

SPECTRUM



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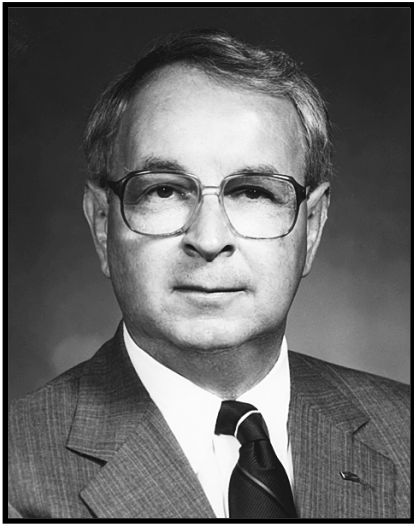
The Founders Day
Convocation is at
3 p.m. today in
Burruss auditorium.

University honors Maxson, Garvin at Founders Day

Ruffner Medal, Alumni Distinguished Service Award

Distinguished Alumni Service Award

By Lauren Sebastiani, University Relations intern



MAXSON

Cecil R. Maxson Jr. exemplifies what it means to be a dedicated alumnus. With a devotion to his alma mater that spans nearly 45 years, Maxson has played a pivotal role in the development of the university. He will be honored with the William H. Ruffner Medal and an Alumni Distinguished Service Award today at Founder's Day. It is one of the first times both awards have been given to the same person in the same year.

Maxson graduated from Virginia Tech in 1952 with a bachelor's degree in building construction. However, before completing his studies, he served his nation in military service with the U.S. Army Corps of Engineers. In 1956 Maxson began a 40-year career with Western Electric, C&P Telephone, and NationsBank Corporation. During his 25-year tenure with

(See RUFFNER MEDAL on 6)

Clifton C. Garvin has taken to heart the university's motto: "UT Prosim: That I May Serve," by providing the university with scholarships, assisting in fundraising, and serving on the Board of Visitors. The former chairman of the board and chief executive officer of Exxon Corporation has continually served Virginia Tech, and has become one of the school's top alumni. Garvin will be awarded with the Alumni Distinguished Service Award at the Founder's Day Convocation today.

After Garvin graduated from Virginia Tech in 1943 with a bachelor's degree in chemical engineering, he served with the U.S. Corps of Engineers in the South Pacific for three years. He then returned to Blacksburg to earn his master's degree in 1947. Upon receipt of his

(See ALUMNI on 6)



GARVIN

Spring 2001 Commencement activities highlighted

By Nicholas Louisos,
University Relations intern

Approximately 4,600 Virginia Tech undergraduate and graduate students will take part in Virginia Tech's spring Commencement ceremonies on May 11 and 12. Ninth District Congressman Rick Boucher will be the keynote speaker for the undergraduate ceremony and Finance Professor Arthur J. Keown will speak at the graduate ceremony.

The undergraduate Commencement ceremony will be held on Saturday, May 12, beginning at 9 a.m. in Lane Stadium. It is expected that some 3,500 undergraduate students will be eligible to receive their diplomas.

On Friday May 11, the Graduate School will hold its Commencement ceremony in Cassell Coliseum at 4:30 p.m. with Keown as keynote speaker. Some 1,100 students will be eligible to receive their master's,

doctoral degrees, or certificates of advanced graduate study.

Boucher, who is serving his tenth term in the U.S. House of Representatives, is a member of the House Committee on Energy and Commerce where he serves on two subcommittees—the House Telecommunications and Finance Committee and the House Energy and Power Committee. In addition, Boucher is also a member of the House Judiciary Committee where he serves on the Courts and Intellectual Property Subcommittee. Since 1985 he has served as an assistant whip for the Democratic leadership.

Boucher also served as chairman of the Science Subcommittee of the House Committee on Science, Space, and Technology in the 102nd Congress. As chairman, Boucher held the first congressional hearings on Internet policy. These hearings led to Boucher authorizing legislation that opened up the use of the Internet for commercial and other non-scientific uses.

Boucher, an avid supporter of Internet pri-

vacy and a leader in information-technology policy making, co-founded the House Internet Caucus in 1996. The caucus is responsible for educating the Congress and the public about important Internet-related policy issues. He serves as one of the two House co-chairmen for the 140-member caucus.

A graduate of Roanoke College and the University of Virginia Law School, Boucher served as a state senator for seven years before being elected to Congress in 1982.

Keown, a fellow of the Decision Science Institute, has been the recipient of various teaching awards over his 27-year career as a Virginia Tech faculty member. He has been the recipient of the W.E. Wine Award for Teaching Excellence, the Alumni Teaching Excellence Award and, in 1999, received the Outstanding Faculty Award from Virginia's State Council for Higher Education.

Keown is also a member of the board of

(See SPRING on 6)

Grad students receive NSF fellowships

By Liz Crumley

Four Virginia Tech students have received National Science Foundation (NSF) graduate fellowships for the 2001-2002 academic year.

Currently a senior in electrical and computer engineering, Brian Gold will use his fellowship as a master's candidate in computer engineering at Virginia Tech. Working with Assistant Professor Mac Baker, Gold will study a new computer architecture with which multiple processors can be placed on a single silicon chip.

"My work will involve porting scientific applications to this new architecture, as well as potentially beginning the design of the actual silicon chip itself in preparation for prototype fabrication," Gold said. "This is a technology that's eight or more years away, but is one that could revolutionize the way computers are made and even used."

As a senior, Gold has been working for Wireless Valley Inc., a Blacksburg wireless communications company that is a spin-off of Virginia Tech's Mobile & Portable Radio Research Group. Gold said his work at Wireless Valley was instrumental in obtaining the NSF fellowship.

Theresa Gouker, who will complete her M.S. in chemical engineering (ChE) at Virginia Tech fall semester, will use her fellowship for Ph.D. studies in ChE. Working with her graduate advisor, Kimberly Forsten, Gouker will study the combined effects of chemical and mechanical stimulation on the growth of chondrocytes, the cells of cartilage.

"The goal of this project is to compare

(See NSF on 7)

Fulbright supports Thorp's New Zealand research

By Sally Harris

The story of a 13-year-old French soldier of noble descent who joined the Abenaki Indian tribe in the French Colony of Acadia captured the imagination of Dan Thorp, associate professor and associate chair of the history department in the College of Arts and Sciences.

The story of that boy and his future son, who reversed the process and went from being an American Indian to a French baron, and other Europeans who gave up their lifestyles to join Indian tribes, inspired Thorp to begin a book about the two Frenchmen. Now that interest is taking Thorp to New Zealand to study Europeans who went to live with the Maori peoples in that country so he can compare the experiences of "white

Indians" in America and New Zealand.

Thorp has received a research/lecture Fulbright Award to Wellington, New Zealand, to continue his research in the libraries and Maori cultures there. He also will give a couple of public lectures at the Alexander Turnbull Library in Wellington and will give lectures or seminars at each of New Zealand's eight universities. Thorp will be in New Zealand February-June of 2002. His Fulbright Senior Scholar Award for Lecture/Research in Comparative U.S./New Zealand History provides \$40,000 for the trip, research, and lectures.

Thorp has been studying white Indians in America for some years now. The literature concerning the experiences and motives of white

Indians and métis, the children of mixed marriages between Europeans and American Indians, has grown considerably in the past two decades, he said.

In doing his research, Thorp came across the story of 13-year-old Jean Vincent d'Abaddie. D'abaddie was of noble descent, but had an older brother and thus stood to inherit nothing from his father. The youth came to America as a soldier in the French Colony of Acadia and joined the Abenaki tribe, which in the 1670s-1690s was one of the most powerful tribes that threatened Massachusetts. During his 40-year stay with the Abenaki, he married an Abenaki woman and had a son, even becoming the Abenaki's war chief. He served as an

(See FULBRIGHT on 8)

ACHIEVERS

Benjamin Dixon, vice president for multicultural affairs, recently presented "Diversity: A Community's Common Wealth," a forum on organizational initiatives in the areas of cultural diversity and inclusion, and the value of diversity to the greater community. His presentation was made at the First Friday Brown Bag Luncheon at the Roanoke Valley Graduate Center.

Lyn Gray, Christine Jarchow, and Jeannie Bonner of the University Office of International Programs were panelists at the November regional conference of NAFSA: Association of International Educators. Gray, director of international programs, spoke on "Selecting and Preparing Students for Study in Africa" in a workshop on "Whole World Programming." Jarchow, assistant director for education abroad, spoke on "Creating and Managing Student Databases." Bonner, study-abroad adviser, presented "Study Abroad Behavior: Risky Business?" at the session "Research and Study Abroad."

John Levy, professor of urban affairs and planning, has recently written a 5th edition of *Contemporary Urban Planning* as well as a new title, *Urban America: Processes and Problems*, both published by Prentice Hall.

Joe L. Scarpaci, professor of urban affairs and planning, delivered the keynote address at the Pennsylvania Modern Language Association meeting in Pittsburgh last fall. His talk, "The Globalization of Culture and the Role of Foreign Language Education in the U.S.A.: Convergence or Divergence for the U.S. Student Abroad," drew upon 18 study-abroad programs carried out in Chile and Cuba.

Jim Jones, assistant professor of architecture, recently had three articles accepted for publication: "Experimental Study of Cooling Season Performance of Ventilated Double-Glass Envelope Cavities" was presented at the International Building Physics conference in Eindhoven, Netherlands; "Cold Air Distribution Comparison for Four Supply Air Diffusers" will be published in *The American Society of Civil Engineers (ASCE) Journal*; and "Natural Ventilation—The Need for Collaborative Design" will be published in the *American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) Journal*.

Ron Wakefield, building-construction professor, and **Michael O'Brien**, architecture professor, have had their paper "Information and Systems Integration for Residential Construction" accepted in the First International Conference on Innovation in Architecture, Engineering, and Construction, to be held July 2001 at Loughborough University in England.

Terry Clements, associate professor in landscape architecture, received the Virginia Chapter of the American Society of Landscape Architects Distinguished Service Award in recognition of long-time contributions to the chapter and landscape architecture in Virginia.

Thom Mills, associate professor of building construction, was a visiting professor in the faculty of the built environment at the University of New South Wales in Sydney, Australia. During that time, he delivered a Munro Center seminar on "Virtual Visit Technology and Electronic Project Management" and presented

a workshop to the Risk Engineering Society of the Institute of Engineers, Australia. His topic, "Risk Implications in E-Project Management," explored the potential and inherent risk in e-business applications in the management of design and construction projects. He also completed a research project for the Australian Center for Construction Innovation and Multiplex Constructions titled "Electronic Project Management, Process Mapping and Application Solutions."

Charles Goodsell, professor with the Center for Policy and Administration, has recently written *The American Statehouse, Interpreting Democracy's Temples*, which examines the interplay of architecture and politics in all 50 state capitols. Using careful analysis and photographs of exteriors and interiors, Goodsell demonstrates how architectural elements embody political values and ideas, influence the behavior of politicians, lobbyists, and the media, and both awe and unite the citizenry. The book is published by University Press of Kansas.

Pamplin College of Business Dean **Richard E. Sorensen** served as one of three judges last fall for the first annual Torch Awards for Marketplace Ethics, organized by the Better Business Bureau of Western Virginia. The award recognizes Western Virginia companies "that maintain a solid commitment to conducting their business practices in an ethical fashion." The winners were Virginia Varsity Transfer Inc., Fink's Jewelers, Boxley Company, and Kroger Mid-Atlantic. Sorensen has also been appointed chair of the Business Accreditation Committee of the AACSB, the International Association for Management

(See *ACHIEVERS* on 5)

2001 SERVICE-RECOGNITION RECIPIENTS



President Charles Steger, second from left, was on hand at recent service-recognition ceremonies to honor 40-year award recipients Lila G. Eakin, M. Freeda Linkous, and Edward L. Tucker. (J. McCormick)

40-YEAR RECIPIENTS

Lila G. Eakin, Charles L. Gray, M. Freeda Linkous, Bobby L. Poff, Edward L. Tucker.

35-YEAR RECIPIENTS

Carolyn P. Alls, Robert W. Brinlee Jr., Raymond A. Corbin, Johnny L. Cox, Rebecca S. Crittenden, Eddie M. Effinger, Joseph Germana, Nina R. Hopkins, Donald R. Jensen, Nancy R. Linkous, Donna D. McEldowney, Barbara S. McLaughlin, Clarence E. Nolen, Bessie C. Price, Patricia Q. Raines, Richard G. Saacke, James E. Sample, Melvin K. Shaver, Robert E. Shaver, Joseph C. Wang, Barbara L. Yopp.

30-YEAR RECIPIENTS

Wesley E. Atkinson, Richard K. Bambach, Sara P. Barnett, Jerry D. Bell, Ernest F. Benfield, Larry C. Bilby, Monte B. Boisen, Kelcie W. Bower, Annette B. Breeding, Beverly J. Brinlee, Kay Webb Burke, Brenda G. Carter, Michael J.

Clifford, James R. Craig, Rosalind N. Cranor, George W. Crofts, Dorothy N. Cupp, Roger L. Cupp, Jackie E. Davis, Norma J. Dennis, Gary C. Deoms, Frances N. Dowdy, Robert G. Dyck, Dayton E. Egger, Marilyn W. Grizzard, Anita I. Haney, Linda A. Haney, Gary P. Harless, Paul H. Henderson, Sandra S. Henderson, Albert C. Hendricks, Cherry K. Houck, Charles W. Huffman, R. Ann Hutchens, Richard E. Johnson, Wilhelmenia J. Jones, David E. Kenyon, Ann R. Keys, Gary D. Kipps, William F. Kitchel, Catherine W. Light, M. Freeda Linkous, William E. Louhoff, Jacqueline H. Loveday, Jerry M. Lovern, Carolyn Mahan, Peter F. Martens, Jean R. Martin, Ellen C. Mathena, Orson K. Miller Jr., Laurence J. Moore, Lloyd A. Moore, Vickie L. Morris, Michael E. Newhouse, Wanda W. Nolley, Jerry W. Olinger, David J. Parks, Charles J. Parry, Merle D. Pierson, Gary C. Poff, Carolyn Q. Pratt, David R. Pratt, R. Wayne



Recently recognized service-recognition ceremonies were 25-year award recipients from row from left, Barbara L. Yopp, Bessie C. Price, Carolyn P. Alls, Donna D. McEldowney, Nancy R. Linkous, and Rebecca S. Crittenden; back row, Johnny L. Cox, Melvin K. Shaver, Clarence E. Nolen, Joseph C. Wang, and Richard G. Saacke. Also pictured back row, third from left is President Charles Steger. (J. McCormick)

Pugh, Peggy Quarterman, Harry H. Robertshaw, Linda M. Robinson, Patrick F. Scanlon, W. Eugene Seago, Curtis E. Shelor, Donna B. Sizemore, Randall W. Slusser, Lee R. Smith, Henry S. Snodgrass, Michael J. Sporakowski, Sally M. Stafford, Curtis D. Stultz, Samuel G. Sturt, Tucker Swanson, Sandra A. Taylor, Demetrios P. Telionis, Velma D. Thompson, Vance K. Wright, Mattie T. Wyatt.

25-YEAR RECIPIENTS

Kenneth L. Albert, Gene H. Amos, James R. Armstrong, Kathy J. Atkins, Roger W. Averhart, Sally L. Barnett, Louella C. Barr, Joann F. Boles, Charlotte R. Breeding, Thomas A. Capone, Roger L. Carroll, Marilyn C. Cavell, John C. Chandler, Robert M. Chandler, Stephen C. Chapman, George A. Clum, Lovedia S. Cole, Brenda K. Cook, Rebecca M. Cox, Ann

K. Craig, Susan E. Craik, James T. Dove, Brenda B. Dowdy, Steve W. Dowdy, Robert J. Dunay, Konrad K. Eschenmann, Asim Esen, Daniel R. Farkas, Nancy E. Flinchum, Robert V. Foutz, Barbara K. French, Ellsworth R. Fuhrman, Patsy D. Galliher, William J. Glazebrook, Patsy P. Hare, J. Thomas Head, James O. Hicks, James Otey Hoge, Michele Clark Holmes, Philip J. Keating, Waldon R. Kerns, Dennis J. Kilper, Roy J. Kiser, W. David Klemperer, Marvin Lentner, Marilyn V. Lichtman, Edward L. Linkous, Hazel F. Lipes, Beatrice T. Mahan, Randolph C. Marchany, Warren T. Mays, Deborah D. McCoy, Alan R. McDaniel, James E. McGrath, Billy R. McKinnon, Vicki T. Meadows, James W. Michaels, JoAnn Michaels, Harold Mick, Ronald D. Morse, Barbara R.

(See *RECIPIENTS* on 7)

2001 STAFF APPRECIATION DAY

Wednesday, May 16, 2001

10 a.m. – 3 p.m.

Rector Field House

TO: Deans, Directors and Department Heads
FROM: Charles W. Steger

SUBJECT: Staff Appreciation Day

Once again, the university would like to express thanks to the many individuals who play such a vital role at Virginia Tech: the members of our staff. Therefore, I have declared Wednesday, May 16 as Staff Appreciation Day, with the day's activities beginning at 10 a.m. at Rector Field House and concluding at 3 p.m. I am writing to request your strong support for this event by encouraging staff to wear casual clothing, gather to visit and greet their friends, participate in tours and other activities, and cheer on fellow employees participating in relay games.

Please allow all staff and non-student wage employees in your area to participate for a minimum of several hours. Food service will be offered between 11 a.m. and 1 p.m., and a schedule of the day's activities will be mailed to all staff. Share copies of this letter with your managers and supervisors to help them understand the commitment we want them to make toward the success of the day. We recognize there are certain departments that require varying levels of staff support throughout the day; therefore, we are suggesting that offices stay open to receive visitors and phone calls, but with minimal and rotating staffing required to do so.

Staff Appreciation Day cannot be considered a substitution for leave. Employees are asked to report to their normal work location that morning and return in the afternoon. Employees on sick leave or planned annual leave on this date should record the full eight hours as leave. Regrettably, funding is not available to expand the celebration to include families. As in the past, it is intended for employees only.

I appreciate your support of this event, which I believe can make an important contribution to staff morale at Virginia Tech. I also invite you to join in showing our appreciation by

assisting at the picnic. If you would be willing to help, please reply to mbmurray@vt.edu.

INSTRUCTIONS FOR TOUR REGISTRANTS

Tour Registration Deadline: Friday, May 11. Register by phone or e-mail: 1-7111 or mpatty@vt.edu.

Tour Ticket Distribution: Tickets will be sent in campus mail until May 14. Late registrants will be provided tickets at Rector Field House.

Tour Openings: If someone holding a ticket for a particular tour does not show up, we will allow others to fill in those spaces on a first-come, first-served basis. Please check with the tour leader for openings.

Participants will receive a reply to confirm that their registration has been received and if space is available on the tour. **A confirmation ticket will be mailed to your campus address.** Space is limited and we want as many people as possible to have the opportunity to participate. If you have requested a ticket and later find that you are unable to use it, pass it on to someone who will.

Please **bring your tour ticket with you** to Rector Field House to assure your place in the tour. The central meeting place for all walking tours will be inside Rector Field House. When you enter the building from the Spring Road entrance, look for the sign "WALKING TOURS." Tour leaders will hold the sign corresponding with a specific tour. Some tours may proceed even in inclement weather, so bring an umbrella in case of rain. Participants should arrive and begin lining up 15 minutes before the departure time for tours.

PARKING

Suggested parking is available in either in the Commuter Parking Lot on Stadium Road or in the Stadium Parking Lot just off Spring Road. Only handicapped parking will be available at Rector Field House.

A complete time schedule for the entire day will be posted in the May 4 *Spectrum*. Complete details are available on the *Staff Senate* web site at www.staffsenate.vt.edu or the *Spectrum* web site.

If you are a person with a disability and desire any assistive devices, service or other accommodations to participate in these activities, please contact the Office of the President at 1-7111 or call TTY 1-9460 to discuss accommodations by May 9.

TOUR SCHEDULE

West End Market (10:15 a.m., 75 spaces, 1 hour) Come and view the cutting edge of university food service. This tour will explain the marketplace dining concept and provide an overview of each of the seven shops in this facility.

Historical Group Walk (10:15 a.m., 25 spaces, 45 minutes). This walk will feature a historical and hysterical commentary by Doug Martin, human resources manager, Personnel Services. Martin will share his interesting perspectives and background about Virginia Tech.

Horticulture Gardens (Open for self-

guided tours from 10 a.m.-3 p.m.). Located on Washington Street, adjacent to Rector Field House, the Horticulture Gardens complex is a living museum of plants. The gardens are available throughout the day.

Merryman Center (10:15 a.m., 10:45 a.m., 11:15 a.m., 15 spaces for each timeframe, 30 minutes). The Merryman Athletic Center serves as a multi-purpose athletic facility used by Virginia Tech athletes for conditioning and weight training. Additionally, the building houses a 130-seat auditorium, in academic center, and sports medicine offices. This two-story, 40,720-square-foot addition features a glass-enclosed corridor on the second floor connecting with the Jamerson Athletic Center. A tour guide will take you through the conditioning and weight training complex, multi-purpose gymnasium and other areas of interest in the facility.

Wallace Hall Design Kitchens (10:15 a.m., 11 a.m., 1:15 p.m., 25 spaces for each timeframe, 45 minutes). The Center for Real Life Kitchen Design is a unique teaching facility that includes five fully functioning kitchens, one of which is the G.E. Real Life Kitchen. The Real Life Kitchen is a universal-design kitchen, designed to make the kitchen space work for everyone, regardless of size or ability.

The kitchens reflect a variety of price levels, life styles, accessibility, and usage of space. This facility is another example of Virginia Tech's cutting edge on universal design, and it's the first facility of its kind in the nation. Jeanette Steeves will provide background information and demonstrate some of the cutting-edge features.

CommonHealth Fitness Walk (1:15 p.m., open to anyone interested). Robin Conaway, director of CommonHealth at Virginia Tech, will lead the walk. Participants receive a separate CommonHealth gift. Everyone is welcome.

Smart Road (11 a.m., 1:30 p.m., 40 spaces for each timeframe, one hour). Come join us for a bus tour of the Smart Road. Embedded with computer chips, monitored by cameras, and outfitted with weather simulators of all types, this stretch of highway will do much more than connect Blacksburg and Interstate 81. While sections of the road are still under construction, the bus tour will give you a view of the project in progress.

Torgersen Hall (10:15 a.m., 11:15 a.m., 1:15 p.m., 25 spaces for each timeframe, one hour). Torgersen Hall was dedicated on Oct. 6, 2000 in honor of former Virginia Tech President Paul E. Torgersen. The facility offers unlimited potential in research and teaching in the areas of communications, information, and

instructional technologies. Areas of interest in the building include the arch that spans the Mall, classrooms designed with observation areas, and the Cave Automatic Virtual Environment (CAVE), Tech's sophisticated virtual-reality environment. Have fun with images that appear to be real until you find that you can slide your hand right through them. Pictures disappear when you walk beyond the boundaries of the projection room. Van transportation to and from the facility will be real.

The Grove (10:15 a.m., 10:30 a.m., 10:45 a.m., 11 a.m., 4 groups of 15, 30 minutes). The Grove was built in 1902 and has undergone a few renovations through the years. The Grove's stately ambience provides housing for Virginia Tech presidents and their families, and offers lodging and reception areas for distinguished guests to the university. A walking tour past beautiful trees and across a spacious lawn brings you to a home with architectural and historical interest. You will be guided through the main floor of the home where artifacts of Virginia Tech's history are displayed.

Soil Testing Lab and Insect Identification Lab (10:15 a.m., 24 spaces, one hour). Both the Soil Testing and Insect Identification laboratories are located in the Department of Entomology. In the Soil Testing Lab you will learn how the nutrient content in soil is tested and how recommendations can be made for type of fertilizer and amount of lime to assure optimum plant growth. You will be instructed on how to take soil samples in your own backyard to submit to the lab for testing. In the Insect Identification lab you will get a close-up look at unusual bugs. Hercules beetles, native scorpions, stinging caterpillars and some amazing butterflies are among the varieties researched. The group will examine some specimens through microscopes. You'll also learn when to expect the 17-year cicadas to reappear.

Biochemistry Lab and Food Science Lab (10:15 a.m., 24 spaces, one hour). In the Biochemistry Lab, the group will learn how proteins can act as enzymes resulting in the formation of vitamins. Various instrument techniques are used to isolate and characterize these compounds. The tour will familiarize you with the types of techniques and equipment used in this research. The second part of the tour will be spent in the Food Science Lab. How is the proper temperature and time for canning and storing food determined? How do you make sure the seal is properly formed? What does freeze-drying do to the flavor of food? These questions and many others will be answered during the tour. A sample of the final product is planned. Van transportation will be provided to and from the labs.



VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY

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DBHCC announces new interim leadership

By Jeanne M. Garon

Ted Settle, Virginia Tech director of continuing education, has announced that Robert Muse, currently manager of conference and guest services at the Donaldson Brown Hotel and Conference Center (DBHCC), will serve as its new interim managing director.

Steven Crawford, who formerly occupied the interim position at DBHCC, will return to the Hotel Roanoke and Conference Center, where he serves as director of conference services.

ACTIVITIES

EVENTS

Friday, 27

Founders Day.
Founders Day Convocation, 3 p.m., Burruss auditorium: Alfred Defago, ambassador of Switzerland to the United States.
TA-UT, 8 p.m., Squires Studio Theatre: *Arms and the Man*.
Faculty Recital, 8 p.m., Squires Recital Salon: Doris Lederer.

Saturday, 28

YMCA Hike, 10 a.m., Lancaster House parking lot.
Museum of Natural History Program, 11 a.m.-noon: Call 1-3001 to pre-register.
TA-UT, 8 p.m., Squires Studio Theatre. *Arms and the Man*.
NRVS, 8 p.m., Burruss auditorium: *Rhapsodies of Spring*.

Sunday, 29

Dance Concert, 2 p.m., Blacksburg Junior High: Footnotes' *Spring Showing of Dance*.

Monday, 30

Ensemble Concert, 8 p.m., Squires Recital Salon: University Brass Ensemble.

MAY

Tuesday, 1

Salary and Wage Paydate.
Ensemble Concert, 8 p.m., Squires Recital Salon: Low Brass Ensemble.

Wednesday, 2

Classes End.
"With Good Reason," 7 p.m., WVTF: "Life on Mars."
Ensemble Concert, 8 p.m., Squires Haymarket Theatre: University Jazz Ensemble.

Thursday, 3

Reading Day.
Family/Work/Life Resources Program, noon-1 p.m., location TBA.

Friday, 4

Exams Begin.

SEMINARS

Friday, 27

Highlands in Chemistry, 11:15 a.m., 3 Davidson: Frank Settle, Washington and Lee.
MCBB, 12:20-1:10 p.m., 102 Fralin: Gary Wnek, VCU.
Communication Studies, 3-5 p.m., LSHTA: David Moore.

Monday, 30

Horticulture, 4 p.m., 409 Saunders: John Love, USDA.

MAY

Tuesday, 1

Water Science, 4-5 p.m., 108 Seitz: Michele Monti, Virginia Department of Health.

Hort students set for plant sale

The Horticulture Club's annual plant sale is scheduled for on May 10, 11, and 13 at the Virginia Tech greenhouses.

This sale is the culminating event of the year for students in the Horticulture Department, as they have the opportunity to apply their knowledge in a hands-on experience. Students plan the sale months in advance, and learn how to pool all of their resources to make this event a success.

The Horticulture Club members and other students in the department are in charge of growing and/or ordering over 11,000 plants and 700 different varieties of plants. Set-up and display for the sale, pricing and marketing, advertising, and sales allow students the opportunity to work together with faculty members as well as the community.

This event will be held at the Washington Street greenhouses on Thursday and Friday from 8

a.m. until 7 p.m., and on Sunday from 11 a.m. until 5 p.m. The event also involves the Agricultural Economics Club and the National Agri-Marketing Association team. The VT Horticulture Gardens will also be open for anyone who may want to tour the gardens.

The VT Horticulture Club is a non-profit organization that encourages students to develop contacts within the horticulture industry as well as with faculty members, to better understand current developments in horticulture and to promote horticultural-oriented activities in the community. The proceeds from the sale are used by the club to support the community, student trips, contests, scholarships and the VT Horticulture Gardens.

Banquet and auction scheduled to benefit fisheries student

By Lynn Davis

Students at the College of Natural Resources will hold a banquet and auction to help defray the medical expenses of Tim Copeland, a fisheries and wildlife sciences student. Copeland underwent a bone-marrow transplant from his brother in February for leukemia.

The fund-raising event is scheduled for May 10, at 6:30 p.m., at Custom Catering on the corner of North Main Street and 902 Patrick Henry Drive in Blacksburg. The banquet and auction will follow an Appalachian Outdoors theme and are co-sponsored by the National Foundation for Transplants.

The live and silent auction will include items such as wildlife art prints and sculptures, guided turkey hunt, a trip to a bear den, guided

river adventures, fly-fishing equipment, overnight retreats, real-estate appraisal, autographed Hokie memorabilia, and wildlife and fisheries consulting services.

Tickets are \$35 a person, \$60 a couple, and \$250 per table of eight. There will be wine tasting and live music. Tickets may be purchased from Darroch Whitaker at 106 Cheatham Hall, Virginia Tech, 1-6400, dwhitake@vt.edu.

To date the students at the College of Natural Resources have raised more than \$35,000 to help with medical bills. For more information, visit web sites <http://filebox.vt.edu/org/fwgas/webpage/start.htm> or <http://www.transplant.org>.

University hires directors for Southside Virginia initiative

By Jeanne M. Garon

Timothy V. Franklin, associate vice president for government relations and planning at Indiana State University, and Nancy E. Franklin, director of distance education and faculty development at Indiana State, will in late May fill two new positions deemed vital to Virginia Tech's increasing presence in Southside Virginia.

"We're very pleased that our national search resulted in our attracting candidates as qualified as Tim Franklin and Nancy Franklin for leading the development of our Southside initiatives," said C. Clark Jones, vice provost for outreach.

As director of university outreach programs in Southside, a position reporting to Jones, Franklin will lead the university's efforts in developing the Institute for Advanced Learning and Research. Aimed at advancing technology and economic development throughout the Piedmont region, the institute is a collaborative outreach initiative the university is pursuing in Danville with Averett College, Danville Community College, the City of Danville, and Pittsylvania County.

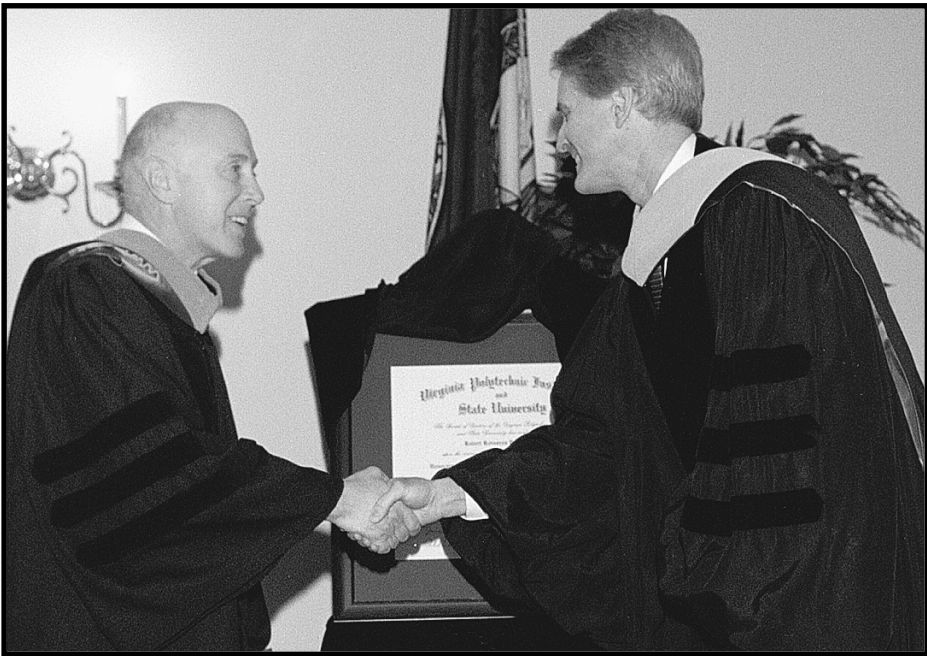
His other duties will include building Tech's presence in the area, attracting funding for the institute, fostering Tech's efforts to stimulate the region's economic development and to build a

networked regional economy, and collaborating with area educational institutions and businesses to identify and meet the area's educational needs

Reporting to Earving L. Blythe, vice president of information systems, Nancy Franklin, the university's Southside regional director of information technology (IT), will be responsible for IT in Southside associated with Virginia Tech, including innovations being planned for the institute. Her responsibilities will include assisting local schools and colleges with integrating technology in educational programming, providing teacher-development activities, coordinating IT for Southside-region distance education, helping to create an advanced communications network, and integrating technology into government and business in the Danville/Pittsylvania region and other Southside communities.

Scheduled for completion in late 2002 or early 2003, the Institute for Advanced Learning and Research will be a state-of-the-art facility offering advanced and prototype programs focused on technology and engineering. Part of its purpose is to apply

(See UNIVERSITY on 7)



DEGREE CONFERRED Tom Tillar, vice president for alumni relations, right, congratulates Robert Pampin after unveiling the framed diploma of the honorary bachelor of science degree in business administration that the university conferred on Pampin in a special convocation last Friday. Tillar was representing President Charles Steger, who had been scheduled to confer the degree but was unable to be present due to a flight delay. (McComick)

ACHIEVERS

Continued from 2

Education, for 2001-03. The AACSB is the premier accrediting agency for bachelor's, master's, and doctoral degree programs in business administration and accounting.

Wing Ng, professor of mechanical engineering, recently served on a review panel that provided guidance and recommendations for the U.S. Air Force's research programs. Panel members representing academia, industry, and government laboratories met for three days at the Air Force Research Laboratory in Dayton, Ohio.

Wing Ng and **Ricardo Burdisso** of mechanical engineering recently gave an invited presentation at the American Institute of Aeronautics & Astronautics' annual Aerospace Sciences Meeting and Exhibit in Reno, Nevada. Their paper, "Active Acoustics & Flow Control for Aeropropulsion," describes ground-breaking technologies that could revolutionize the operation of aircraft propulsion engine systems.

Several communications projects developed in the offices of University Relations and Development received recognition from the Council for the Advancement and Support of Education (CASE, District III). **Randy Stith**, director of visual and broadcast communications, won the Grand Award for "Putting Knowledge to Work" and Special Merit Awards for "ACITC" and "A Home of Our Own" in the film/video category. **Paul Lancaster**, broadcast media coordinator, won a Special Merit Award in the radio program category for "Pfisteria News and Background." **Kathleen Pantaleo**, assistant director of annual giving, won an Award of Excellence in the fundraising projects category for "College Annual Fund, Direct Mail Pieces."

William B. Spillman Jr., associate professor of physics and director of the Optical Science and Engineering Research Center (OSER), has been named a fellow and charter physicist of the Institute of Physics. The Institute of Physics is an international learned society and professional body for the advancement and dissemination of physics, pure and applied, and promotion of physics education. Being a chartered physicist guarantees that a physicist's competence in terms of education, experience, and professional responsibility has been critically scrutinized. A fellow is a senior class of corporate membership indicating a very high level of achievement in physics and outstanding contribution to the profession. The institute has over 30,000 members worldwide.

Terry M. Wildman, professor of educational psychology, director of the Center for Excellence in Undergraduate Teaching (CEUT), and chair of the Learning Communities Committee, was selected as one of four national panelists for a recent Public Broadcasting Service (PBS) live-satellite program on "Effective Teaching and Learning Centers: Best Practices and Emerging Models." Wildman discussed the origin of CEUT, the broad range of programs offered by the center, and activities comprising the university's Learning Communities cross-cutting initiative. In conjunction with the broadcast, CEUT has made available a complete set of background material at www.ceut.vt.edu.

Eileen Van Aken of industrial and systems engineering received second place in the Southeast Region New Faculty Research Award competition of the American Society for Engineering Education (ASEE). The award recognizes research and teaching contributions of faculty members throughout the range of engineering fields. Van Aken works in the areas of team-based work-system design and effectiveness, process/systems management, quality-management practices and tools, and organizational transformation

University Relations publications staff members earned several awards in the 2000-01 Western Virginia American Advertising Federation Awards Competition. *Virginia Tech Alumni Association: 125th Anniversary Menu/Program* won an ADDY Award in the direct-marketing category: **Meg Nugent**, art director, **Mary Grace Theodore**, special-events manager, **Pat White**, copy editor. *Virginia Tech Founder's Day 2000: Presidential Inauguration Program* won a Silver Award in the same category: **Meg Nugent**, art director, **Debbie Rhea**, special-events coordinator, **Pat White**, copy editor. In the collateral material category, *Virginia Tech Undergraduate Viewbook: Picture Yourself @ Virginia Tech* won a Silver Award: **Michele Moldenhauer**, creative director/art director, **Kelly Queijo**, writer,

John McCormick, lead photographer, **Rick Griffiths**, **Bob Veltri**, **Lynn Davis**, photographers, **Jane Talbot**, photo librarian. In the category of visual and audio elements of advertising, "Faces of Change, Diversity Strategic Plan" won a Silver Award: **Michele Moldenhauer**, creative director/art director.

Essentials of Electromagnetics for Engineering, a textbook by **David de Wolf** of electrical and computer engineering (ECE), was published in December 2000 by Cambridge University Press. The book currently is used as part of ECE's curriculum. During the summer of 2000, de Wolf was a visiting professor in the Faculty of Information Technology & Systems at the Delft University of Technology in the Netherlands.

Binoy Ravindran of ECE has been invited to be a guest editor of "Asynchronous Real-Time Distributed Systems," a special edition of the Institute of Electrical and Electronics Engineers' *Transactions on Computers*. Ravindran will serve as guest editor with E. Douglas Jensen of The MITRE Corporation. The special issue will be published in May 2002.

A textbook by **John Cundiff** of biological systems engineering is being published by CRC Press. The book, *Fluid Power Circuits and Controls: Fundamentals and Applications*, is a result of Cundiff's experience in teaching a course in fluid power systems and controls for more than a decade.

Cole Smith, a Ph.D. candidate in industrial and systems engineering (ISE), won first place for his dissertation in the national Institute of Industrial Engineer's (IIE) Pritsker Doctoral Dissertation Award competition. The award includes a \$1,000 cash prize and a plaque and will be presented at the IIE Conference in May. Cole's doctoral adviser is ISE Professor **Hanif Sherali**.

Amy Bell, assistant professor of electrical and computer engineering, has received a research grant from the Alfred P. Sloan Foundation to study the impacts of stereotypes on the academic performance and career aspirations of women engineering students.

Christopher Haycocks, Charles T. Holland professor of mining and minerals engineering, has received the Rock Mechanics Award from the Society for Mining, Metallurgy and Exploration, Inc. (SME) in recognition of his contributions to the teaching of rock mechanics and to furthering the understanding of multiple-seam mining.

Andrew P. Beegan and **Lakshmi Iyer**, master's degree candidates in electrical and computer engineering (ECE) and graduate research assistants in the Digital Signal Processing and Communications Laboratory (DSPCL), presented research papers during the Institute of Electrical and Electronics Engineers Data Compression Conference in Snowbird, Utah, in March. **Amy E. Bell**, assistant professor and director of DSPCL, is research advisor for Beegan and Iyer and co-author of their papers. Other co-authors of Iyer's paper are ECE graduate student **Anbumani Subramaniam** and Professor **Lynn Abbott**.

Physics doctoral student **Mark F. Makela** has been selected to attend the 51st meeting of the Nobel Laureates to discuss the current state of physics in Lindau, Germany, June 25-29. Makela was nominated by his advisor, associate professor R. Bruce Vogelaar, and selected by the Oak Ridge Associated Universities (ORAU), a consortium of 86 doctoral-granting colleges and universities which offers this program. He is one of 38 students who will attend.

Margaret Murray, associate professor of mathematics, received an honorable mention award from the Professional/Scholarly Publishing Division of the Association of American Publishers for her book on women mathematicians, *Women Becoming Mathematicians: Creating a Professional Identity in Post-World War II America*. Murray's honorable mention was in the category of History of Science and Technology. Her book focuses on the lives and experiences of women who earned doctorates in mathematics from American colleges and universities between 1940-1959. The book has also been nominated for the History of Women in Science Prize from the History of Science Society and for a Virginia Book Award.

Professor **Larry T. Taylor** recently visited several sites in Asia to lecture and consult on supercritical fluid technology. Most of the areas visited suffer from high air pollution and are

in need of new technology to help solve this problem. Taylor gave lectures in Seoul, Korea, Beijing, China, Bangkok, Thailand, and Hong Kong. Taylor will also serve as the program chairman for the 10th International Symposium on Supercritical Fluid Chromatography, Extraction and Processing, which will be held in Myrtle Beach, S.C., in August.

Geological Sciences Professor **James Craig** has published the third edition of his textbook, *Resources of the Earth: Origin, Use, and Environmental Impact*. Published by Prentice Hall, the book is now being used at several universities. Craig is the first author with co-authors David J. Vaughan, University of Manchester in England, and Brian J. Skinner, Yale University.

In March **Michael Kosztarab**, professor emeritus, received the L.O. Howard Distinguished Achievement Award from the Eastern Branch of the Entomological Society of America in honor of his lifetime achievements. **Tim Mack**, head of the department, received the organization's Distinguished Achievement Award in Teaching. He is recognized as a national leader in distance learning and has had a large influence on the development of distance learning curricula in many departments of entomology throughout the United States. **Alexei Sharov**, professor of entomology, received the Eastern Branch's Award for Excellence in Integrated Pest Management. His research has led to the development of a decision-support system to reduce the progression of the gypsy moth to the West and South.

Graduate student **Lois Swoboda** won the student paper competition from the Eastern Branch of the Entomological Society of America at its meeting for her talk, "The response of the Eastern subterranean termite *Reticulitermes flavipes* (Kollar) to subterranean guide lines of wood products and non-wood materials." She is working with assistant professor **Dini Miller**. Four other graduate students in entomology competed in the "Linnaean Games," an entomology-quiz game sponsored by the Entomological Society of America. **Erin Holden**, **Sean Malone**, **Rachael Perrott**, and **Lois Swoboda** competed against a team from the University of Delaware.

Robin Atkins, office of multicultural affairs, and **Vickie Carroll**, computer science, co-presented "Implementing a Minority-Focused Staff Mentoring Program in Higher Education: Learning from the First Two Years" at the Diversity in Mentoring Conference in Washington, D.C., in March 2001.

Seventeen Residential and Dining Programs (RDP) staff members recently completed the requirements set by Virginia Cooperative Extension and the Virginia Department of Health for the Hazard Analysis Critical Control Point (HACCP) Course for Foodservice Professionals. Those completing the course and successfully passing the examination include **John Barrett**, **Mark Bratton**, **Chad Brodtkin**, **Eric Cartwright**, **Leann Cook**, **Tony Cook**, **Jud Flynn**, **Terry Gadd**, **Lori Greiner**, **Crystal Hollins**, **Donna McEldowney**, **Barbara McGuire**, **Luther Moseley**, **Bryan Norris**, **James E. Surfuce**, **Mark Weaver**, and **Alfred Weeks**. HACCP food safety systems combine up-to-date technical information with step-by-step procedures to evaluate and monitor the flow of food through the establishment. Currently, 59 RDP employees have passed the examination.

Torgersen research awards presented

By Liz Crumley

Six students from the College of Engineering received this year's Paul E. Torgersen Graduate Student Research Excellence awards. The annual awards were established in 1990 by the college's Graduate Student Committee to honor Torgersen, former dean of the college and president of Virginia Tech.

A panel of six faculty and graduate-student judges selected the award-winning papers from those submitted by students from throughout the college.

Three awards were presented to M.S. candidates Jason Burdette of engineering science and mechanics, a student of Professor Ken Reifsnider; Karl Sheldon of mechanical engineering, a student of Professor Walter O'Brien; and Todd Pechar of chemical engineering, a student of Associate Professor Eva Marand.

The three Ph.D. awards were presented to Xingsheng Liu of materials science and engineering, who works with Associate Professor G.Q. Lu; Diane Vaughan of industrial and systems engineering (ISE), who completed her Ph.D. with Associate Professor Pat Koelling; and Barbara Fraticelli of ISE, a candidate working with Professor Hanif Sherali.

The winners, who received cash awards totaling \$2,050, presented their papers to colleagues on March 27.

EMPLOYMENT

CLASSIFIED POSITIONS

FULL TIME

Two full-time food-service positions available.

Accountant Senior, 002169F, Pay Band 4, University Controller.

Administrative/Research Assistant, 007674B, Pay Band 3, ECE/MPRG.

Administrative Assistant, 000150S, Pay Band 3, VP for University Development/University Relations.

Agricultural Technician, 004218M, Pay Band 2, College Farm.

Asphalt Lab Technician, 007750R, Pay Band 3, VTTI.

Assistant for Alumni Center Campaign, 002179S, Pay Band 3, University Development.

Athletic Facilities Manager, LC000081J, Pay Band 4, Athletics.

Bakers Assistant, 000704H, Pay Band 1, RDP/Deet's Place.

Communications Officer, 001567L, Pay Band 3, Police.

Computer Network Support Technician Senior, 006510B, Pay Band 4, Philosophy.

Course Development Specialist, 007708M, Pay Band 4, Entomology.

Head Horticulturist, 004559M, Pay Band 4, Horticulture.

Housekeeping Assistant Supervisor, 000552H, Pay Band 1, RDP/Owens Dining Center.

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

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

Hvac Technician Senior, 000516H, Pay Band 4, RDP.

Lab Specialist Senior, 007743M, Pay Band 4, PPWS.

Laboratory Specialist, 007707B, Pay Band 3, CE.

Laboratory Specialist, 007245M, Pay Band 3, Biochemistry.

Laboratory Specialist, 004004M, Pay Band 3, CVM.

Laboratory Specialist Advanced, 007735M, Pay Band 4, BSE.

Laboratory Specialist Senior, 004275B, Pay Band 4, Chemistry.

Large Animal Supervisor, 006998M, Pay Band 4, Veterinary Teaching Hospital.

Library Courier Assistant, 000489F, Pay Band 2, Library/Circulation Reserve.

Office Services Specialist, 004497F, Pay Band 2, Purchasing.

Payroll Manager, 002501F, Pay Band 5, Controller's Office.

Pre-portion Supervisor, 000752H, Pay Band 1, RDP/Dietrick Dining Center.

Pre-prep Assistant, 000397H, Pay Band 1, RDP/Southgate Center.

Program Support Technician, 002079B, Pay Band 3, English.

Snaps Security Guard, 007723C, Pay Band 1, Police.

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

Special Events Planner, 006782S, Pay Band 3, VP for University Development/University Relations.

Surgical Ward Technician, 002637M, Pay Band 4, Veterinary Teaching Hospital.

PART TIME

Administrative Assistant, W023132S, Pay Band 2, University Relations.

Assistant Editor, W020344S, Pay Band 4, University Relations/Outreach Communications.

Executive Secretary, 004557R, Pay Band 3, CNR.

One part-time food-service position available.

ICU Vet Technician-large Animal, W022218M, Pay Band 2, Veterinary Teaching Hospital.

Industrial Hygiene Technician (Program Support Technician), W022050Y, Pay Band 3, EHSS.

Inventory Assistant, W023230F, Pay Band 2, University Controller.

Pharmacist (Relief), W022501M, Pay Band 6, Veterinary Teaching Hospital.

Program Assistant, W023240M, Pay Band 2, Dairy Science.

Program Support Technician, W022617M, Pay Band 3, Horticulture.

Program Support Technician, W023241M, Pay Band 3, AAE.

Secretary Senior, W020618M, Pay Band 2, CVM.

Small Animal ICU Technician, W020101M, Pay Band 4, Veterinary Teaching Hospital.

Switchboard Operator, W022101A, Pay Band 2, CNS.

UNIVERSITY ONLY

Business Services Account Technician, U007020A, Pay Band 3, CNS.

OFF CAMPUS

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

Program Support Technician, 005409M, Pay Band 3, VCE—Goochland County.

Radio Announcer, W020800L, Pay Band 3, University Relations/WVTF Radio.

Research Specialist Senior, 006504R, Pay Band 4, CMI.

Secretary Senior, 005779M, Pay Band 2, VCE—Franklin County.

Underwriting Account Executive, 001963L, Pay Band 3, WVTF.

FACULTY POSITIONS

INSTRUCTIONAL

Biomedical Sciences/Pathobiology. Clinician Educator. Contact: Ludeman Eng, College of Veterinary Medicine (0442). Review begins August 15.

NON-INSTRUCTIONAL

VCE. Extension Agent, ANR, Animal Science. #FA601, Spotsylvania Co. Contact: Steve Umberger, 121 Hutcheson (0437). Review begins May 11.

VCE. Extension Agent, ANR, Farm Business Management. #111463, Southampton Co. Contact: Steve Umberger, 121 Hutcheson (0437). Review begins May 11.

RUFFNER MEDAL

Continued from 1

NationsBank Corp. and its predecessor corporations, he held various executive positions touching upon management, construction management and real-estate development.

When he retired in 1995, Maxson was senior vice president and manager of corporate real-estate services for the mid-Atlantic states. Maxson was then asked to serve as a business and project consultant for the development of the Virginia Biotechnology Research Park in downtown Richmond, which he completed before retiring again in 1998.

For Virginia Tech, Maxson was appointed to the university's Board of Visitors three

times by three different governors of both major political parties. He has also been a member of the College of Architecture and Urban Studies (CAUS) Advisory Council since its inception. During The Campaign for Virginia Tech, the university's recently completed national fund-raising campaign, Maxson served on the university's leadership committee and on the campaign advisory councils for the CAUS and the College of Veterinary Medicine. Maxson and his wife Shirlee have also made major contributions to endow permanent funds that will help students in architecture and building construction study abroad as well as endowed funds to help students in the College of Veterinary Medicine.

"Cecil Maxson has shared his time and his resources as a member of our Volunteer Cam-

paign Committee and has been an important factor in our success," said Dean of Veterinary Medicine and member of the nominating committee for the award, Peter Eyre.

Maxson also is involved by being a member of the Ut Prosim Society, the William Preston Society, Endowed Golden Hokie member, and the Legacy Society. In 1999, he was presented with the CAUS's highest honor, the Lifetime Contributions Award, and was awarded the College of Veterinary Medicine's highest honor, induction in the John. N. Dalton Society, that same year.

Maxson's dedication to the university's motto: "UT Prosim: That I May Serve," reaches beyond the Drillfield. He was a member of Sigma Lambda Chi, a National Honor Construction Society. In addition, he is involved with the Ameri-

can Society of Civil Engineers, and the International Society of Facilities Executives, and has served as director and president of the South Richmond Rotary.

The William H. Ruffner Medal is given to individuals who have performed exceptionally distinguished service on behalf of the university, state, and the nation.

SPRING

Continued from 1

directors of the Financial Management Association. For six and a half years he served as the co-editor of the *Journal of Financial Research* and currently is the co-editor of the Financial Management Association's Survey and Synthesis Series. In addition journals articles, he has written three textbooks (*Basic Financial Management*, *Foundations of Finance: The Logic and Practice of Financial Management* and *Personal Finance: Turning Money into Wealth*) currently used in college-level finance classes throughout the United States.

In other Commencement-related activities, the College of Veterinary Medicine will hold its graduation ceremony in Squires Student Center in the Commonwealth Room at 7 p.m. The Virginia Tech Corps of Cadets will hold its graduation ceremony on May 11 at 2 p.m. in the Donaldson Brown Hotel and Conference Center auditorium. The New Virginians Commencement Show will be held at 8 p.m. Friday in Squires Haymarket Theatre.

For more information, see the Virginia Tech web page at www.vt.edu. For information on the undergraduate ceremony, call Carolyn Agnew at 1-3208. For information on the Graduate School ceremony, call the Graduate School at 1-5645.

ALUMNI

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master's degree, Garvin went to work for the Exxon Corporation where he worked his way up from process engineer in the refineries to president of the corporation in 1972; he was selected chairman and chief executive officer in 1975. He remained CEO of Exxon until 1986 when he retired.

Besides Garvin's impressive career, he has consistently given back to Virginia Tech. He served from 1988-1996 on the university's Board of Visitors, including five years as rector of the board. Garvin has also served as vice chairman of the Campaign for Excellence, Tech's first national fund-raising campaign, was chairman of the Virginia Tech Annual Fund and was a member of the Corporate Development Council and Council of 100 in the College of Engineering. In addition, Garvin's

generous endowments to the university have helped to establish two professorships, one in the Arts and Sciences and the other in Engineering.

Tom Tillar, vice president for Alumni Relations has worked closely with Garvin. "The university has been fortunate to have an alumnus of Cliff Garvin's stature to serve in leadership roles with the university's governing board, foundation, College of Engineering, and fund-raising initiatives through the years. He always says 'Yes, I will help,' whenever he is asked," Tillar said.

Garvin is also a member and director of numerous national and international corporations including director of Georgia Pacific, Chevron Corp., Citicorp, Citibank, Johnson & Johnson, J.C. Penny Co. Inc., PepsiCo Inc., Sperry Corporation, TRW Inc., and the United Way of Tri-state.

Garvin has honorary doctorate degrees

from New York University, Stevens Institute of Technology and Georgetown University. He was the recipient of the Distinguished Service Award from Texas Mid-Continent Oil and Gas Association, and the C. Walter Nichols Award from New York University Graduate School of Business. The government of the Netherlands has also honored Garvin.

"Cliff Garvin has been a friend and mentor since the earliest days of my presidency," said former President Paul Torgersen. "He has been able to offer advice from a unique perspective; as head of a large and complex organization his insight has been very helpful to me."

Garvin was the first recipient of the Distinguished Achievement Award from Virginia Tech in 1983 and he also won the William H. Ruffner Medal, the university's highest honor in 1997.

The Alumni Distinguished Award is given based on service to the university. It is presented annually during Virginia Tech Founders Day.

RECIPIENTS

Continued from 2

Niederlehner, Roger L. Norton, Patrick A. O'Reilly, Richard G. Oderwald, Robert F. Olin, Michael D. Olsen, Bobby L. Pack, Arnita S. Perfater, Pamela H. Pettry, Lou Ann Phipps, Donna S. Pitt, Henry S. Pittard Jr., Raymond H. Plaut, Duncan M. Porter, Brenda S. Pratt, Robert W. Price, Bruce A. Rakes, Peggy L. Rasnick, Terrie O. Repass, Deborah A. Rhea, Cosby S. Rogers, Cheryl W. Ruggiero, Patricia G. Saunders, Steven D. Shelor, Thomas C. Shelton, Charles P. Shorter, Joyce D. Simmons, Nancy C. Simmons, Clifton A. Slade, David O. Smith, Helen W. Smith, Ira W. Smith, Jr., Larken L. Smith, Linda M. Smith, Robert L. Snider, Charles W. Steger, Arnold C. Sutphin, Robert L. Swain, Bernard W. Taylor III, Christa C. Thomas, Jennifer K. Tickle, Virginia S. Viers, Jackson R. Webster, John C. White, Marshall S. White, Eddie Whittaker, Frances H. Whittaker, James H. Wilson, Pamela A. Winfrey, Harold W. Wisdom.

20-YEAR RECIPIENTS

Jay S. Altizer, Roger Ariew, Peggy P. Arnold, John T. Ashby, Edith A. Austin, Wanda K. Baber, Judith H. Bame, Calvin D. Barker, Holly S. Bender, Maxine T. Benson, David R. Bevan, Maralee A. Bishop, Jacqueline E. Bixler, James R. Bohland, Beverly S. Bond, Dean R. Bork, Marcie Boucouvalas, Jeffrey C. Bridgman, Clark M. Brown, Glenn R. Bugh, Curtis E. Caldwell, Janice S. Caldwell, William G. Camp, William W. Campion, Colin B. Carrig, Doris F. Carson, Dorothy I. Carter, David R. Chalmers, Paul J. Chambers, Donald M. Chance, Gerry M. Chenault, Boris I. Chevone, Victoria E. Clark, Margaret O. Clatterbuck, Patty C. Collier, Sharon J. Cox, David F. Crane, Elizabeth G. Creamer, Karen A. Cronin, Virginia W. Croushorn, John S. Cundiff, Walter L. Daniels, Forrest D. Davis, Martin V. Day, Cynthia J. Denbow, Debra S. Duncan, John E. Early, Eric Eberly, Margaret A. Evans, Judy S. Faw, Marva M. Fields, James D. Fraser, Shelby C. Garrett, L. Leon Geyer, Leslie P. Graham, John W. Grant, Sandra L. Griffith, John A. Gunter, Kathy S. Haden, George A. Hagedorn, Edward S. Hagood, Robert E. Hale, Patricia G. Harden, Carolyn H. Harris, James W. Harris, Joann Harvill, Marie T. Hensley, Ann A. Hertzler, Randy L. Hilton, Richard F. Hirsh, William H. Holbach, Joni B. Holder, Golde I. Holtzman, Michael A. Huffman, Steven C. Hummer, Mary D. Hunter, Brenda J. Husser, Robert E. James, Joan P.

Janney, Gover L. Johnson, Leslie Jones, Bernard S. Jortner, Jesse N. Judy, Barron B. Keeling, Muriel Kranowski, George H. Lacy, Jimmy L. Lawrence, Judy L. Lilly, Dedra J. Link, Janet T. Linkous, Dennis W. Mabry, Judith A. Madigan, James C. Maitland, Randolph A. Maitland, Elizabeth Struthers Malbon, Anita K. Martin, Dawn E. Maxey, Joan H. McLain-Kark, James B. Meldrum, Philip A. Mellen, Kathy R. Miller, Douglas B. Minnick, Shirley M. Moede, Dexter K. Morris, Rhoda R. Myers, Leslie Neilan, George W. Norton, Marjorie J.T. Norton, Kim T. O'Rourke, Donald J. Orth, William D. Page, Janice G. Palmer, Linda F. Pittard, Larry G. Pearson, Linda F. Pittard, Verner A. Plott, Jon J. Polifrone, Timothy Pratt, Henry C. Price, Lois H. Price, Loren P. Rees, Sedki Mohamed Riad, Robert R. Richards, John V. Ridinger, James D. Rimstidt, Everett A. Roberts, Joyce M. Rolan, Robert A. Russell, Michael A. Saluta, Mark E. Sanders, Christine Saunders, Machell S. Schmolitz, Linda C. Seawell, William W. Seay, Emory H. Shaver, Curtis E. Shields, Crandall A. Shifflett, Samuel D. Shumate, Robert A. Simonds, Phyllis T. Simpkins, Sandra D. Simpkins, Joseph Slawny, Douglas C. Smiley, Deborah J. Smith, Ellen F. Smith, Larry D. Smith, Teddy H. Smusz, Jill T. Songer, Daisy L. Stewart, Andy Swiger, Creed B. Taylor, Odetta B. Terry, Susan E. Trulove, Steven H. Umberger, Richard E. Veilleux, Michael John Weaver, Dee Ann West, William D. Whittier, Bruce D. Williams, Edward R. Willis, Carl W. Winters, Linda S. Woodard, Kathie A. Worner.

15-YEAR RECIPIENTS

Joseph C. Albert, George A. Allen, Bonnie L. Appleton, Kimberle A. Badinelli, Ralph D. Badinelli, Keith Balderson, Jinx L. Baney, William E. Barbeau, William T. Baumann, Lawrence R. Bechtel, Yvan J. Beliveau, Kelvin D. Bergsten, Gary L. Bland, Alicia G. Blankenship, Sandra S. Blevins, Robert J. Bodnar, John M. Bowen, Patricia L. Boyle, Thomas L. Brandon, Gary S. Brown, Mary Lou Bruce, Linda R. Bucy, Elizabeth C. Calvera, Katherine R. Cantrell, Robert S. Carner, Robin B. Carner, Jacqueline Q. Carroll, Deborah L. Carter, Garland W. Charlton Jr., Steven W. Clarke, Phillip J. Clauer, Rose M. Cole, Mary C. Corker, Richard D. Cothren, Deborah K. Cruise, Eric R. Day, Dennis R. Dean, Virgil F. Decker, Karen S. Denny, William J. Devenport, Donald W. Doss, Linda M. Doss, Michael L. Duncan, Doris H. Dunn, Darrell A. Early, Jessie S. Eaves, Jonathan D.

Eisenback, Leonard H. Elam, Cornelia G. Estep, Gregory K. Evanylo, Peter Eyre, Roseanne J. Foti, Marvin C. Foushee, David C. Fritz, Debora C. Gaborik, James W. Garrison, Matthew N. Gart, Philip E. Gettel, Patricia W. Glosh, William D. Good, George M. Graham, Herman S. Greever, Odis Hayden Griffin, Jr., Richard E. Griggs, Charles Hagedorn, F. Spencer Hall, Hans H. Haller, James M. Harness, Bruce B. Harper, Rita P. Harris, David W. Harrison, Richard W. Hayman, Mark S. Helms, Amelia G. Hill, Kenneth L. Hines, Florence W. Huffman, Charlotte B. Hungate, Z. Scott Hurst, Austina E. Jackson, Suzanne I. Jackson, Allen R. Jarrells, Richard C. Jennelle, Brenda D. Johnson, Charles S. Johnson, Jo I. Johnson, Gerald W. Jones, Joseph W. Jones, Joan Kalnitsky, Tammy V. Kast, Judith S. Kemp, Gary F. Kendall, Lydia E. Kerr, Alice F. Kinder, Susan E. King, Gordon Kirk, James C. Klagge, John D. Krallman, Michael T. Lambur, Irene E. Leech, Rodney P. Leech, Livi Librescu, Phyllis K. Light, Joyce A. Lilly, Edward L. Linkous, Jack Lipes, Pamela H. Lucas, Samuel S. Lyles, Charles H. Lytton, John J. Maher, Richard P. Marini, Bonnie G. Martin, Marshal H. McCord, Linda D. McGraw, John A. McLeod, Margaret P. McQuain, Robin C. Meade, Marcia B. Meador, Robert R. Meadows, David V. Midkiff, Hara P. Misra, David M. Moore, Margaret I. Morse, Daniel W. Mosser, John A. Muffo, Michael J. Murray, Joan F. Myklebust, Raymond L. Nebel, Douglas J. Nelson, Byron D. Nichols, Donna B. Nichols, Bruce D. Obenhaus, Timothy J. Oliver, Sarah Page Owen, Kathy H. Pennington, Stephen L. Perfater, Teresa G. Phipps, Ann D. Poff, Malcolm Potts, Doris M. Prillaman, Beverly J. Purswell, Murell C. Quesenberry, Krishnan Ramu, Kimberly S. Raymond, Daniel L. Reed, Suzanne B. Reisinger, Kenneth R. Ridpath, Judy S. Riffle, Patrick G. Robinson, Ritajean C. Robinson, William T. Ross, Lucinda H. Roy, Beverly C. Samuel, Lisa S. Saul, Patricia L. Schmidt, Verna A. Schuetz, Tarun K. Sen, Bonnie B. Shealor, Lewis M. Shelton, Troy D. Simpkins, Harrison Sizemore, Carol Sue Slusser, Alfred L. Smith, Mary A. Smith, Ruth A. Smith, Tracie P. Smith, Christine E. Sokol, John Speese, Kathy Dooley Spickard, Donna M. Spitler, Carl C. Stafford, Barbara E. Stiles, John F. Stimpson, Randall R. Stith, Daniel W. Suroski, Cathy M. Sutphin, William M. Tallant, Kwa Sur Tam, Debra A. Taylor, Surot Thangjitham, Barbara K. Tipton, Julianna Toth, Robert M. Vanepp, Teresa P. Vaughan, Randall L. Waldron, Jacob E. Waller,

Betty L. Ward, Sandra J. Weber, Donna J. Wells, Richard E. Weyers, Nathaniel A. White, Thomas W. Wilkinson, Rhonda J. Wills, Diana J. Wilson, Martha H. Wirt, Anthony K. Wolf, Cynthia M. Wood, David M. Wooddall-Gainey, Eugene R. Yagow, James A. Yardley, Karen L. Young, Anne M. Zajac, Laurie T. Zirkle, Bruce W. Zoecklein

10-YEAR RECIPIENTS

Zachary R. Adams, Imad L. Al-Qadi, Myron R. Anderson, Marc T. Aveni, Carmelita C. Bishop, Dushan Boroyevich, Susan L. Brown, Ralph M. Byers, Elizabeth R. Calen, Janet M. Carroll, Patricia H. Carstensen, Scott W. Case, Gary S. Colbert, Michael W. Collier, Frank D. Conforti, Barbara S. Cowles, Joe R. Cowles, Peggy M. Dehart, Lydia L. Donaldson, Laura S. Douglas, Holli G. Drewry, Joseph P. Durham, Theodore W. Easterling, Evelyn S. Eichorn, Debbie L. Elkins, Rosemary M. Fenn, Russell W. Fenn, S. Dru Forrester, Shawn L. Furr, Sandra E. Gabbert, Teresa L. Gallagher, Clark K. Gaylord, Nancy J. Gibson, Elizabeth T. Gilboy, Elizabeth A. Grabau, Terry N. Grubb, Susan A. Hagedorn, Karen M. Hult, John D. Jacobson, Robert A. Jaeger, Spencer A. Johnston, Ronald G. Kander, Paul J. Kast, Andrea L. Kavanaugh, Dorothy E. Keister, Barbara M. Kellison, Rosemary S. Kesling, David F. Kibler, Stacey A. Kuhar, Ernest B. Lang, James R. Lang, Curtis A. Laub, Steven C. Leist, Denise L. Linkenhoker, Richard Michael Linkous, Renee G. Loeffler, Eric D. Long, Teena P. Long, Mary S. Lucado, Mark E. Lucas, Sherry K. Lynch, Elaine C. Matuszek, Delores M. McDowell, Alice M. McNeil, Lori D. Miller, James G. Mitchell, Melba R. Morrozoff, Jacqueline Little Nottingham, Quintin J. Nottingham, Semih M. Olcmen, Sarah P. Owen, Marie L. Paget, E. Frank Pearsall, Karl K. Peter, Timothy L. Pickering, F. William Pierson, Margaret K. Radcliffe, Cliff T. Ragsdale, Michelle Raines, Rhonda W. Randel, Michael J. Reardon, Thomas D. Reed, Joan M. Riessen, Julie M. Riggs, Mark A. Robertson, Gary S. Robinson, William S. Royston Jr., Jennifer S. Rudisill, Geraldine S. Saffle, Rachel R. Saville, Marcy H. Schnitzer, Jerome P. Smith, Susette W. Sowers, Cynthia R. Spangler, Derwin E. Stafford, Bruce N. Stanger, William S. Swecker, Dennis G. Sweeney, Gerard Toal, Betsy F. Trenor, Cheree M. Turner, Ramona B. Vaught, Anbo Wang, Edward Weisband, Paula W. Williams, T.O. Williams III, Judith A. Wills, Eric A. Wong, Keying Ye, Deborah E. Young

UNIVERSITY

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Virginia Tech's knowledge capital to the Piedmont economy, traditionally dependent on tobacco and home to the largest single-unit textile mill in the world.

Proposed institute programs include specialized training to develop an advanced-network-technology maintenance team for the region's proposed new Internet infrastructure; advanced degrees and certification programs in technology-related disciplines; courses addressing the region's emerging capacities in polymers, aerospace, biotechnology, bioinformatics, and information and communications technologies; and research related to strategic economic opportunities for the region.

A proposed magnet school may co-locate with the institute, enabling collaborative programming and educational activities.

For the new directors, the positions in Southside represent a return to the university they both worked for during the early 1990s.

At Virginia Tech, Franklin was a visiting professor for sports management, associate planning coordinator in the Office of University Planning, and adjunct graduate faculty member in educational administration. At Indiana State University, he served as assistant vice president for planning and budgets before assuming his current position and Indiana State.

At Virginia Tech, Franklin coordinated the university's instructional development initiative and its Faculty Development Institute. At Indiana State, she served as director of planning and faculty development before becoming director of distance education and faculty development.

NSF

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the growth of normal cells to the growth of cells from a patient with osteoarthritis to help determine the cause of the disease," said Gouker, whose master's thesis focuses on the effects of pH on the binding rates of two proteins.

Gouker received her undergraduate degree from Rowan University in Glassboro, New Jersey.

Andrew Madden, a master's candidate in geology, will begin Ph.D. studies fall semester as an NSF fellow. Working with Professor Michael Hochella, Madden will continue research of the interactions between micro-organisms and minerals, using atomic-force microscopy, scanning electron microscopy, laser scanning microscopy, and other techniques of geochemistry, microbiology, and molecular biology.

"Because of the tiny size of bacteria, our research is focused on how nano-scale processes affect our environment," Madden said.

"Our continuing goal is to explain nano-scale bio-geochemical processes that are relevant to the environment."

Madden began graduate studies at Virginia Tech after receiving his B.S. in geology with honors from Michigan State University in May 2000.

After receiving her undergraduate degree in civil and environmental engineering from Virginia Tech in May, Jennifer VerWest will use her NSF fellowship for graduate studies at Texas A&M University.

"I will study water resources, with a concentration in hydrology," VerWest said. "I want to do research in evaluating watersheds to determine how land change will affect runoff and increase flooding. To do this, I'm going to use geographic information systems and current hydrological models."

This past year, VerWest was one of only two civil engineering students selected nationally by *CE News* to receive a \$1,000 scholarship and a full-page feature in the magazine's "Spotlight on Star Students."

OSER invites research-funding proposals

By Susan Trulove

The Optical Sciences and Engineering Research (OSER) Center invites proposals from Virginia Tech faculty members seeking research funding.

The deadline is 5 p.m. May 15, "but we are only looking for an executive summary and proposed budget," said OSER Director Bill Spillman.

Focus areas for proposals are:

1. New projects addressing the most important areas identified by the Carilion cost model. OSER determined specific areas of highest medial cost in the year 2000 and how the costs would evolve over the next 10 years in this region. The largest broad-cost areas are cardiovascular system, pulmonary system, surgery, gastro-intestinal system, and orthopedics. The 10 largest sub-category areas are cardiac-pace-maker implants, tracheostomy, coronary bypass with cardiac catheterization, heart failure and shock, major bowel procedures, limb reattachment, pneumonia and pleurisy, coronary bypass without cardiac catheterization, cardiac-valve procedures with cardiac catheterization, and respiratory-system diagnosis with ventilator support. Research proposals are therefore

sought which might have the potential to ultimately reduce costs in the specific sub-category areas, the general broad categories above, and other areas of biomedical or biological research.

2. Four mini centers, with potential funding of \$100,000. Before submitting a proposal, interested researchers are urged to contact the directors to discuss integrating their research. The centers and contacts are Macromolecular Organization Via External Stimuli, Judy Riffle and Timothy Long, chemistry; Biological Photodynamics, Karen Brewer, chemistry, and Kenneth Meissner, OSER; Bioassay Materials, Techniques, and Devices, Ravi Saraf, chemical engineering, and Mark Crisman, veterinary college; Biophysics, Massimiliano Di Ventra, Guy Indebetouw, and Spillman, physics.

3. New projects at the University of Virginia supporting the first two focus areas.

4. New projects at Virginia Tech solicited and approved by the University of Virginia, to be covered under a separate solicitation.

Send electronic submissions only to lcollier@vt.edu. For more information and proposal format, visit www.oser.vt.edu after May 1. Recipients will be notified on May 31.

Collaborative French and College of Business program gets DOE grant

By Sally Harris

An interdisciplinary team from Virginia Tech has received a two-year grant of \$80,000 the first year and \$85,000 the second year from the United States Department of Education under Title VI, the Undergraduate International Studies and Foreign Language Program.

The amounts of the grant will be matched by Virginia Tech, making the grant total around \$390,000. Title VI grants are awarded to colleges and universities to internationalize the curriculum and to promote the study of foreign languages. Virginia Tech's French program of the Department of Foreign Languages and Literatures in the College of Arts and Sciences and Tech's Pamplin College of Business will carry out the initiatives of the grant. The co-directors are Sharon Johnson (French), Richard Shryock (French) and Robert Sumichrast (Pamplin College of Business).

Over the next two years, new curricular opportunities will be created for students in six different departments of the two colleges. The initiatives will bring language study and cross-cultural skills to a new group of students, offering a full range of international study and internship opportunities in French and English.

The goals will be met in six main ways:

The grant will diversify the university's core curriculum through the creation of three courses in cross-cultural studies taught in English by professors of French. In addition, two Business French courses will be created. Thirteen business and French courses will be revised or infused with international business content. Seven of these will incorporate collaborative student projects with the National Institute of Telecommunications in Evry, France.

The collaborative student projects are a unique aspect of this grant request. The co-directors said these projects transform the learning environment instantaneously. At least

two cultures and their respective value systems come together and at times collide in these projects wherein students in France interact directly with Virginia Tech students. All facets of the classroom dynamics are internationalized for language and tone, and the presentation of ideas is culturally specific. Therefore, different styles of communicating, negotiating, and evaluating come to the fore and must be recognized while accomplishing the project's tasks. As a result, all participating students will experience the very real challenges of international partnerships while they refine their intercultural communications skills.

The creation of a French-Business minor with three different levels will attract new students. The program will offer a certificate in Business French for French and international-studies majors.

A part of the grant initiative is the establishment of three new study-abroad opportunities, two with the possibility of internships in French.

Seven experts will be brought to Virginia Tech to give lectures in the fields of international business, teaching Business French, and international cross-cultural communication.

The French faculty members will attend workshops in Paris on the teaching of Business French within an international context. They also will be able to work with French scholars in their areas of expertise.

Each semester, the French and business faculty members will meet to discuss their collaborative student projects and explore ways to promote each other's fields with more success. They will also share their experiences at professional conferences.

For more information, contact Shryock at shryockr@vt.edu, Johnson at spjohnson@vt.edu, or Sumichrast at rsumichr@vt.edu.

OBITUARIES

Naomi Wilson-Nicely

Naomi Wilson-Nicely, chapel manager who was associated with the War Memorial Chapel for nearly 30 years, died April 10.

Wilson-Nicely began her employment with Virginia Tech in 1973. At that time, she was hired part-time to assist her father, Franklin Thompson, who was the watchman/host of the chapel. In 1976, she was hired as the full-time chapel manager.

Clarresa Morton, associate director for university unions and Wilson-Nicely's supervisor said, "Naomi was without a doubt one of the most loyal, dependable employees I've ever had the privilege to work with. She will be missed by the entire university community."

Morton said Wilson-Nicely's programmatic initiatives earned numerous commendations from colleagues and administrators campus-wide. Examples included a nomination for the 1992 Management Systems Laboratories

Award for outstanding on-the-job commitment and resourcefulness, the 1993 Division of Student Affairs Heroine of the Year Award, and nomination for the President's Award for Excellence in 1995.

Wilson-Nicely's assistant Priscilla Soucek said "I know the chapel was a very big part of her life, and through the chapel, she touched a lot of people's lives."

FULBRIGHT

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intermediary between the American Indians and the French government, for which the Abenaki fought.

D'abaddie learned that his brother in France had died and that he was now the Baron of Saint Castin, but he chose to stay with the Abenaki. This situation horrified the French government so much that it ordered d'Abaddie to build a house and live more like a European. He did, but stayed in America. When d'Abaddie died, his son inherited not only the position of war chief with the Abenaki, but the title of Baron of Saint Castin in France. England defeated France in Acadia in 1713, and, at the age of 25, d'Abbie's son decided to leave America for France to live the life of nobility for seven years before dying of the plague.

In those days, hundreds of Europeans became white Indians, most of them when they were captured as children and raised by the Indians. They assimilated quickly into the American Indian culture, Thorp said, and were useful to European settlers as translators and cultural brokers between the Native Americans and European settlers. "They were often critical to the success of military, diplomatic, and economic relations between Native Americans and European settlers," Thorp said. However, "their very existence and their steadfast refusal to abandon Indian ways seemed to challenge European claims of superiority and to undermine European efforts to Christianize and 'civilize' Native Americans." They further embarrassed both England and France when, after the war ended, the white Indians did not want to return to their European cultures. If forced to do so, many ran away and went back to the Indian life.

Even some adults adopted the American Indian lifestyle, preferring the life of an Indian to that of a Euro-American, Thorp said.

In New Zealand, Thorp said, fewer Europeans adopted the native lifestyle, becoming Pakeha Maori, and not as much is known about them as about the American white Indians. "Only recently have the Pakeha Maori begun to generate the sort of scholarship that white Indians have," he said, adding that only one book, *Pakeha Maori* by Trevor Bentley, had been devoted entirely to that subject. Thorp hopes to talk about these Pakeha Maori with some of the Maori who know the oral history of Pakeha Maoris that has been passed down through the years. He will also look at manuscripts and published accounts in the national library. "Like white Indians, the Pakeha Maori are a fascinating group whose history can shed valuable light on an early period in Europeans' encounters with indigenous people," Thorp said.

Thorp hopes to publish articles from his research to help introduce the concept of whites who became members of native tribes in cultures other than America's. "There's now a growing interest in global history," he said, "and this research will contribute to that information." Part of his research, he said, will no doubt find its way into his book about the d'Abaddies.

Thorp has received numerous previous awards, including the Alumni Award for Excellence in Academic Advising and the University Certificates of Teaching Excellence. He is the author of two books, *Lewis and Clark: An American Journey*, and *The Moravian Community in Colonial North Carolina: Pluralism on the Southern Frontier*. He served as a consultant editor for the encyclopedia *Colonial America* and has contributed to other encyclopedias, books, and journals.

G. Daniel Boon, 55

George Daniel Boon, 55, an associate professor in the Department of Biomedical Sciences and Pathobiology (DBSP), died of cancer on April 20.

A nationally respected clinical pathologist, Boon held faculty appointments at Mississippi State University, Purdue University, and the University of Missouri before joining the Virginia Tech faculty in 1998.

"Dr. Dan Boon was an outstanding leader in veterinary clinical pathology, a terrific colleague and a very fine human being," said Lud Eng, head of the DBSP. "His death is a tremendous loss to the profession and to those of us whose lives he touched, and we are many."

Boon's love for animals led to his career in veterinary medicine, and he approached his profession with such vigor and zeal that his performance was honored for excellence by Phi Zeta, Phi Kappa Phi, Sigma Xi and the C.L. Davis Foundation.

Boon was a member and provided leadership for the American Society for Veterinary Clinical Pathology, the American Veterinary Medical Association and many other organizations.

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