courses in animal nutrition, and (3) extension leadership with outstanding program accomplishments. Responsibilities include teaching undergraduate courses in animal nutrition, and (3) extension leadership with outstanding program accomplishments. Responsibilities include teaching undergraduate courses in animal nutrition, and (3) extension leadership with outstanding program accomplishments.

THURSDAY, MARCH 18, 1999 SPECTRUM 7

Study tour of European cities offers students three credit hours

By Sally Harris

If a growing human population is to live within the natural limits of the Earth, we must find ways to make our urban settlements environmentally sustainable. While the entire planet faces this challenge, European nations have experimented most aggressively and made the most progress toward creating sustainable cities.

A study tour has been established to visit Denmark, England, Germany, Sweden and The Netherlands to observe sustainable technologies and practices. Participants will see innovative housing arrangements, auto-free communities, alternative energy systems, prototype “eco-villages,” creative waste treatment and utilization, and other efforts to make urban settlements compatible with nature. Students will consider the social, economic, and political aspects of these efforts, as well as the technical issues.

The Central started at Virginia Tech but has quickly expanded into a web site that has contributors from throughout the world. The site invites physical educators to share their original ideas with other physical educators with full credit given when these submissions are published on the web site.

PE Central wants to hear from physical educators at all levels, pre-school through college, who would be interested in serving as a reviewer, enter(ed)-ediitary studies, political science, or urban affairs and planning credit. Total cost for students will be $200.

Mack will depart for London June 18 and return from Sweden July 2. Travel will be primarily by train, and the students will stay in each of several cities a few days with day trips to other locations.

Students will earn three hours of pass/fail field-study credit that can be taken for geography, enter(ed)-ediitary studies, political science, or urban affairs and planning credit.
In Other News

Diversity seminar for faculty members

By Clara B. Cox

Members of the faculty can learn strategies and offer suggestions for diversifying the university community via an interactive seminar, "Improving the Status of Women and Minorities at Virginia Tech," which will be held 3:30-5 p.m. Monday, March 29, in Owens banquet room.

"If Tech wants to remain a player in the national and international education sweepstakes, it must address the diversity issue squarely and boldly. We must identify, recruit, nurture, and successfully graduate significantly greater numbers of minorities and women. And, to achieve this goal, we also have greater diversity of our faculty, staff, and administration."

RDP chefs share their skills

By Lori Greiner

Have you ever wondered how to create an ice sculpture, bake bread or decorate a cake? These are just a few of the skills shared by Residential and Dining Programs executive chefs during the Chef Series demonstrations held at the Depot at Dietrich and Shultz Dining Center.

RDP's Executive Chef Program gives Steve Everett, executive chef of Shultz Dining Center, and David Haaf, executive chef of the Depot at Dietrich, an opportunity to interact with their customers. The Chef Series allows them to share their talents and skills through a series of culinary demonstrations held in the dining rooms throughout each semester.

The Chef Series demonstrations provide students with a hands-on learning experience. "We wanted to let our students know that our dining centers are not typical. We have educated, well-trained personnel who are committed to providing a high-quality dining experience," said Deon Latagie, associate director for board operations. "The Chef Series provides us with an opportunity to showcase our chefs' talents and teach students some culinary techniques."

Three to five Chef Series demonstrations are scheduled throughout the semester at the Depot at Dietrich and Shultz Dining Center. Demonstrations range from cake decorating to the basics of bread-making and ice-carving techniques to truffle making. Haaf and Everett bring their kitchen center stage in the dining rooms during dinner.

Although it is not necessary, students are encouraged to sign up ahead of time to guarantee a seat and an opportunity to participate. The demonstrations are hands-on, allowing participants to try what they have been taught. It is not uncommon to catch them kneading dough or frosting a cake. Participants often take samples of their creations home to share with their friends and roommates.

Through this program, students have the opportunity to learn from some of the best that RDP has to offer. RDP currently has five executive chefs on staff in the dining centers. Everett and Haaf work in the board operations facilities.

Everett has been with RDP five years and is currently the executive chef at Shultz Dining Center. He attended culinary school in Washington, D.C. where he was elected sous chef and graduated at the top of his class. He went on to work at the House of Representatives Restaurant on Capitol Hill.

Haaf received his A.A.S. degree in culinary arts and ACF Certification from Kirkwood Community College in Cedar Rapids, Iowa. He went on to work for the Hyatt Corporation in Chicago, Ill.

For more information about upcoming Chef Series demonstrations or other dining center special events visit the RDP web site at http://www.rdp.vt.edu/whatscooking/.

Study Tour

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approximately $2,500. This will cover in-state tuition, airfare, ground transportation, lodging, and tours. For those paying out-of-state tuition, the total cost will be approximately $3,400. For those not receiving academic credit, the cost will be approximately $2,100, excluding meals.

The program is open to all majors and is acceptable to students from other universities as well as Virginia Tech. Students must have 60 hours of credit and a GPA of at least 2.5 to be accepted.

To apply, pick up an application form from the International Studies Office in 531 Major Williams on the Virginia Tech campus, complete the form, and return it to the International Studies Office in 119 Major Williams or the political science office by March 31. Final acceptance into the program will require a brief personal interview with the instructor.

For more information, call Richard Rich at 1-6571, e-mail him at urban@vt.edu or visit him in 531 Major Williams Hall.

Cesa director to leave position

By Clara Cox

Arthur E. Hirsh, director of the university's Center for European Studies and Architecture (CESA) at RITA, a robot and design major, will resign his position, effective June 30, and will teach in the history department on the Blacksburg campus beginning fall semester.

"I am ready to return home to the United States," Hirsh said in announcing his resignation. He directed CESA operations for two years.

"I served at CESA at an important time in the development of the center. We were going through a change from a period when it was not always full to the present situation where we cannot meet all the demand, even in the summer. During this period of transition, Art succeeded in upgrading the computer and communications capabilities and in establishing the budget. Students continue to praise the CESA experience as the most meaningful one of their college years," said Lyn Gray, director of international programs.

Hirsh said he is "especially proud" of his accomplishments in the areas of budget, computer technology, and relations with the University of Ticino. He also pointed to the stabilization of the overall operations of the center and improvements in the recruiting processes for both semester-length and summer programs.

More than 250 Virginia Tech students participated in study-abroad programs at the center during his tenure.

Before joining the Virginia Tech faculty, Hirsh chaired the arts and sciences department at Newberry College, where he holds a Ph.D. in history from SUNY at Binghamton and two master's degrees: one in history from SUNY at Binghamton and one in philosophy from the University of Ticino.

Hirsh said he will actually complete his duties at CESA at the end of the spring semester. "If Tech wants to remain a player in the international education community, a session to share effective strategies," said Benjamin Dixon, program director. "We hope to put someone in place by January, 2000. Meanwhile, we are working on an interim arrangement."

Students earn awards at TECA

By Jean Elliott

Imagine a complex engineering problem—such as conceptualizing, designing, and constructing a transportation device or craft for optimal efficiency. This year's contest required students to imagine a conceptualizing, designing, and constructing a transportation problem-solving as well as automated-systems design.

The manufacturing competition is a live event that lasts about two hours. Students are given a set point. The team consisted of Kimberly L. Biggs, Patty Watson and Vince Lodowick, all technology-education majors.

The automated-systems design contest challenged students to analyze a typical automated system problem and then design and apply a solution to the problem. This year's student designed an automated system which involved programming a robot to move a vehicle to a given location, simulate spot-welding on the vehicle, and move the vehicle to the next location. The team consisted of Joshua Thom, Matthew Oakley, Thomas Salvesen, and Charles Norwood, all technology-education majors.

Other students who participated in contests included Julie Ellis, Nick Cornwall, Andrea Harpino, Joe Taylor, Erin Caggrett, Mike Piccone, Jon Bair, Pete Brown, and Henry Hurburt.

Web

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These are just some of the topics available for electronic discussion on a new web site developed by the Office of the Provost. The site, containing a university forum along with links to a number of campus, community, and national resources.

"The diversity forum is one way that we are using technology to create a dialogue among students of the university community," said Ben Dixon, vice president for multicultural affairs. "We want to foster a sense of community and provide a place for productive and open exchange of ideas about issues pertaining to campus diversity."

In addition, the diversity web site contains links to a variety of resources, information on campus diversity organizations, minority recruitment and scholarship information, a diversity calendar, and a listing of academic programs focusing on diversity. Browsers will also find information on the university's equal opportunity and affirmative action policy, diversity Web pages of colleges and departments, and information on University reports on campus climate and diversity.

The web site, portions of which are still being designed, is located at www.diversity.vt.edu.