Congresswoman Waters to give Black History Month keynote

By Claire B. Cox

Congresswoman Maxine Waters (D-Calif.), an advocate for women, children, people of color, and the poor, will deliver the keynote address for Virginia Tech’s Black History Month celebration.

Waters will speak at 7 p.m. on Thursday, Feb. 3, in the Donladson Brown Hotel and Conference Center auditorium. Her talk is open to the public.

Waters represents the 35th District of California, which includes a large part of South Central Los Angeles and the cities of Gardena, Hawthorne, and Inglewood. Now serving her fifth term in the U.S. House of Representatives, she has been appointed chair of the Democratic Caucus in the 106th Congress. She is a member of the House Committee on Banking and Financial Services, Committee on the Judiciary, and Subcommittee on the Constitution. She is the ranking member of the Domestic and International Monetary Policy Subcommittee and also serves on banking subcommittees on General Oversight and Investigations and on Housing and Community Opportunity.

In Congress she played a major role in winning approval and funding for the Emergency Development Loan Guarantee Program, which authorized $10 billion in Section 108 loan guarantees to cities for economic and infrastructure development, housing, and small-business expansion; for her Youth Fair Chance program, which received a $50-million appropriation to establish an intensive job and life-skills training program for unskilled, unemployed youth; and her Community Development Bank Bill, which helped lead to the president’s initiative that provided $360-million over four years in lending in underserved areas.

She also won expanded U.S. debt relief for Africa and other developing nations and won passage of legislation creating a Center for Women Veterans within the Department of Veterans Affairs to coordinate programs and help implement policies affecting the growing number of women veterans.

Following civil unrest in Los Angeles in 1992, Waters spoke via the national media to urge public understanding of the hopelessness and despair in cities across the country. Peter Jennings of ABC-TV World News Tonight described her as “a woman who simply will not go unheard.”

To focus attention on the plight of inner-city residents, Waters introduced legislation that would provide $50 million over four years in loans to community development banks.

(See ARCHITECTURE on 4)

Tech earthquake center prepares Southeast for tremors

By Liz Crowley

The most damaging seismic event in the United States before the 1906 earthquake and fire that destroyed San Francisco occurred in coastal South Carolina in 1886. The Charleston earthquake, which caused structural damage as far away as Richmond and Atlanta, reached an estimated magnitude of 7.3 on the Richter scale—essentially the same magnitude as the shock that killed more than 17,000 people in northwestern Turkey in August 1999.

In addition to the severity of these two earthquakes, another ominous similarity exists. “In terms of seismic vulnerability, many buildings in the southeastern U.S. today are similar to those in Turkey,” said James Martin, an associate professor of civil and environmental engineering (CEE) who went to Turkey to study the effects of that earthquake. “In neither place is there adequate structural protection of buildings. If another 7.3-magnitude earthquake hit Charleston today, the city would suffer much the same damage as cities in Turkey.”

(See EARTHQUAKE on 4)

Architecture center plays key role in King Memorial Competition

By Sandy Broughton

The College of Architecture and Urban Studies’ Architecture Center is playing a key role in the international design competition for a memorial to honor Martin Luther King Jr. on the campus of Virginia Tech.

Jaan Holt, director of the center and a Virginia Tech faculty member, and LaVeone Wells-Bowie, a center consortium member and an architecture faculty member from Florida A&M University, are serving as competition consultants for the project. They have designed promotional posters and programs, surveyed the site, coordinated aerial photography and climatology information, and are receiving design entries.

The National Capital Planning Commission unanimously chose a four-acre site on the Tidal Basin to honor King. The King memorial will be located between the Lincoln and Jefferson memorials, near the tribute to Franklin D. Roosevelt, in one of the nation’s most visited and visible open spaces. The Lincoln Memorial was the location where King delivered his “I Have a Dream” speech to millions at the March on Washington in 1963.

Alpha Phi Alpha Fraternity, the nation’s oldest traditionally black Greek-letter fraternity, of which King was a member, is spearheading the project and has been given permission by the Congress of the United States to raise funds for the memorial. “We are truly honored to have the opportunity to build a memorial that will transcend our own time,” said Adrian L. Wallace, general president of Alpha Phi Alpha. “It will extend to generations to come an opportunity to follow in the path of non-violence and inclusiveness. This memorial will honor the man, the movement, and the message.”

The bill to create the memorial was sponsored by Senators John Warner of Virginia and Paul Sarbanes of Maryland.

Public announcement of the King memorial competition was made in December. The Spectrum encourages submission of brief university-related news items for publication in the Bulletins section.

(See SEARCH on 4)

Spectrum encourages submission of brief university-related news items for publication in the Bulletins section.
Cardiac Rehabilitation Week features special open house

By Joan Elliott
The Therapeutic Exercise and Community Health (TECH) Center at Virginia Tech is observing National Cardiac Rehabilitation Week (February 6-12) with a special open house. Open to residents of the New River Valley, the TECH Center offers programs designed to increase awareness in health, nutrition, fitness, and exercise.

On Friday, Feb. 11, the TECH Center will showcase its offerings with an open house at its location in War Memorial Hall from 7 to 8:30 a.m. The open house is an opportunity to learn more about the center’s supervised exercise programs and risk-factor-reduction services.

Participants will also have access to free blood-pressure screenings, activity-level assessment, and may discuss any exercise or nutritional concerns with professional staff members. In addition, representatives from the American Heart Association and the state health department will be on hand for consultations. A continental breakfast will be served and guided tours of the facility will be offered.

The center is a non-profit community service that is operated through the College of Human Resources and Education’s exercise physiology program, a branch of the Human Nutrition, Food, and Exercise Department.

The TECH Center serves people with a broad range of health concerns and goals. It can help people who have coronary risk factors such as high blood pressure, high cholesterol, or a sedentary lifestyle. The program has greatly expanded over the last year to assist those with chronic health conditions such as diabetes, arthritis, chronic back problems, fibro-myalgia or orthopedic problems. There is also screening and rehabilitative programming for people who have had recent medical procedures or have lost weight.

The TECH program’s medically supervised exercises include walking, jogging, stationary cycling, rowing, swimming, and aqua-aerobics. Services designed to reduce the risk of disease include nutrition and diet counseling, stress management, and teaching skills for lowering heart-disease risk factors.

In addition to medical personnel and other professional staff members, graduate students in clinical exercise physiology and undergraduates in human nutrition, foods, and exercise work with professional staff members to maximize individual attention provided to participants.

Those planning to attend the open house should RSVP. Call 1-7277 or e-mail Wright at janewright@vt.edu.

Seminars
Friday, 28
Highlands in Chemistry, 11 a.m., 3 Davidson: Kathryn Ulrich, Rutgers.

Monday, 31
Veterinary Medicine, 8:30-9:30 a.m., Heritage Room, VMEMCV, Carol Wyatt, Washington State.

Horticulture, 4 p.m., 408 Sanders: Elissa Stevens.

Tuesday, 1
National Resources, 3 p.m., 315 Cheatham.

Geological Sciences, 4 p.m., 4069 Derring: Knut Bjørljikke, AAPG.

Horticulture Gardens, 7 p.m., Greenhouse Classroom: Becky Healy.

Wednesday, 2
STS, 4:30-5 p.m., 132 Lane: Frederic J. Baumgartner.

Thursday, 3
Geological Sciences, 4 p.m., 4069 Derring: James H. Knapp, South Carolina.

Friday, 4
Highlands in Chemistry, 11 a.m., 3 Davidson: Matthew Turell, UCSB.

Events
Friday, 28
Black History Program, 11:30 a.m.-1:30 p.m., Women’s Center: Myra Gordon.

Women’s Basketball, 7 p.m., Cassell Coliseum: Dayton.

YMCA Open University Registration, 9 a.m.-6 p.m., YMCA Office.

Saturday, 29
Men’s Basketball, 2 p.m., Cassell Coliseum: Massachusetts.

Music Program, 8 p.m., Squires Recital Salon: Audible Quartet.

Sunday, 30
Women’s Basketball, 2 p.m., Cassell Coliseum: Xavier.

Music Program, 3 p.m., Squires Recital Salon: Audible Quartet.

February
Tuesday, 1
Salary and Wage Paydate.

Multicultural Month Begins.

University Leadership Development, 9 a.m.-4 p.m., DBHCC: “Effective Project Management.”

Book Signing and Reading, 4-6 p.m., Volume II

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Activities
Bookstore: Lucinda Roy.

Black History Program, 7-10 p.m., DBHCC: Harlem Renaissance Costume Ball.

Wednesday, 2
University Leadership Development. 9 a.m.-4 p.m., DBHCC: “Effective Project Management.”

Black History Program, 7-9 p.m., Black Cultural Center: Discussion.

“With Good Reason,” 7 p.m., WVT: Politics Impolitic, guests include Robert Denson.

Women’s Basketball, 7 p.m., Cassell Coliseum: George Washington.

Thursday, 3
CEUT, 3:30-5:30 p.m., Hillcrest: Peter Doullittle, Writing Better Multiple Choice Questions.

Black History Program, 7-9 p.m., DBHCC: Maxine Waters.

Men’s Basketball, 7 p.m., Cassell Coliseum: St. Joseph’s.

Friday, 4
Black History Program, 11:30 a.m.-1:30 p.m., Women’s Center: Prejudice Reduction Workshop.

Book Signing and Reading, 4-6 p.m., Volume II

Bulli...
Spectrum, a faculty-staff tabloid, is published each Friday during the academic year with the exception of winter breaks, exam weeks, and the summer. Copy is due at 4:30 p.m. on Wednesdays. Distribution begins at 9 a.m. on Fridays. Employment Classified Positions are a non-profit publication of the Office of University Relations. Lawrence W. Whalen, associate director, and Desiree Hafner, associate director for Public Affairs.

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www.depts.vt.edu/officeenespecs/privacy.html

The classified positions are currently available. More details of these po- sitions, specific application procedures and position-dosing dates may be found on the Personnel Services web site at http://www.pers.vt.edu. Available positions are also listed on the Job Line, a 24-hour recorded message service. For information on all job list- ings, call 1-5300. Some of the following positions include state benefits. Positions with numbers beginning with a "9" are hourly and do not include state benefits. Individuals with disabilities desiring assistance or accommo- dation in the application process should call by the application deadline.

Closing date for advertised positions is 1 p.m. Monday. An EO/AA employer commit- ed to diversity.

Full Time
Animal Care Technician B, 26747M, Grade 5, Veterinary Teaching Hospital.
Animal Care Technician C, 26399M, Grade 7, Veterinary Teaching Hospital.
Applications Analyst, 7354D, Grade 0, Computing
Banner Desktop Support Technician, 7409D, Grade 0, AIS.
Roller Operator Assistant, 3383C, Grade 4, Power Plant.
Capital Outlay Program Manager, 75437B, Grade 9, Capital Design/Construc- tion.
Computer Operations Technician Se- nior, 1054D, Grade 8, Test Scoring.
Control Desk Attendant (Office Ser- vices), 12396, Grade 4, Human Relations.
Development Associate for Student Calling Program, 1490C, Grade 8, University Development/Annual Giving for Programs.
Development Program Researcher, 75584M, Grade 7, University Development.
Fiscal Technician Senior, 7446C, Grade 8, University Development.
Six full-time food-operations positions available; two part-time positions.
Food Operations Manager B/Execu- tive Chef, 17814H, Grade 10, Residential/ Dining Programs.Crocke Dining Hall.
Food Operations Manager B/Execu- tive Chef, 0837M, Grade 10, Residential/ Dining Programs.West End Market.

University Only
Animal Care Technician C, 7557M, Grade 7, CVM/Animal/MEC.
Off Campus
Animal Care Technician B, 5422M, Grade 5, CVM/Path/Exercise Center.
Evening Announcer, 1962D, Grade 8, WVTF.
Executive Secretary Senior, 6186M, Grade 7, VCE—Southwest District.
Office Services Assistant, 6605S, Grade 4, HNFE.
Program Support Technician, 5792M, Grade 6, VCE—Southampton Campus.
Executive Secretary, 5481J, Grade 5, Educational/Legal/Policy Studies.
Secretary Senior, 5148M, Grade 9, VCE—Henry County.

Faculty Positions

INSTRUCTIONAL
Department of Foreign Languages and Literatures. Visiting Assistant Pro- fessor of French. Contact: Judith Shrum, 331 Majors Williams (0255). Review begins March 1

NON-INSTRUCTIONAL

Scholarships available for faculty-staff dependents, spouses

As a result of funds donated by Virginia Tech employees, scholarships are now available for full-time freshmen or entering transfer students who are dependents or spouses of Virginia Tech staff and faculty members.

The purpose of this scholarship is to assist families of Virginia Tech full-time employees in supporting their dependents and spouses as students at Virginia Tech. Two scholarships of $300 each will be awarded for freshmen or entering transfer students for the 2000-01 academic year. One scholarship will be awarded based on need and one will be awarded based on merit.

To qualify for this scholarship you must be a dependent or spouse of a full-time staff or faculty of Virginia Tech, incoming freshman or entering transfer student in a baccalaureate degree program, and enrolled full time at Virginia Tech.

These scholarships will enable more dependents and spouses of employees to attend Virginia Tech, which will further strengthen the Virginia Tech community. Funds for this schol- arship were solicited through the Office of University Development and are administered by the Dependent and Spouse Scholarship Com- mittee.

Contact the Office of Scholarships and Financial Aid. For information and more in- formation on this scholarship, the deadline for receipt of applications is March 1. The website with information about this scholarship is http://www.finaid.es.vt.edu/homepage.html. To do- nate to this scholarship fund, contact the Office of University Development at 1-2810.

WATERS

Continued from 1

City communities, she has also hosted numerous city campaigns, she has also hosted numerous

by Edw. Kennedy, Jesse Jackson (twice), and Clinton

community organizer and grassroots activist, she co-founded Black Women’s Forum, a non-profit organization of over 1,200 African American women in the Los Angeles area. She founded Project Build, which works with young people in Los Angeles housing projects on job training and placement. Following the 1992 civil unrest, she founded Community City, the building’s grassroots rebuilding project. As a human rights advocate, Waters worked on the National African Congress leader Nelson Mandela in the movement to end apartheid and was arrested in a protest against the apartheid regime. In 1994, she was part of the official U.S. delegation to Mandela’s inauguration as president.

Before her election to the U.S. Congress in 1996, Waters gave 14 years in the California State Assembly, where she rose to the position of Democratic Caucus Chair.

Waters earned a bachelor of arts degree at California State University in Los Angeles, and became a teacher and volunteer coordinator in the Head Start program. Active in political campaigns, she became the chief deputy to a Los Angeles city councilman before her election to the California State Assembly in 1976.

For more information on Black History Month events, call Kimberly phosph at 1- 3717.
On-line courses allow Swenson to jumpstart career

By Sally Harris

Emily Swenson not only will be able to do internships in Newport News this semester, but, because of the availability of on-line courses, will be able to continue taking courses at Virginia Tech at the same time.

Swenson, a junior-political science major, will not only be working a 40-hours-per-week internship at City Hall in Newport News, where she also worked awhile during high school, but will also be taking four on-line classes and doing an independent study this semester. During her “free” time, she’ll be helping build houses for Habitat for Humanity.

“Students can jumpstart their careers by interning during the spring semester of their junior year, as Emily has, combining work experience with regular course work,” said Doug Eckel, professor of political science and assistant dean of the College of Arts and Sciences. “They also often encounter less competition for some of the top summer internships, which fill very quickly. Emily is an excellent example of what students can accomplish using the new instructional technologies such as distance learning and on-line courses in combination with the university’s expertise in experiential learning and career preparation.”

Swenson started her internship the week before the Sugar Bowl took a week off to watch the Hokies vie for the national championship, and then started working again the next week. “I’m a research-intensive intern,” said Swenson about her job at Newport News government, Swenson chose to participate in municipal government. She has part-time employment with Professor Karen Hult in political science and university relations before being named to the position.

“Her on-line experience will help her in her job. The Newport News government, Swenson said, is emphasizing technology. “They are trying to achieve a goal of putting high-tech work stations in every one of their schools,” she said. Swenson attended Heritage, a technical magnet high school in Newport News that had a wing devoted to technological subjects; but, as a senior, she was not involved with that program. It did, however, spark her interest with all its mechanical, technological, and electrical apparatus. The government, she said, wants such a technological program in each of its schools.

The city is trying to make everyone aware that technology is becoming extremely important in all aspects of our society and that acquiring knowledge of technology is the way to prepare for the work force, she said. “I think it’s great when we have middle-schoolers who are exposed to this technology before the city manager does,” she said, “because then we know we’re going somewhere.”

SEARCH

Continued from 1

Brian Slingerland, Parents’ Committee representative Carolyn Foreman, and Gene Jones, past president and member of the foundation board. Kim O’Rourke will serve as search coordinator.

According to Minnis Ridinour, chair of the search committee, “An executive search firm, Baker, Parker & Associates of Atlanta, has been retained to assist the search committee with the recruitment and screening of applicants.”

Ridinour said that the search committee intends on forwarding a small number of finalists to the university community. After the interviews, the committee will recommend to President Charles Steger approximately three candidates, from which he will appoint the next vice president.

Steger was vice president for development and university relations from 1991 to 1995, when he was named to succeed President Paul Torgersen.

ARCHITECTURE

Continued from 1

competition will continue through May, 2000. A panel composed of noted professionals in architecture, landscape architecture, and fine arts will judge entries. The King National Memorial Project Foundation has established a web site, designed and hosted by BellSouth, which will continually update developments surounding the project. It is located at www.mlkmemorial.org. Individuals or teams may submit entries and inter-disciplinary teams are encouraged to enter. Registration information is available through the Martin Luther King Memorial Project Foundation, Department 211, Washington, DC, 20055-0211, or calling 410-554-0040; extension 110.

This is the third world-wide competition for the ECSUS already has been provided by the U.S. Geological Survey and more is expected from Virginia Tech, the South Carolina Department of Transportation, and other government agencies and private companies.

Updating seismic hazard maps and earthquake detection and mitigation technology is a major goal for the ECSUS.

“Very little research on seismic hazard mapping has been conducted specific to the Southeast,” Martin said. Most of the latest maps for the region have been developed from Virginia Tech’s catalog of historical and seismic-instrumentation data, and the university’s monitoring network is key element to future ECSUS work. However, he said, there is an urgent need for regional hazard mapping, especially in urban areas.

Currently, Chapman said, hazard maps available in the Southeast are not adequate for EICSU’s needs of the region. We also want to promote earthquake-hazard maps and recent findings on soil change and help adapt the technology to the areas most in need of such maps.

The ECSUS will manage the transfer of such data and technology to the Southeast. For example, Martin says, engineers who are building a bridge in an earthquake-prone area of South Carolina need to use the latest seismic engineering technology and building-code criteria, developed primarily in the western U.S., and ECSUS will aid in that information exchange and help adapt the technology to the Southeast.

Building codes are another priority for ECSUS. Codes in the eastern U.S. have been updated to reflect information from 1996 earthquake-hazard maps and recent findings on soil response to strong motion in the United States and abroad including California Polytechnic State University at San Luis Obispo, Florida A&M, Oxford Brookes University in England, Bauhaus-Universitat in Weimar in Germany, and Yokohama National University in Japan.

The Earthquake Engineering Research Initiative at Virginia Tech, a center, will provide for this effort to inform the engineering community in the Southeast about important new earthquake-hazard maps and recent findings on soil change and help adapt the technology to the areas most in need of such maps.

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