

SPECTRUM



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

<http://www.unirel.vt.edu/spectrum/>

VOLUME 23 NUMBER 10 FRIDAY, OCTOBER 27, 2000

TODAY'S EDITION

See page 4 for
more news coverage.

Fund-raising campaign begins for Alumni and Conference Center

By Terry McGuire

The university today marked the celebration of the 125th anniversary of the Virginia Tech Alumni Association by announcing a \$16.2-million fund-raising campaign that will help meet the construction costs of an Alumni and Conference Center.

The complex, which will also include a 150-room hotel, will serve as an on-campus home and meeting place for returning alumni as well as provide the necessary accommodations to host national and international conferences and symposia.

"This is one of the university's most important capital projects," said President Charles Steger. "For the first time, Virginia Tech will have a proper venue for the many alumni events and activities that take place throughout the year. At the same time, the center will advance the university's goal of becoming a top-30 research institution, allowing us to bring the world to Blacksburg for important gatherings inside and outside academia."

To be constructed of Hokie stone, the Alumni and Conference Center will be situated on the Virginia Tech golf course at the intersection of Prices Fork Road and West Campus Drive. The site offers the advantage of having the complex serve as a major gateway to the university. It will also provide a panoramic view of the mountains to the west, the Duck Pond to the south, and the main campus to the east.

Among its features, the three-story alumni center will have a grand hall that will



Artist's rendering of the Alumni and Conference Center

function as a lobby and reception area and an assembly hall with state-of-the-art equipment for presentations and long-distance conferences. It will also house a museum chronicling the university's history, a large boardroom, and Virginia Tech's Office of Alumni Relations. According to Tom Tillar, vice president for alumni relations, "The center will have a total

capacity, using both inside and outside program spaces, to collectively accommodate 5,000 alumni and guests for large gatherings. This will be especially important as we exceed 220,000 alumni by the end of the decade."

The conference center, which will be directly connected to the alumni center's second level, will include a ballroom capable of seating

800 people, eight conference rooms, a number of smaller breakout rooms, and outside terrace spaces for social events. The center will also have advanced teleconferencing capabilities, which will make it possible to considerably expand the number of participants at conferences and other large functions.

(See CAMPAIGN on 3)

'Quantum Leap' author to lecture here November 9

By Sookhan Ho

Management consultant and author James Mapes will give the Cutchins Distinguished Lecture at Virginia Tech on Thursday, Nov. 9. His talk, titled, "Quantum Leap Think: Going Beyond Your Limits," is sponsored by the Virginia Tech Corps of Cadets Center for Leader Development in the Pamplin College of Business.

The talk begins at 7:30 p.m. at Burruss auditorium. It is free and open to the public, who are asked to bring paper and pencil to the event. Other materials will be distrib-

uted to the audience for use during the interactive presentation. Mapes will also sign copies of his book, *Quantum Leap Thinking: An Owner's Guide to the Mind*, after the talk.

Mapes seeks to educate and encourage his audiences to be open-minded about new options. His goal is to help people make the "quantum leap" toward more creative, productive, and confident lives. He challenges his audiences to redefine commonly held assumptions and misconceptions about "positive thinking," "motivation," "fear," "imagination," and "teams." His message to business promotes thinking "outside the box" and mastering per-

ception so that, in his words, "the invisible becomes visible and the impossible, possible."

Mapes founded the Quantum Leap Thinking Organization in 1983, to bring the human potential movement to the business community. In addition to writing and speaking, Mapes creates training videos, some of which have been ranked among the year's best by *Successful Meetings* magazine. He has worked with hundreds of public and private companies in more than a dozen countries. Organizations that have quoted him in their training manuals and publications include IBM, Lockheed,

(See LECTURE on 4)

Excellence in Education Conference set

By Jean Elliott

As part of a continuing tradition of promoting education quality, the College of Human Resources and Education will sponsor the 17th annual Excellence in Education Awards Conference on November 2-3.

Rita Pierson will be the keynote speaker for the event. Pierson's address, "A Framework for Understanding Poverty," will be at

(See EXCELLENCE on 4)

Terrell selected as Gates Millennium scholar

Roxene Thompson Terrell, a Ph.D. candidate in construction engineering and management, has been selected as a Gates Millennium Scholar for this academic year. The Bill and Melinda Gates Foundation funds this scholarship program, and the United Negro College Fund administers it.

Terrell's latest accomplishment is just one of many over the years.

At 17, she entered undergraduate school at the University of California-Davis, and was financially responsible for her own education. After attending a job fair, she secured

a part-time job at the California Department of Transportation. She graduated in 1992 and Caltrans hired her immediately.

After three years at Caltrans and one year with URS Consultants, Inc., Thompson decided she wanted to pursue a graduate degree. She visited Virginia Tech, where she introduced herself to civil engineering faculty members and was accepted as a master's candidate in 1997.

In 1998, she was chosen the graduate-student representative to the university's Board of Visitors (BOV). Her special assignment on

the BOV was with the building committee.

Terrell is also a recipient of a three-year Southern Regional Education Board Doctoral Scholars Fellowship. Michael Vorster, professor of CEE, serves as her adviser.

The Gates Scholarship Fund supports graduate studies by minority students in engineering, mathematics, science, education and library science. Gates scholars must demonstrate academic achievement, leadership in community or extracurricular activities, and financial need.

BOV to meet

By David Nutter

The Virginia Tech Board of Visitors (BOV) will meet on campus Monday, Nov. 6, at 1 p.m. in Squires Brush Mountain Room.

The board will consider, among other business, a resolution to establish a master's and doctoral degree in macromolecular science, establishment of a policy board for the Virginia Bioinformatics Institute, and the 2000-2001 capital budget for the Hotel Roanoke Conference Center Commission.

(See BOV on 4)

ACTIVITIES

EVENTS

Friday, 27

Apple Computers Workshop, 10 a.m.-noon, New Media Center: 1-3405 for information.

Apple Computers Session, 2:30-4:30 p.m., 100 Hancock, 1-3405 for information.

Saturday, 28

Football, 3:30 p.m., Lane Stadium: Pittsburgh.

Dinner-Concert Series Event, 6 p.m., DBHCC: Sabrina Berger.

Dance of Nations, 8 p.m., Squires Commonwealth Ballroom: 1-6527 for information.

Sunday, 29

Asian Awareness Week Begins (Through 11-4).

YMCA Hike, 1:30 p.m., Lancaster House parking lot.

NRVS Concert, 8 p.m., Burruss auditorium: *Carmina Burana*.

Monday, 30

Salary and Wage Paydate.

Dependent Care Week Begins.

Bloodmobile, 10 a.m.-4 p.m., Squires Student Center.

Family/Work/Life Resources Program, noon-1 p.m., DBHCC, conference room G.

Tuesday, 31

Family/Work/Life Resources Program, noon-1 p.m., DBHCC, conference room G.

CEUT, 12:30-2 p.m., Hillcrest Large Conference Room: Call 1-6995 for information.

NOVEMBER

Wednesday, 1

Native American Heritage Month Begins.

Salary and Wage Paydate.

Bloodmobile, noon-6 p.m., Squires Student Center.

Family/Work/Life Resources Program, noon-1 p.m., DBHCC, conference room G.

Multicultural Program, 4-6 p.m., Squires Black Cultural Center: Call 1-5200 for information.

Family/Work/Life Resources Program, 7-8:30 p.m., Blacksburg Library community room.

"With Good Reason," 7 p.m., WVTF: Steve Bickley, "Stone Carving: Restoring the Lost Art."

Thursday, 2

Gallery Opening, Armory Gallery: Bryan Collier. (Through 12-7).

Bloodmobile, 10 a.m.-4 p.m., Squires Student Center.

DBHCC Lunch, 11:30 a.m.-1:30 p.m., Alpine Buffet: Call 1-5632 for reservations.

Family/Work/Life Resources Program, noon-1 p.m., 219 Squires.

YMCA Slide Show, noon, Cranwell International Center: Alex Niermeria.

Book Signing, Reading, 7 p.m., Volume Two Bookstore: Jeff Mann.

Excellence in Education Conference, 7:30 p.m., DBHCC: Call 1-5174 to register. (Through 11-3).

TA-UT, 7:30 p.m., BHS auditorium: *Look Away*.

Friday, 3

Family/Work/Life Resources Program, noon-1 p.m., 219 Squires.

CEUT, 2:30-4 p.m., Hillcrest dining hall: Call 1-6995 for information.

Faculty Recital, 8 p.m., Squires Recital Salon: Patrick Simpson.

SEMINARS

Friday, 27

Highlands in Chemistry, 11 a.m., 3 Davidson: W. Graupner.

MCBB, 12:20-1:10 p.m., 102 Fralin: Stephen L. Mayo, Cal Tech.

Philosophy, 4 p.m., 225 Major Williams: Rose-Mary Sargent, Merrimack College.

ESM, 4-5 p.m., 110 Randolph: Ernest Chin, Gordon Filbey, David Klepones, Steven Segletes, Army Research Laboratory, K.T. Ramesh, Yulong Li, Johns Hopkins.

Monday, 30

Horticulture, 4-5 p.m., 409 Saunders: Candice Shoemaker, Chicago Botanical Garden.

Biochemistry, 4 p.m., 223 Engel: Vladimir Lupashin, University of Arkansas.

NOVEMBER

Wednesday, 1

Water Science, noon, 108 Seitz: Tammy J. Newcomb.

PPWS, 4 p.m., Fralin auditorium: Bryan Johnson.

Thursday, 2

Statistics, 3:45 p.m., 409 Hutcheson: Sam Wilcock.

CSES, 4 p.m., 246 Smyth: Jillian Campbell.

Friday, 3

Highlands in Chemistry, 11 a.m., 3 Davidson: David M. Hercules, Vanderbilt University.

MCBB, 12:20-1:10 p.m., 102 Fralin: Adam Driks, Loyola.

BULLETIN

Frece to give talk on Smart Growth

John Frece, the governor of Maryland's special assistant for smart growth, will speak on Monday, Nov. 6 on the topic "Smart Growth: Maryland's Response to Sprawl." The presentation will be held at 3:30 p.m. in 100 Hancock. The address is free and open to the public.

Frece has held this position since 1997. His responsibilities include public outreach and response to media inquiries related to the Governor's Smart Growth and Neighborhood Conservation initiative, a program authorized to preserve existing neighborhoods and resources and to set state spending priorities. The program also encompasses the Live Near Your Work Program, the Rural Legacy Program, and the Voluntary Cleanup and Revitalization (Brownfields) Program. Frece also coordinates smart-growth issues among various state agencies.

CEUT schedules winter programs

Student Evaluation of Teaching, Wednesday, Nov. 1, 2:30-4 p.m., Hillcrest dining hall. Margaret Hable, CEUT faculty-development consultant, will provide strategies for handling student evaluations, such as facilitating constructive feedback and incorporating feedback into teaching throughout the semester.

Assignments to Promote Community, Friday, Nov. 3, 2:30-4 p.m., Hillcrest dining hall. Hable will focus on developing, implementing, and assessing assignments to create a community in each class.

Assessment: Writing Multiple-Choice and Essay Items, Wednesday, Nov. 8, 2:30-5 p.m., Hillcrest dining hall. Presenter Peter Doolittle of teaching and learning will offer suggestions on how to construct effective multiple-choice and essay test items.

Designing Research Assignments, Monday, Nov. 13, 2:30-5 p.m., Newman Library: Room TBA Hable and the college librarians will offer tips on how to incorporate new research assignments or enhance existing assignments. Topics will include

research-project management, student proficiency, relevant library resources, and internet-research guidelines.

Designing for Community, Tuesday, Nov. 14, 2:30-4:30 p.m., DBHCC. Hable will explore community-building strategies to support student interest in the course material.

Designing Effective Group Projects, Wednesday, Nov. 15, 2:30-4:30 p.m., Hillcrest dining hall. Hable will review the decisions instructors must make as they design group activities and provide tips for planning projects that effectively engage students.

Spring Design Fair-CEUT/UWP, Wednesday, Nov. 29 and Thursday, Nov. 30, 12-4 p.m., Hillcrest dining hall. Participants are invited to join in any time during these two sessions to discuss teaching and planning issues with the CEUT staff.

Winter Workshop: Academic Integrity, Wednesday, Jan. 10 and Thursday, Jan. 11. Time, location TBA. This year's focus will be academic integrity. More details to follow.

Register for the programs at www.ceut.vt.edu.

Poirier-Bures offers Nicole reading

By Sally Harris

In her latest book, *Nicole*, Simone Poirier-Bures blends memoir and autobiographical fiction in a chronicle of the coming of age of a young girl in Halifax, Nova Scotia, in the 1950s, when "the 'facts of life' were shrouded in mystery and the roles for young girls and women narrowly defined."

"Being an Acadian in an English city added another layer of complexity that Nicole, the author's persona, navigates in her search for identity," according to the publisher, Pottersfield Press. In *Nicole*, "the personal and historical connect in a heady mixture of truth and fiction."

Poirier-Bures, who teaches in Virginia Tech's English Department, will read from *Nicole* at Volume Two Bookstore in the

University Mall in Blacksburg Thursday, Nov. 9, at 7 p.m.

"Simone Poirier-Bures bares a young woman's heart," wrote George Elliott Clarke about *Nicole*. "She feels her way into the tang and brine and sweetness of growing up female and Acadian in Halifax, a city of trolleys, sailors, and downtown streets smelling of fog and chocolate. She is a connoisseur of the richly human and her fiction is delicately tender."

Poirier-Bures is also the author of *That Shining Place*, a memoir of Crete that won the 1996 Evelyn Richardson Award. Her stories and essays have been published widely in Canada, the U.S., and Australia. *Nicole* is available at Volume Two and the University Bookstore and can be ordered through other bookstores.

Urban to speak at seminar

By Lynn Davis

The urban forestry program in the College of Natural Resources will host a seminar on tree-friendly designs for urban settings. Co-sponsored by the landscape architecture department, the event is open to the public and scheduled for November 27 from 3:30 to 5 p.m. in Fralin auditorium with a reception afterwards in 315 Cheatham.

The seminar features James Urban, a well-known landscape architect who will talk about his pioneering work with design innovations that allow trees to thrive in cities. Urban specializes in soil engineering and designs for areas where trees have a difficult time growing.

He is a graduate of New York State College of Environmental Science and Forestry and is a registered landscape architect in the states of New York, Maryland, and Virginia.

Urban has been president of the Maryland

Chapter of the American Society of Landscape Architects and was inducted into its Council of Fellows in 1998. He has had his own business in Annapolis since 1978 and some of his many projects include the Silver Spring, Md., streetscape design and the National Sculpture Garden Master Plan. He has done landscape designs for National Geographic Headquarters, Hirshhorn Museum Plaza renovation, Lincoln and Jefferson Memorial restorations, the Park Hyatt Hotel in Washington, D.C., and The Watergate South.

He started his career as a landscape architect in park planning and bicycle-trail design. Urban has been the recipient of many awards and published seven articles in professional magazines. In 1988 he received a National Endowment for the Arts grant to evaluate and redesign planting practices of urban trees.

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

Available positions are also listed on the Job Line, a 24-hour recorded message service. For information on all job listings, call 1-5300. Some of the following positions include state benefits. Positions with numbers beginning with a "W" are hourly and do not include state benefits. Individuals with disabilities desiring assistance or accommodation in the application process should call by the application deadline. Closing date for advertised positions is 1 p.m. Monday. An EO/AA employer committed to diversity.

FULL TIME

Administrative/Research Assistant, 007674T, Pay Band 4, ECE.

Administrative Associate, 006519L, Pay Band 3, University Development.

Administrative Assistant, 002811R, Pay Band 3, Executive Vice President.

Alumni Development Systems Analyst, 001384L, Pay Band 6, University Development.

Animal Care Supervisor, 006998J, Pay Band 4, Veterinary Teaching Hospital.

Animal Care Technician, 002617M, Pay Band 2, Veterinary Teaching Hospital.

Banquet Manager (Food Operations Manager Assistant), 001118G, Pay Band 3, DBHCC.

Binding Assistant, 000214F, Pay Band 2, University Libraries, Technical Services.

Building/Grounds Superintendent B, 002749G, Pay Band 5, Facilities/Mechanical Utilities.

Circulation/Library Courier Assistant, 000468F, Pay Band 2, University Libraries, Admin. Services/Circulation Reserve.

Computer Systems Engineer, 000180T, Pay Band 5, CE.

Computer Systems Engineer, 006991J, Pay Band 5, RGS.

Computer Systems Engineer, 001894T, Pay Band 5, CE.

Copy Cataloger, 002017F, Pay Band 3, University Libraries, Technical Services.

Director, Gift Accounting/Constituent Record Management, 001540L, Pay Band 5, University Development.

Editor, Virginia Tech Magazine, 000654L, Pay Band 5, University Relations/Outreach Communications.

Editor/Communications Coordinator,

007681G, Pay Band 5, Office of International Research/Development.

Electrician, 007565G, Pay Band 3, Physical Plant.

Electronics Technician, 007656J, Pay Band 4, VTTI.

Enrollment Services Technical Leader, 002734L, Pay Band 6, AIS.

Event Scheduler, 006525J, Pay Band 3, UUSA.

Executive Assistant, 007672T, Pay Band 3, VBI.

Executive Chef, 000266H, Pay Band 4, RDP/Shultz Dining Center.

Financial Aid Counselor, 001683R, Pay Band 4, Scholarships/Financial Aid.

Fiscal Technician Sr, W023149F, Pay Band 3, Bursar's Office, Student Accounts.

Genomics Laboratory Technician, 007682T, Pay Band 3, VBI.

Government Documents Assistant, 001959F, Pay Band 2, University Libraries, Technical Services.

Grounds Worker Senior, 001546G, Pay Band 1, Physical Plant.

Housekeeping Worker, 000278H, Pay Band 1, RDP.

Housekeeping Worker, 001631G, Pay Band 1, DBHCC.

Housekeeping Worker, P002005C, Pay Band 1, Physical Plant.

Housekeeping Worker, P002000C, Pay Band 1, Physical Plant.

Housekeeping Worker Senior, 002745H, Pay Band 1, RDP.

Housekeeping Worker Senior, 006926H, Pay Band 1, RDP.

Instructional Technologist, 007500M, Pay Band 5, ANHRIT.

Interpreter For The Deaf, 007472J, Pay Band 3, Dean of Students.

Lab Specialist, 001972M, Pay Band 3, College of Veterinary Medicine/MDL-Academic Affairs.

Laboratory Specialist Advanced, 003373M, Pay Band 4, BSE.

Laboratory Specialist Senior, 007302M, Pay Band 4, Biochemistry.

Mason/Plasterer, 007210G, Pay Band 3, Physical Plant.

Medical Technologist, 002596J, Pay Band 4, Veterinary Teaching Hospital.

Medical Technologist (Surgical Ward Technician), 2637J, Pay Band 4, Veterinary Teaching Hospital.

Office Assistant, 007677T, Pay Band 2, VBI.

Oracle Db, 002250D, Pay Band 5, ISC.

Pre-prep Assistant, 000547H, Pay Band 1, RDP/Southgate Center.

Program Support Technician, 000028T, Pay Band 3, Scholarships/Financial Aid.

Program Support Technician, 007666J, Pay Band 3, Human Development.

Program Support Technician, 002230J, Pay Band 3, Military Affairs.

Receptionist/Secretary, 001990T, Pay Band 2, GIS.

Receptionist/Secretary, 007345T, Pay Band 2, ME.

Recycle Coordinator, 006724H, Pay Band 1, RDP.

Security Lead Guard (Parking Enforcement Off.), W020119G, Pay Band 1, Parking Services.

Sous Chef, 000940H, Pay Band 3, RDP/Southgate Bake Shop.

Special Projects/Utilities Crew, 000216H, Pay Band 1, RDP.

Specialist Procedures Technician, 006774M, Pay Band 3, Veterinary Teaching Hospital.

Systems Analyst, 007343L, Pay Band 6,

ISC.

Telecommunications Analyst, 000157A, Pay Band 3, CNS.

Telecommunications Network Technician, 007665A, Pay Band 3, CNS.

Two full-time third baker positions available.

Undergraduate Secretary, 001535T, Pay Band 3, ESM.

Virginia Tech Webmaster, 001168L, Pay Band 5, WARD.

Web/Office Assistant, 003132T, Pay Band 3, Biology.

PART TIME

Animal Care Tech B, W022914J, Pay Band 2, Veterinary Medicine.

Animal Care Technician A, W022155J, Pay Band 1, Veterinary Teaching Hospital.

Animal Care Technician A, W022563M, Pay Band 1, Veterinary Teaching Hospital.

Animal Care Technician A, W022675M, Pay Band 1, Veterinary Teaching Hospital.

Animal Care Technician B, W020556M, Pay Band 2, Veterinary Medicine.

Animal Care Technician B, W022190M, Pay Band 2, Veterinary Teaching Hospital.

Audiovisual Technician, W023110T, Pay Band 2, University Registrar.

Banner Desktop Support, W022069L, Pay Band 3, ITA/Seat Management.

Bus Driver, W023140R, Pay Band 1, Motor Pool.

Computer Technician, W023142R, Pay Band 3, VTTI.

Fiscal Assistant, W023128M, Pay Band 2, Animal/Poultry Sciences.

Fiscal Assistant, W022977M, Pay Band 2, Biochemistry.

Fiscal Assistant, W023152M, Pay Band 2, Veterinary Teaching Hospital.

Fiscal Technician, W023151G, Pay Band 3, Real Estate Management.

Fiscal Technician Sr, W023150G, Pay Band 3, OIRD.

Fiscal Technician, W022852F, Pay Band 3, Bursar's Office.

Flight Instructor, W023153R, Pay Band 4, Airport.

Three food-operations positions available.

Graduation Analyst, W022980R, Pay Band 2, University Registrar.

Housekeeping Worker, W020214J, Pay Band 1, Health Center.

Housekeeping Worker, W022490H, Pay Band 1, RDP.

Housekeeping Worker, W020574G, Pay Band 1, DBHCC.

Installation and Repair Technician, W023156J, Pay Band 3, Health Center.

Laboratory Technician Senior, W020627T, Pay Band 2, Chemistry.

Laboratory Technician Senior, W020117G, Pay Band 2, EHSS.

Office Assistant, W022228T, Pay Band 3, Provost.

Office Services Assistant, W020838J, Pay Band 2, Veterinary Teaching Hospital.

Office Services Specialist, W022498T, Pay Band 2, CS.

Overnight ICU Vet Technician, W022218M, Pay Band 2, Veterinary Teaching Hospital.

Pharmacy Assistant A, W020839J, Pay Band 2, Veterinary Teaching Hospital.

Radiologic Technician, W022412M, Pay Band 3, Veterinary Teaching Hospital.

Radiologic Technologist, W022238J, Pay Band 3, Health Center.

Secretary Senior, W023132L, Pay Band 2, University Relations.

Security Guard, W0204701G, Pay Band 2, Police.

Security Guard, W020470G, Pay Band 2,

Police.

Security Guard, W0204703G, Pay Band 2, Police.

Security Guard, W0204702G, Pay Band 2, Police.

Storekeeper, W022291J, Pay Band 2, Veterinary Teaching Hospital.

Switchboard Operator, W022101A, Pay Band 2, CNS.

Truck Driver, W023114T, Pay Band 3, Chemistry.

OFF CAMPUS

Enrollment Program Assistant, 002091J, Pay Band 3, Northern Virginia Center.

Enrollment Services Assistant, 007838J, Pay Band 3, Engineering.

Geographic Database Assistant, 007679M, Pay Band 4, BSE.

Human Services Program Specialist, 007644J, Pay Band 4, CPAP.

Office Services Assistant, 006613J, Pay Band 2, HNFE.

FACULTY POSITIONS

INSTRUCTIONAL

Forestry Assistant Professor. Contact: Harold Burkhardt, 307 Cheatham (0324). Review begins March 1.

Philosophy Assistant/Associate/Full Professor. Contact: James Klagge, 229 Major Williams (0126). Review begins Dec. 1.

Philosophy Assistant/Associate Professor. Contact: James Klagge, 229 Major Williams (0126). Review begins Dec. 1.

Hospitality/Tourism Management Assistant/Associate Professor. Contact: Dianne Yardley, 103 War Memorial (0317). Review begins Nov. 30.

NON-INSTRUCTIONAL

Continuing Education Assistant Director for Program Development (Blacksburg). Contact: Michael Schroder, 820 University City Blvd., Room 223 (0364). Review begins Nov. 15.

Continuing Education Assistant Director for Program Development (Northern Virginia). Contact: Michael Schroder, 820 University City Blvd., Room 223 (0364). Review begins Nov. 15.

Research/Graduate Studies Program Development Specialist. Contact: Eugene Brown, 306 Burruss (0244). Review begins Nov. 1.

RDP Coordinator of Theme Housing Programs. Contact: Gail Kirby, 109 E. Eggleston (0428). Review begins Nov. 3.

RDP Assistant Director of Residence Education. Contact: Gerard Kowalski, 109 E. Eggleston (0428). Review begins Nov. 3.

University Outreach Programs Director of University Outreach Programs, Southside Virginia. Contact: Jane Swan, 145 Donaldson Brown (0175). Review begins Oct. 31.

University Outreach Programs Southside Regional Director of Economic Development—Knowledge-Based Economy. Contact: John Phillips, 330 Burruss (0132). Review begins Oct. 31.

University Development Senior Director of Advancement Services. Contact: Timothy Corvin, 201 Pack Bldg. (0336). Review begins immediately.

VCE Extension Agent, 4-H Youth Development (re-advertised). #FA710, Lunenburg Co. Contact: Robert Ray Meadows, 121 Hutcheson (0437). Review begins Nov. 15.

VCE Extension Agent, Family/Consumer Sciences (re-advertised). #111080, City of Richmond. Contact: John Dooley, 121 Hutcheson (0437). Review begins Nov. 15.



VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY

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

Spectrum is a non-profit publication of the Office of University Relations: Lawrence G. Hincker, associate vice president for University Relations; David Nutter, associate director for Public Affairs.

Editor
John Ashby, 1-6961

Assistant Editor
Kimberly Richards-Thomas, 1-8538

Production Manager
Melinda Shaver, 1-8524

Business Manager
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.

Electronic Spectrum: <http://www.unirel.vt.edu/spectrum/>

Virginia Tech does not discriminate against employees, students, or applicants on the basis of race, color, gender, sexual orientation, disability, age, veteran status, national origin, religion, or political affiliation. Any one having questions concerning discrimination or accessibility regarding the programs described in this newspaper should contact the Equal Opportunity Affirmative Action Office: 540-231-7500 (v), 540-231-9460 (TTY).

CAMPAIGN

Continued from 1

The adjoining, 150-room hotel will share lobby and kitchen facilities with the conference center and will offer indoor and outdoor dining areas, along with two private dining rooms. The hotel will also function as a teaching facility and will include hotel/restaurant-management lab space, a demonstration kitchen, and a classroom for students in the College of Human Resources and Education's hotel-and-hospitality-management program.

ment program.

Elizabeth Flanagan, Virginia Tech's vice president for Development and University Relations, emphasizes that the complex will foster a tighter bond between the university and its 160,000 living alumni. It will also signify Tech's commitment to becoming a valuable player in fashioning national and international research collaborations. "The Alumni and Conference Center will help us attract and engage business, industry, and other educational institutions in

forming strategic partnerships," Flanagan said. "It will convey to them that we are the best at what we do."

The fund-raising campaign will conclude in June 2002, with construction scheduled to begin in the fall of the same year. For more information on the campaign and the Alumni and Conference Center, visit <http://www.unirel.vt.edu/alumniconter> or contact T.O. Williams, director of the Alumni and Conference Center Campaign, at towmsiii@vt.edu

CVC WINNER



Leigh Ann Leist

Leigh Ann Leist of Career Services is the winner of a Virginia Tech hooded sweatshirt donated by the University Bookstore for the CVC weekly drawings.

Leist's name was drawn from all pledge cards sent in by October 13. Future prizes include a weekend night for two plus breakfast at the Hotel Roanoke and a parking permit for one year. Send cards to Gloria Smith to become eligible for prize drawings.

Chapter of the Year awarded to Tech's American Fisheries Society

By Lynn Davis

The Virginia Tech Chapter of the American Fisheries Society (AFS) recently received the Chapter of the Year award from the American Fisheries Society. The award was shared with the Oregon Chapter of the American Fisheries Society.

The award ranks Virginia Tech at the top of more than 50 chapters that belong to the parent society. The chapter is composed primarily of students, is student-run and led, and is a bona-fide, full-fledged chapter. To receive this award, they competed with chapters composed primarily of faculty members and professionals in their field.

The chapter participates in a variety of activities, including hosting a campus mudbass tournament every year, environmental education for children through local fish dissections and bio-diversity 4-H days, advocacy through resolutions to the parent society and letters to the House of Representatives, and member continuing education such as boater-safety courses and trips to aquaculture facilities around Vir-

ginia.

The chapter members also maintain an aquarium on the first floor of Cheatham Hall which is used as an educational display. They compile, design, and distribute bi-annual newsletters for the Southern Division of the American Fisheries Society. In a major undertaking, the Virginia Tech chapter has initiated the restoration of the campus stream, Stroubles Creek. The current faculty advisor is Louis Helfrich.

More information and photos may be obtained from the web site at <http://filebox.vt.edu/org/vtafs/index.htm>.

EXCELLENCE

Continued from 1

7:30 p.m. Thursday, Nov. 2, in the Donaldson Brown Hotel and Conference Center auditorium. The public is invited to attend, free of charge.

Pierson is a national consultant on the role of poverty in relation to schooling and achievement. Her lecture will focus on analyzing the resources of students, explain language registers and discourse patterns, give examples of hidden rules among classes, identify discipline interventions, explain mediation and cognitive structures; and explain how economic realities affect patterns of living.

Since its inception in 1983, the Excellence

IN OTHER NEWS

Mini-conference on nanoscience/engineering set

By Sally Harris

The Virginia Tech Mini-Conference on Nanoscience/Engineering will be November 13-14 at the Donaldson Brown Hotel and Conference Center.

Nanoscience is the attempt to understand very, very small particles or other structures (on the scale of a billionth of a meter) and their potential uses. The field could change human life in a variety of ways, from medicine to energy to information processing. The studies cross scientific disciplines such as chemistry, physics, and biology.

The conference is designed to raise the awareness of scientists and engineers in Virginia to the interests that exist world wide in promoting synergism through collaboration among researchers in the field of nanoscience and engineering.

President Bill Clinton has announced "a major new national nanotechnology initiative worth \$500 million." Clinton said, "Imagine the possibilities: materials with 10 times the strength of steel and only a small fraction of the weight—shrinking all the information housed at the Library of Congress into a device the size of a sugar cube—detecting cancerous tumors when

they are only a few cells in size."

"Nanotechnology is the way of ingeniously controlling the building of small and large structures with intricate properties," according to Roald Hoffman, Chemistry Nobel Prize winner from Cornell University. "It is the way of the future, a way of precise, controlled building with environmental benignness built in by design."

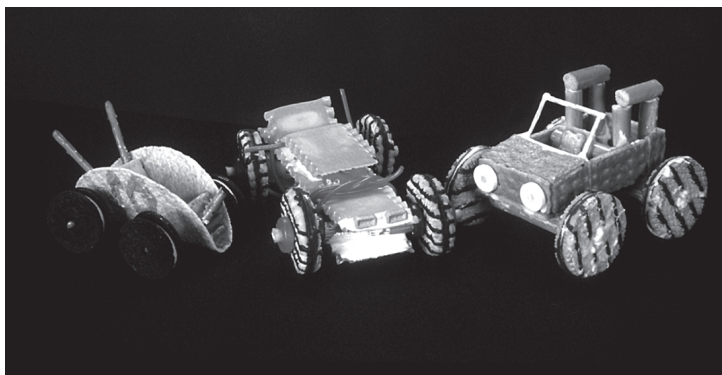
Presenters from Virginia Tech and their topics are Richard Zallen, physics, "Spectroscopic Probes of Nanocrystal Size"; Alan Esker, chemistry, "Polymer Transport Through Ultra-thin Membranes"; Stephane Evoy, electrical and computer engineering, "Nanotechnology in Microsystems: Prospects and Challenges of Nanomechanical Devices"; Randy Heflin, physics, "Self-assembled Polymer and Fullerene Nanostructures for Optoelectronic Devices"; Massimiliano Di Ventra, physics, "Electronic Transport in Molecular Devices"; Tom Ward, chemistry, "Surface Assemblies of

Microphase Separated Block Copolymers"; Sean Corcoran, materials science and engineering, "Small Angle Neutron Scattering of Bicontinuous Nanoporous Noble Metals"; and Harry Dorn, chemistry, "Nanospheres: Properties and Preparation."

Horst Stomer, Physics Nobel Prize winner from Columbia University, said, "Nanotechnology has given us the tools to play with the ultimate toy box of nature—atoms and molecules. The possibilities to create new things appear limitless."

The Virginia Tech conference is sponsored by the College of Arts and Sciences, the College of Engineering, and the Office of Research and Graduate Studies.

Pre-registration (at no cost) of all attendees, including the media, is required so that space requirements can be met. To register, call Linda Sheppard in the Department of Chemistry at 1-5966.



FOOD FOR TRANSPORT Your eyes don't deceive you—these vehicles are made of food. Tacos, lasagna, graham crackers, and many other pantry items were used to create entries for the "Edible Car Contest," last month. Missy Cummings, assistant professor of engineering fundamentals, used the contest to teach freshman students some basic principles of engineering design, mechanics and testing. The students had to construct their vehicles completely from edible items and had them perform timed races down a ramp. (J. McCormick)

in Education Awards Conference has recognized innovative approaches to teaching and learning in Virginia's public schools and community colleges. The conference has become a forum in which public-school educators from throughout Virginia gather to present ideas and exchange information with peers, colleagues and Virginia Tech professors in teaching and learning. Excellence in education requires innovation, enthusiasm, creativity, and dedication, and this conference honors some of the state's most exemplary educational programs and the dedicated individuals who created them. Out of 124 proposals received, there were 12 winners while 14 others earned certificates of recognition.

Presentations from award winning pro-

grams will take place from 9 a.m. to noon on Friday, Nov. 3, in Donaldson Brown with the awards luncheon beginning at 12:30 p.m.

For the sixth year, the Excellence in Education conference will include the World of Work awards, presented by the Blue Ridge Training and Education Council. These awards recognize teachers throughout the region who are outstanding in the integration of academic, technical, and career education in preparing students for the workforce and enhancing the educational and economic development potential of the Blue Ridge Region. Six Virginia public school educators will be presented awards.

BOV

Continued from 1

The committees of the board will meet at the following times and locations: Academic Affairs will meet at 8:30 a.m. in 6020 Newman Library; Buildings and Grounds will meet at 8:30 a.m. in conference room A of the Donaldson Brown Hotel and Conference Center (DBHCC). The committee will meet in executive session at 9 a.m. in the Board Room.

Finance and Audit will meet in executive session at 7:30 a.m. in the DBHCC Private Dining Room. The committee will meet in open session at 8:30 a.m. in the Executive Conference Room.

The Student Affairs Committee will meet for breakfast with student leaders at 7:30 a.m. in the DBHCC Old Guard Room. The committee will meet at 9 a.m. in conference room C.

The board will meet in an informational session on Sunday, Nov. 5, at the DHHCC.

LECTURE

Continued from 1

Arthur Andersen, the U.S. Coast Guard, and the Princeton Center for Leadership Training.

Mapes has a degree in psychology and is a hypnotherapist certified by the National Guild of Hypnotists and the American Board of Hypnotherapy. He is a member of the Association to Advance Ethical Hypnosis. He also has a master's degree in theater from California State University and worked in theater before appearing regularly on daytime television.

The Center for Leader Development aims to educate students about leadership and prepare them to be leaders of ability and integrity. The Cutchins Lecture series is named for Clifford A. Cutchins III, a retired chairman of the former Sovran Financial Corporation who served as rector of the Board of Visitors.

For more information, call Erin Foster at 1-9457, or e-mail erfoster@vt.edu.

Blacksburg, VA Permit No. 28
Non-Profit Organization U.S. Postage PAID
Blacksburg, VA 24061

Virginia Tech
Blacksburg, VA 24061