Powell to speak here in support of volunteerism

By Clara B. Cox

General Colin L. Powell, former chairman of the Joint Chiefs of Staff in the U.S. Department of Defense and a strong proponent of volunteerism, will speak at Virginia Tech on March 30 as part of “Ut Prosim: That I May Serve,” a student volunteer program sponsored by the Department of University Unions and Student Activities (UUSA).

Powell’s visit will include a small private reception for selected student leaders and event sponsors, followed by the general’s lecture on “Challenges of a Changing World” at 7:30 p.m. in Cassell Coliseum. His address will highlight the university’s year-long celebration of community service and volunteerism that includes sorority and fraternity volunteer events, a volunteer fair, and a university-wide Day of Service.

After retiring from the military in 1993 after 35 years as a professional soldier, the popular general turned his attention to at-risk children and volunteerism. In April 1997 he chaired the President’s Summit for America’s Future and since then has been serving as chair of America’s Promise—the Alliance for Youth, a national campaigning on behalf of the nation’s young people that was launched at the summit. He is the author of a best-selling autobiography, My American Journey, which traces his life from his birth in Harlem to his role in advising the country’s three most recent chief executives: Presidents Reagan, Bush, and Clinton.

Tickets will be required for admittance to his talk at Virginia Tech. In accordance with his request that the event focus on students, the Virginia Tech Union and the Virginia Tech Corps of Cadets Center for Leadership Development, principal sponsors of the event, will make 75 percent of the tickets available to students, with 15 percent going to faculty and staff members and 10 percent to the community. Students will be required to have tickets but will not be charged admission, while the cost for faculty and staff members will be $8, and for the general public, $10.

The Squires Center Ticket Office will handle the distribution of tickets, with 6,000 available for students and 2,000 available for sale. Student tickets will be distributed March 1-3, and tickets for faculty and staff members, and general public will be sold on March 4-5. For ticket information, call 1-5615.

UUSA, which is coordinating the general’s visit, has established a web site (www.uusa.vt.edu/vsc) to provide information on the event. Information is also available by calling UUSA at 1-5661.

Businesses or organizations interested in sponsoring the event should contact Melinda Crowder at 1-5431. Tickets to the lecture and/or the private reception will be made available to sponsors depending on the level of sponsorship.

International travel support increasing

By Susan Trulove

In keeping with Academic Agenda Strategic Direction 3.5 to “Internationalize the University Experience,” the Office of the Provost has secured a $25,000 annual commitment from the Virginia Tech Foundation to expand the International Travel Supplemental Grants (ITSG) program to include international faculty-member travel for developing collaborations, and has extended the International Faculty Fellows pilot program for a second year.

The ITSG program—formerly the International Conference Travel Supplemental Grants Program—is administered by the Research and Graduate Studies Office for Program Development. Gene Brown, associate provost for program development, explains that the $25,000 will fund 25 additional international travel grants.

“It expands an already-successful program and allows us to emphasize collaboration, where previously we were limited to supporting faculty members who were invited to present at international conferences. We saw in reports from faculty members returning from these trips that there was significant opportunity to expand our international connections so we are delighted to be able to add a specific support program for this purpose. In addition to supporting faculty members who are looking for opportunities to share data and to find funding for their research, we will consider requests from faculty members who are interested in working with student arrangements for graduate student and faculty exchanges,” says Brown.

Lyn Gray, director of the University (See INTERNATIONAL on 7)

Administrative reorganization announced

By Larry Hinke

Senior Vice President and Provost Peggy S. Meszaros and Vice President for Information Systems Erv Blythe, have announced an important reorganization effort affecting Information Systems.

Eileen Hitchingham, dean of the University Libraries and her staff, will report directly to the provost. Hitchingham previously reported to the university’s vice president for information systems. “This switch will more closely link the library function with the academic enterprise of the university,” Meszaros said. “This change recognizes the close and continuing ties of library goals with the university’s academic mission, the opportunities for joint projects in support of research and teaching that exist between the colleges and the library, and the essentially academic nature of the core of the library operations.”

According to Blythe, “This change in reporting relationship will continue the effort initiated several years ago, through the Collegiate Librarians program, to integrate library resources with the rapidly changing needs of the colleges. Information Systems will continue to be intimately involved in the advancement of digital libraries and critical digital resources serving our faculty.”

The change became effective January 1. “I am pleased and excited about this new reporting structure,” Hitchingham said. “We will continue to value and work in appropriate partnerships with our colleagues in Information Systems. All of us want to ensure that everyone in the university has access to...” (See ADMINISTRATIVE on 8)
Duncan develops facility to field-test bridges

**By Lynn Nystrom**

In the summertime when temperatures become warmer, people usually notice that their fingers are subject to swelling, making it almost impossible to remove a ring. When the air cools, your hand returns to its normal size.

This phenomenon can also affect building materials.

For example, bridges are subject to fluctuations in temperature. According to J. Michael Duncan, Duncan is an expert in the field of geotechnical engineering and a member of the National Academy of Engineering.

There are many types of bridges and, in particular, the integral bridge, exacerbates the expansion-contraction problem. Used extensively at the beginning of the bridge, these structures, the integral full set, become inches longer in the middle of the day, Duncan said.

Nonetheless, it is considered by many engineers to be a better way to build bridges, mainly because it offers a possible solution to another problem facing the highway industry.

An integral bridge has no joints in its deck, and the structure is connected rigidly to the abutments. In other words, they act as one. The abutments are usually supported on piers. The problem with integral bridges occurs with the horizontal movement of the piers or the abutment against the adjacent soil. “As the bridge pushes on the adjacent soil, the fill settles, and then a driver of a car can feel the bump at the end of the bridge,” Duncan said.

A conventional bridge has expansion/contraction joints to accommodate the change in length as temperatures rise and fall. Salt and dirt wash between the joints and cause other costly damage. As a possible solution to avoid excessive maintenance problem, engineers have been considering the use of an integral bridge.

This innovative bridge poses their own assortment of design challenges. “What we are really doing is moving the problem to the end of the bridge,” Duncan said. “When the bridge expands as a result of increasing temperatures, it creates a reaction—earth pressures that push against the ends of the bridge. These forces complicate the design.”

However, cost favors the integral bridge. By understanding the structural design, a number of institutions received funding to conduct research on the effects of using different materials. For example, temperature variations cause steel to change more rapidly than concrete. If a bridge is made of both steel and concrete, then the interactions of the two materials must be considered.

Under the sponsorship of the Virginia Transportation Research Council for the next three years, Tennessee and Richard Barker, a member of Virginia Tech’s structure program in civil and environmental engineering, together with Bob Mokwa, a doctoral candidate, have developed a field-test facility to work on the design problems. The site, approximately 10 miles west of Blacksburg, lies within the flood plain of the New River, and is designed for performing load tests to determine the lateral load resistance of pile caps and integral bridge abutments.

During the next year, Duncan, Barker, and Mokwa will obtain data to use in assessing the accuracy of current theories for evaluating the performance of integral bridges and, finally, the movements of, integral abutments, pile groups, and pile caps. “This will place integral bridge designs on a more rational basis,” Duncan said.

Pine research important to Burkhardt

**By Lynn Davis**

“When International Paper recently bought Union Camp, it may have been for the giant to have bought a South American country to add to its resource base,” Forestry department head Harold Burkhardt said somewhat jokingly. To ensure that America does meet the demand for wood products, Virginia Tech plays a key role in the largest of all resource producers, the timber industry.

Twenty years ago, Burkhardt organized a cooperative with Virginia Tech’s forestry research, the Virginia Forestry Cooperative,” the name now used for five forestry companies. The technical mission was “to develop loblolly pine-tree growth and stand models sufficiently flexible to account for the effects of soil, management, and cultural practices, and to develop detail enough to allow for analyses of a full range of options.”

Implicated in the sustainable process of forest management is the length of time stand development, growth, and yield. Forest managers rely on projected stand values to evaluate production goals, rotation lengths, and feasibility of various silvicultural alternatives.

The basic premise of the co-op was that growth and yield research consists of a continuous cycle of data collection, analysis, and interpretation. To accomplish this, industry partners contribute a total of $100,000 annually for research on loblolly pine growth and yield.

Virginia Tech uses this forestry co-op research to develop models that forecast the amount and quality of pine yields and to find the best ways to prepare sites, control vegetation, plant genetically improved stock, thin, and protect.

Co-op meetings site are rotated annually, so this year it was Virginia Tech’s turn to host the twentieth event. Industry coordinators came to town last week in December to discuss the research focus. They also toured the Reynolds Homestead Forest in Critz, where Superintendent Richard Kreh and regeneration research student Shep Zolock discussed the research and presented a small-scale model of a stand.

“The private landowner benefits along with big business from the research because Extension’s Divisions of Forestry pass along the research results and help the local forest farmers implement better management practices,” Burkhardt said. “Consumer demand for forest products keeps increasing while available land for timber production decreases, so the need for efficient management and accurate stand prediction becomes acute.”

Loblolly pine overwhelmingly is the single greatest revenue-producing tree species in Virginia. Each year in Virginia nearly 100,000 acres of new pine stands are created.

Burkhardt, who continues to direct the research co-op he founded, is assisted at the college by Ralph Amatasi. “Applying the forest-production models that we have developed for Virginia’s loblolly pine forest,” Burkhardt said, “results in an increase of approximately $50 per acre in net present value over ‘typical’ management practices. The potential economic impact of improved management of this timber type alone is $4.5 million per year.”

Industry participants at the annual meeting included Jim Vardaman, a seasoned forest consultant who heads his own national firm, James M. Vardaman Co., and representatives from Bowater Incorporated, Champion International, Georgia-Pacific Corporation, International Paper Company, Mead Corporation, Temple-Inland Inc., Union Camp Corporation, Westvaco Corporation, Weyerhaeuser Company, Williamsite Industries, and Virginia Department of Forestry. Seven of the industry participants were Virginia Tech alumni.

Legislators

**Continued from 1**

Similar recommendations in this category were made for a number of other institutions. In addition, a number of institutions received funding to continue to address the Year 2000 problem.

In capital outlay, Gilmore recommended $1.9 million for Virginia Tech for a number of projects. The Advanced Communications and Information Technology Center currently under construction. Also, $1.3 million was recommended for emergency repairs at the Hampton Roads Cultural Research and Extension Center in Virginia Beach.

No recommendations were made concerning faculty salaries because the General Assembly fully funded the institutions’ biennial request last year. For Virginia Tech, this means another 5 percent average increase for faculty members Nov. 25, 1999. Most classified employees will receive increases of 6.25 percent for 1999-2000 in two steps. First, employees whose performance meets expectations and who have been employed for three or more years will receive a 2.25 percent increase June 25. In addition, employees who are in GS grades across the board raise for employees who meet expectations is recommended for November 25.

As has been the case in recent years, the college expected the General Assembly to make efforts in a cooperative budget request address hearing education’s needs beyond Gilmore’s recommendations. The institutions are asking the Senate and House Appropriations Committee for increased funding budget by the following amounts: $77.4 million for increased operating support, $13.9 million for student financial assistance, $3.2 million for maintenance reserve, and $3.2 million for capital outlay.

In keeping with this effort, Virginia Tech is submitting operating amendments totaling $18 million. These amendments address such areas as increasing enrollment in high-technology disciplines, research projects in support of economic development, funding for such initiatives as the new Management Information Systems building and critical budget issues to increase basic support for the academic mission. For agency 229, the university is requesting $760,000 to augment the $1.7 million the college received this year for the Plan to Serve Virginia Agriculture, Human, and Natural Resources.

The House Appropriations and Senate Finance committees will consider these requests over the next few weeks and each will present its recommendations on Sunday, Feb. 7. The session is scheduled to adjourn on February 27.

Good receives Pioneer Award from IEEE

**By Sally Harris**

Statistics Distinguished Professor Emeritus Jack Good of Virginia Tech has received the International Computer Pioneer Award from the Institute of Electrical and Electronics Engineers (IEEE) Computer Society.

Since 1981, the IEEE Computer Society has presented Computer Pioneer Awards to individuals responsible for significant contributions to concepts and developments in the electronic computer field, contributions that have clearly advanced the state of the art in computing. Contributions must have taken place at least 15 years before the award.

Good started contributing to the computer field many years ago. He was born in 1916 in London, England, and displayed mathematical abilities at an early age. He pursued an advanced mathematics degree at Jesus College, Cambridge. During World War II, he was recruited to the British government’s code and cipher school at Bletchley Park. The intelligence studies at MIT, the co-founder of the Manchester Baby machine, which was the first electronic computer to be controlled by an internally stored program. B on the Manchester Baby, which was the first full-scale computer of that kind.

Good came to the United States in 1967 and joined the faculty of Virginia Tech, where he is now university distinguished professor emeritus in the Department of Statistics.

Barry W. Johnson, immediate past president of the IEEE Computer Society and a professor in the Department of Electrical Engineering at the University of Virginia, presented the award. J.A.N. Lee, Virginia Tech professor of computer science, coordinated activities in Blacksburg.

Previous recipients of the Pioneer Award include the designer of Cray computers, the man who invented the Internet and established the field of human-computer interaction, the woman who coined the term “bug” in connection with computer programs and led the development of the first large-scale computer operating system, the original developer of the integrated circuit at Texas Instruments, the founder of artificial intelligence studies at MIT, the co-founder of Intel Technology, the father of the UNIX computer operating system and the C programming language.

For more information about Good, go to the web site http://ei.cs.vt.edu/~history/Good/.
Poverty simulation part of experiential learning experience

By Nancy Templeman

No one would voluntarily live in poverty, would they? Perhaps not, but 65 people took part in the “State of Poverty” simulations at Virginia Tech recently as part of an experiential learning activity.

Dawn Barnes, Virginia Cooperative Extension family and consumer sciences agent in Floyd County who directed the afternoon session, said, “For 38.1 million Americans, it is not a simulation. They live in or on the edge of poverty. They face daily challenges that most of us never encounter.”

The activity was put on by the Virginia Tech Service Learning Center (SLC) in conjunction with Virginia Cooperative Extension. Maureen Fallon of the Service Learning Center, who organized and produced the simulation, said service learning means a thoughtfully organized service project by students in coordination with those in need.

The students reflect on their work.

community. The students reflect on their thoughtfully organized service. Most of the simulations took just over three hours. They went to the check-cashing service to get their Social Security, pay, welfare, and other checks cashed and paid a 1-percent premium for the privilege. They then had to visit the bank to settle their bills, again waiting in line.

Most couldn’t pay off all of their outstanding bills and found themselves haggling with the utility company and the landlord or mortgage company. What was the least they could pay to avoid shutting off utilities or evictions?

Jobs were elusive; some participants found themselves sitting at the job center all week without finding any work. Even getting a job was a big logistics problem at home. The jobs took time away from dealing with everyday problems that needed tending and to cost money as well as bringing in its. Mothers did not have enough to pay for transportation and there was no day care for their preschoolers. One mother was able to work, however, she was not notified when the sheriff’s deputies evicted her family and took her home-alone children into social services. A high-school student got a job, but couldn’t get it for two weeks because he had no transportation. The participant, who had the part of a school-age younger, reported feeling embarrassed at school. The school was having a fund-raising program on a community service project so that what she was asking for wasn’t much. However, the “student” reported, “I didn’t even have that much. We needed food at home.”

To add a little more reality to the roles, the simulation included “Lack of the Draw” cards.

Many of the “welfare” workers questioned why only one or two people came to the welfare office during the first or second “week.” They found that the families were not spending all they needed to keep themselves healthy. The simulation mirrored what too often happens in the real world; the one expense that every family could control was food, and they skimped on their diets to meet other expenses.

Another real-life temptation, crime, became an issue when a couple of the participants could find no other way to get money.

Some of the cards gave the families good surprises. Others presented families with additional setbacks.

The “food-stamp owner” had data on how much each family needed to spend to adequately feed all family members each week. She found that the families were not spending all they needed to keep themselves healthy. The simulation mirrored what too often happens in the real world; the one expense that every family could control was food, and they skimped on their diets to meet other expenses.

Discussion among the participants revealed that most of them did not want to admit they couldn’t make it on their own. They were sure if they handled all the challenges correctly, they could find needed welfare or charity.

Virginia Cooperative Extension agents throughout Virginia are using the “Life in the State of Poverty” role-playing program as a community education program. It helps citizens and leaders in their communities better understand the life challenges and barriers confronted by poor families on a daily basis.

Newman Library lobby renovated

By Maria Gilera, University Relations intern

Students, faculty and staff members, and other patrons of Newman Library now enter a renovated lobby renovated for Newman Library’s fiftieth reunion in 1995.

A dedication ceremony was held on November 12, 1999.

“Lobby renovated”

The dedication ceremony was held on October 10 “to recognize the donors for their contributions.

(See Newman on 8)

Exchange programs broaden forestry outlook

By Lynn Davis

What does a student in the United States think of when he or she hears the word “forestry”? Many may think of tending trees and caring for the forests. However, a forestry outlook has expanded to include the entire forest industry, from the trees themselves to their uses, to the processing of any and all aspects of the forest.

By Kristy Vagts, University Relations intern

Although Virginia Tech’s library is very extensive and seems to contain everything that any patron should need, there are still times when that one journal article or obscure essay is missing.

ILLiad, an acronym for InterLibrary Loan informational service, lets one get aceheck gaps in holdings. Using the ILLiad system and their own computers, students and faculty and staff members can request materials from libraries worldwide.

“Illiad makes life easier for students, and faculty and staff members,” said Harry Kriz, head of the InterLibrary Loan Department in Virginia Tech’s University Libraries. “By simply filling out one form, you can track the progress of your request, know where it is, and get articles delivered right to your desktop.”

About 4,000 students and faculty and staff members are registered users, and the number is growing steadily, Kriz said.

ILLiad developed by the InterLibrary Loan Department at Virginia Tech and has been operating since March 1997. Virginia Tech Intellectual Properties, or VITIP Inc., now markets and licenses the system to other libraries.

ILLiad has been adopted by Radford University and by NASA Goddard. Other schools, such as Mary Washington College and the California Institute of Technology, will be installing the program in the next couple of weeks.

No new staff members were needed to implement ILLiad, and business for the library as a result of the new system increased about 50 percent. “This may be the only system that can support this type of growth,” Kriz said.

Anyone anywhere in the world can access ILLiad’s World Wide Web. Users go to the ILLiad web site at http://www.ill.vt.edu and establish an account.
EVENTS
Thursday, 21
Staff Senate Meeting, noon, 1810 Ligon Reaves.
Martin Luther King Program, 7 p.m., Squires Colonial Hall.
Men’s Basketball, 7:30 p.m.: At Dayton.
Friday, 22
Last Day to Add.
CPAP Roundtable Discussion, 3 p.m., Thomas Conner House: “1998 in Retrospect: What Does the Impeachment of President Clinton Mean to Public Administration?”
Women’s Basketball, 7 p.m., Cassell Coliseum: Temple.
Special Musical Concert, 8 p.m., Squires Studio Salon: Rebecca Orr Memorial Benefit.
Saturday, 23
Men’s Basketball, 6 p.m.: At Xavier.
Sunday, 24
YMCA Hike, 1:30 p.m., parking lot 403 Washington: St.: Falls Ridge.
Women’s Basketball, 2 p.m., Cassell Coliseum: Temple.
Student Recital, 3 p.m., Squires Recital Salon: Elayne Williams.
Monday, 25
YMCA Open University Registration, 11 a.m.-7 p.m., University Mall.

Activities

Emory professor to discuss curbing prejudice
Theophilus (Theo) Smith of Emory University will present a lecture at Virginia Tech on the role of religion in prejudice reduction.
The Religious Studies Program in the Center for Interdisciplinary Studies is sponsoring the visit. Smith’s lecture is titled “After Violence: Fatahing the End of Victimization,” and it will be on Thursday, Jan. 28, at 6:30 p.m., in 1670 Litton Reaves.

Bullets

Fiction presents: “Blending Innovations with Educational Programs” by Glenda Rose Scales and Mark Sunden.

Women and Gender Studies Program announces winter lectures
The Design Consortium, a university-wide, intra-collegiate organization of faculty members representing design programs across campus, will host the lectures.
The first lecture, “Being in Place,” will be Thursday, Jan. 28, 7:30 p.m. in the Wallace atrium. Graham Rowles, anthropologist, will present the lecture. He is associate director of the Sanders-Brown Center on Aging at the University of Kentucky, as well as professor of geography and behavioral science and director of the doctoral program in gerontology there. His research focuses on the experience of aging in different environmental contexts. A central theme of his work is the changing relationship between elders and their environment. He has conducted in-depth ethnographic research with elderly populations in inner-city, rural-Apachean, and nursing-home environments.

The second lecture, Thursday, Feb. 4 at 7:30 p.m. in the Donaldson Brown auditorium. His talk will be on “New Work and Some Old Work.” Chadwick, a furniture designer from California and consultant designer for Herman Miller Inc., is one of the designers of the Aeron Chair. He has had exhibits in several locations, including the Pasadena Museum of Art, the Museum of Modern Art (MoMA), and the Denver Art Museum.

The third lecture, by Sara Quallles, clinical psychologist, will be on “Independence, Dependence, or Interdependence.” She will present the talk Thursday, Feb. 18 at 7:30 p.m. in the Donaldson Brown auditorium. Quallles, chair of the psychology department at the University of Colorado and director of the Center on Aging. Her research focuses on marital and family development across the lifespan and family therapy with later-life families. She is co-author of a book called Aging and Mental Health.

The fourth lecture, “History of Design and My Work,” will be by Eva Zeisel, industrial designer and ceramist. It will be held Wednesday, March 3, at 7:30 p.m. in the Donaldson Brown auditorium. Her lecture will also include discussion of creativity and aging. A native of Budapest who moved to the United States in 1938, Zeisel is known for her Stratoware, Utility Ware, Museum Dinner Service, and other work with Castleton China Company, Sears and Roebuck, Philip Rosenthal, and many others. She has a long history with MoMA and has an exhibition opening at the Metropolitan Museum in March 1999.

For information about these lectures, call 1-2763.

Seminars

Thursday, 21
Geological Sciences, 4 p.m., 2044 Derring: “Polarized Light Microscopy, Who Turned Off the Light?” by Don Blass.

Monday, 25
Economics, 3:30-5 p.m., 3001 Pamplin: “Hours Constraints: Theory, Evidence and Policy Implications,” by Kevin Lang, Boston U.

Thursday, 28
Geological Sciences, 4 p.m., 2044 Derring: “Sub-Crustal Seismic Structure: What Do We Know and How Do We Know It?” by Arthur Snobke.

Seminar announces winter lectures
The Design Consortium, a university-wide, intra-collegiate organization of faculty members representing design programs across campus, includes the disciplines of apparel design, architecture, art and art history, industrial design, interior design, landscape architecture, and theatre arts.

For information about these lectures, call 1-2763.

Women in sci-fi on exhibit
Victims Of The Vortex, Visions Of Women In Science Fiction is a new exhibit on display in the Wallace Hall Gallery.
University schedules special events for Black History Month

By Clara Cox

Virginia Tech’s celebration of Black History Month will kick off Saturday, Jan. 30, with a candlelight vigil and end on Saturday, Feb. 27, with a semi-formal dinner. Organizers have packed the month with a wide variety of events, all open to the public.

Black History Month celebrates the achievements and contributions of African-Americans. Nationally, the annual event began in 1926 when Carter Goodwin Woodson (1875-1950) introduced Negro History Month to highlight the long ignored or stolen contributions of African Americans.

The highlight of the month-long celebration at Virginia Tech will be a keynote address by Gwendolyn Goldsby Grant, author of the best-selling book The Best Kind of Loving. Grant is a private consultant to Fortune 500 companies, media psychologist, sex counselor, community activist, and motivational speaker who holds two doctorates. Her presentation is scheduled at 7 p.m. on Thursday, Feb. 25, in Squires. Colonial Hall. Her talk will be preceded at 4 p.m. by an informal discussion and followed at 8 p.m. by a reception, both in the Black Cultural Center in Squires.

The initial event of the celebration, the candlelight vigil, will begin in the Commonwealth Ballroom in Squires, beginning at 6 p.m. The Black Organizations Council is sponsoring the event.

Other activities that are part of Black History Month include:

February 1—The Black Graduate Student Association, the BSA, and Alpha Sigma Inc. will hold a Black History Month Quiz Bowl from 6-8 p.m. in the Old Dominion Ballroom in Squires. Following the bowl, a panel discussion will focus on “What Ever Happened to the Dream? Leadership in the Black Community.” The event, sponsored by Alpha Phi Alpha, Inc., will be held at 8:30 p.m. in Colonial Hall.

February 3—The Black Student Alliance (BSA) will present a short film and discussion on “Rosa Parks: The Path to Freedom” from noon-1:30 p.m. in the Black Cultural Center. At 7:30 p.m., also in the center, Larry Bechtel will discuss “White Privilege.”

February 4—The NAACP will present “A Tribute of Thanks to W.E.B. DuBois and Others” from 6-9 p.m. in the Old Dominion Ballroom. At 7 p.m. in Colonial Hall, Farai Chideya will speak on “Don’t Believe the Hype.” The talk is sponsored by Virginia Tech’s EOAA Office of Diversity.

February 6—The BSA will sponsor the movie “Slam” at 7:30 p.m. and at 10 p.m. in Haymarket Theatre in Squires.

February 10—The BSA will show a short film and hold a discussion on Are We Different? from noon-1:30 p.m. in the Black Cultural Center.

February 15—Christiansburg Institute Alumni Association will present “Christiansburg Institute: An Educational Legacy” at 7 p.m., Black Cultural Center.

February 16—“Improvizations: A Vision of Community” will feature the Audubon Quartet, poetry by Nikki Giovanni, the paintings of Robert Henry Graham, 3-D projection by Dennis Jones, and a special guest appearance by Carol Crawford Smith at 7 p.m. in the Lyric Theatre on College Avenue. The event is sponsored by Interdisciplinary Studies and Multicultural Programs.

February 17—The BSA will show the short film Two Dollars and a Dream and lead a discussion from noon-1:30 p.m. in the Black Cultural Center.

February 21—The Panthers at 6:30 p.m., Black Cultural Center.

February 22—The Student Activities Council and the Black Graduate Student Association will host “The Ebony Affair,” a semi-formal dinner, at 6:30 p.m. in Owens Banquet Hall. Ticket information is available from Leslie Gleason at 552-3025.

For more information, call Kimberly Philipp at 1-3787.

Community Design Assistance Center celebrates tenth anniversary

By Sandy Broughton

Marking its tenth anniversary, and with an impressive list of accomplishments throughout Virginia, the Community Design Assistance Center at Virginia Tech (CDAC) is looking forward to its second decade of working with communities to improve the quality of life by providing planning and design services.

To celebrate its tenth anniversary, CDAC will host two days of events January 28 and 29. On Thursday, Jan. 28 at 2:15 p.m. in Hancock Hall auditorium, Frank Russell, director of the Design Center at the University of Cincinnati, will speak on “The Community Design Center as a Locus for the Interdisciplinary Work in Comprehensive Community Development.” His presentation will be followed at 4 p.m. with a tenth-anniversary reception in Cowgill Hall.

On Friday, Jan. 29, the events will continue at 3:30 p.m. in the Donaldson Brown main auditorium with a lecture by Criss on “Unexpected Gifts: Discovering Architecture and Artifacts in Rural Mississippi.” The events are free and open to the public.

CDAC, housed within the College of Architecture and Urban Studies at Virginia Tech, was established in 1988 with a grant from the U.S. Department of Education. Staffed by students and faculty members from throughout the college, CDAC offers planning and design assistance to communities in Virginia and nearby states. Projects have included main-street revitalizations, facility space planning and architectural design guidance, landscape design, environmental assessments, and park planning.

“CDAC will continue to engage faculty members and students in creative and interdisciplinary learning, research, and outreach— in ways that truly make a difference for people and landscapes throughout the commonwealth, the U.S., and the world,” Skabuland said. “I invite faculty members and students who desire to work with communities to join us.”

Skabuland, a professor in the Department of Architecture (See COMMUNITY on 8)
EMPLOYMENT

The employment listing can be found in greater detail on the Personnel Services homepage at http://www.ps.pv.tv. For position-availability information, please call the following Job-Line numbers: Office/Clerical: 1-6196; Technical/Research: 1-6160; Service/Trades: 1-6176; Professional/Managers: 1-4649; Information Technology: 1-6343. Persons with hearing impairments may call for TDD information at 1-6258.

Accountant Senior (2547P) Controller’s. Normal Starting Pay: $29,738 (Grade 11). FT. Monday-Friday 8 a.m.-5 p.m. Application deadline: Jan. 22.

Agricultural Technician B (W020558M) Veterinary Medicine Experiment Station/College of Veterinary Medicine. Normal Starting Pay: $8.38 (Grade 5). PT. Application deadline: Jan. 22.

Animal Care Technician B (W022440H) Residential and Dining Programs/Personal Touch Catering. Normal Starting Pay: $22,763 (Grade 8). FT. Monday-Friday 8 a.m. to 5 p.m. Application deadline: OUF.

Food Operations Manager A (478H) Residential and Dining Programs/Personal Touch Catering. Normal Starting Pay: $22,763 (Grade 8). FT. Monday-Friday 8 a.m. to 5 p.m. Application deadline: OUF.

Food Operations Manager A (7266H) Residential and Dining Programs/Dietrick Dining Hall. Normal Starting Pay: $22,763 (Grade 8). FT. Varied. Application deadline: OUF.

Food Operations Assistant B (W022440H) Residential and Dining Programs/Owens Dining Center. Normal Starting Pay: $7.66 (Grade 3). FT. Varied. Application deadline: OUF.

Graphic Artist (W020567H) Residential and Dining Programs. Normal Starting Pay: $9.79 (Grade 7). FT. Monday-Friday 8 a.m. to 5 p.m. Application deadline: OUF.

Housekeeping Supervisor Senior (2702H) Residential and Dining Programs. Normal Starting Pay: $19,048 (Grade 6). FT. Monday-Friday 7:30 a.m. to 4:30 p.m. Application deadline: OUF.

Housekeeping Worker (W022440H) Residential and Dining Programs. Normal Starting Pay: $12,201 (Grade 1). FT. 5 a.m.-1:30 p.m. Application deadline: Jan. 22.

Housekeeping Worker (7262H) Recreational Sports. Normal Starting Pay: $12,201 (Grade 1). FT. 8 a.m.-4 p.m. Application deadline: OUF.

Housekeeping Worker (721H) Residential and Dining Programs. Normal Starting Pay: $12,201 (Grade 1). FT. Monday-Friday 7:30 a.m. to 4:30 p.m. Application deadline: OUF.

Housekeeping Worker (W020214G) Schiflett Health Center. Normal Starting Pay: $5.87 (Grade 1). PT. Monday-Friday 7:30 a.m. to 4:30 p.m. Application deadline: Jan. 29.

Installation and Repair Tech (728BD) Video/ Broadband Services. Normal Starting Pay: $26,804 (Grade 10). FT. Varied. Application deadline: OUF.

Installation and Repair Technician (7305M) College of Veterinary Medicine. Normal Starting Pay: $22,763 (Grade 8). FT. Monday-Friday 8 a.m.-5 p.m. Application deadline: Jan. 22.

Instructional Technology Systems Manager (2122D) Educational Technologies. Normal Starting Pay: $46,429 (Grade 16). FT. Monday-Friday 8 a.m.-5 p.m. Application deadline: OUF.

Lab Specialist (7280M) Biochemistry. Normal Starting Pay: $22,763 (Grade 8). FT. Monday-Friday 8 a.m.-5 p.m. Application deadline: Jan. 22.

Laboratory Specialist Advanced (8375M) Food Science and Technology. Normal Starting Pay: $29,083 (Grade 11). FT. Monday-Friday 8 a.m.-5 p.m. Application deadline: OUF.


Laboratory Specialist (27567) Environmental Health and Safety Services. Normal Starting Pay: $24,885 (Grade 9). FT. Monday-Friday 8 a.m.-5 p.m. Application deadline: OUF.

Laboratory Specialist (W020041T) Environmental Health and Safety Services. Normal Starting Pay: $19,440 (Grade 8). PT. Monday-Friday 8 a.m.-5 p.m. Application deadline: Jan. 22.

Laboratory Technician (W022596H) Residential and Dining Programs/Personal Touch Catering. Normal Starting Pay: $7.01 (Grade 2). PT. Application deadline: OUF.

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INSTRUCTIONAL

Department of Large Animal Clinical Sciences.

Clinical Instructor of Large Animal Surgery. Requirements: DVM or equivalent degree. Certification by the American College of Veterinary Surgeons will be given preference. Applicants should be eligible for certification by the American College of Veterinary Surgeons. Clinical teaching experience is highly desirable. Practice experience is highly desirable. Salary: $24,000. Review of applications will continue until the position is filled.

INSTRUCTIONAL

Virginia Cooperative Extension-Smith Mountain Lake 4-H Educational Center. Normal Starting Pay: $19,048 (Grade 6). FT. Mon-
day-Friday 8 a.m.-5 p.m. Apply to Deanna Harris Smith Mountain Lake 4-H Educational Center 775 Hightide Rd. Wirtz, VA 24184 Application deadline: Jan. 22.

Office Services Specialist (1853D) University Rela-
tions. FT. Monday-Friday 8 a.m.-5 p.m. Application to Donna Spitzer, Office Manager, 3430 Westlake Ave, Blacksburg, VA 24061. Application deadline: Feb. 15.

Fiscal Technician (7407M) Virginia Cooperative Extension-Smith Mountain Lake 4-H Educational Center. Normal Starting Pay: $17,424 (Grade 5). FT. Mon-
day-Friday 8 a.m.-5 p.m. Application to Donna Spitzer, Office Manager, WVRF Radio, 4235 Electric Rd. SW. Ste. 105, Roanoke, VA 24014. Application deadline: Jan. 29.

Secretary Senior (7411M) Virginia Cooperative Extension.

FACULTY POSITIONS

Experience with GIS is highly desirable. 5) Understanding of issues related to natural resources is desirable. 6) Must be willing to work with the military in a rural setting. 7) Willingness to travel as needed. 8) Other duties as assigned.

Salary: $28,000/year and includes full state benefits. The position is available for the fiscal year and may be renewed annually contingent on the availability of funding. Send resume, cover letter, and three references to Jeff Wadlon, Project Leader, Fish and Wildlife Information Exchange, Department of Fisheries and Wildlife Sciences, Virginia Tech, Blacksburg, VA 24061. Phone: 1-7348; fax: 1-

Center for Transportation Research. Electrical En-
gineer (re-advertisement). The center seeks to fill an opening for a research associate with an extensive background in electrical engineering. The successful candidate will be a U.S. citizen and possess a degree in electrical engineering, or a closely related field, and have at least five years experience. Candidates must possess the ability to implement a project from start to finish, and have demonstrated ability for independent and innovative design and development of electronic and mechanical projects. Experience with GPS is highly desirable. Position will involve electronic and mechanical prototyping, design, and fabrication. A strong background in vehicle instrumentation and data collection is highly desirable. Experience in familiarity with transportation research. Preference will be given to candidates who have shown ingenuity and creativity in previous work. This position is grant-funded for one year and is renewable yearly based on availability of funding and performance. Applicants should send resumes and cover letters to Tracey Schroeder, Assistant Director, Center for Transportation Research (0536), 1700 Kraft Drive, Suite 2000, Blacksburg, VA 24061, or e-mail to resumes@ctr.vt.edu by the application deadline of April 9, 1999.

Center for Transportation Research. Software En-
genier (re-advertisement). The center is currently accepting applications for a research associate position in software engineering. Qualified applicants for this position must be U.S. citizens; hold a bachelor's degree, or higher, in computer science, computer engineering, or a closely related field; have at least four years experience in experience programming with C/C++, Visual Basic and other serial programming techniques. The successful candidate will have experience working with SoI, GUI, machine vision, embedded system design, and database design. Experience with field background in network, Ethernet and fiber optics experience is highly desirable, as is experience in familiarization with transportation research. Duties will include developing a control system and user-interface technology for various research applications in the center's new state-of-the-art research facility located in Blacksburg. This position is grant-funded for one year and is renewable annually based on availability of funding and performance. Applicants should send resumes and cover letters to Tracey Schroeder, Assistant Director, Center for Transportation Research (0536), 1700 Kraft Drive, Suite 2000, Blacksburg, VA 24061, or e-mail to resumes@ctr.vt.edu by the application deadline of April 9, 1999.

INTERNATIONAL

Office of International Programs (UIOP), ob-
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Architecture professors receive recognition

By Sandy Broughton

Virginia Tech architecture professors Robert and Donna Dunay have received a 1998 Award for Excellence in Architecture from the Virginia Society of the American Institute of Architects (VSIAA).

The Dunays were honored for Pair/Pear Hall, an addition for two children in a Blacksburg residence that includes a sitting and play area on the lower floor and two bedrooms and bath above, set in a detached structure with a connection to the main house. Jurors for the awards remarked especially on the Dunays’ use of common materials in innovative ways. “It’s so beautifully detailed and so beautifully handled that it elevates these common materials into quite wonderful modern sculpture,” they said.

One of eight built works selected by the VSIAA from 104 submissions, the project represents the best work in Virginia and earned the highest award an architect can receive for practice in a given year.

The VSIAA Award for Excellence caps a year in which the Dunays received several noted recognitions. Their work was featured in Graphics Product Design 2, a book comprised of the best in international product design. Top designers from throughout the world are represented in the 300 product designs depicted, which were selected from more than 2,700 submissions. The Dunays’ work titled “Spiral,” a series of timepieces, was selected for setting the highest standards of aesthetic appeal and for attention to form and function.

Another of the Dunays’ work titled, “Renovation and Responsibility,” was selected as best residential design in southwest Virginia in the Roanoker magazine design competition.

Additionally, Robert Dunay’s exhibit titled “Ordinary: A Case Study of the Obvious” was featured in an article called “If the Shoe Fits” in Inform magazine, one of the premier publications of architecture, design, and preservation. Through a series of large format, high-resolution photographs of athletic shoes, the exhibit examines hidden topographies of delight manifest in an object comprising a universal apparel—the sneaker.

Robert Dunay holds the T.A. Carter endowed professorship in the College of Architecture and Urban Studies at Virginia Tech and is associate dean and director of the Industrial Design Program. Donna Dunay is a professor and chair of the International Archive of Women in Architecture.

ADMINISTRATIVE

Continued from 1

the information and the technologies that are critical to being a leading land-grant university of the 21st century.”

Blythe also announced plans to further restructure Information Systems. Richard Alvarez, administrative information systems director, has been assigned to work with Blythe in developing the internal restructuring plan. Alvarez will continue in his current responsibilities in directing the implementation of new administrative computing systems and coordinating the university’s Y2K effort.

President Paul Torgersen applauded both the new reporting structure and the planned internal re-organization for Information Systems. “The primary goal of the restructuring is to address the exploding demand for technology support that is being experienced campus-wide in the face of accelerated technological change. Because of the scarcity of additional resources to address this growing demand, the restructuring will also focus on optimizing the use of existing resources, both through the development of economies of scale and through the strategic integration of campus-wide technology solutions.”

NEWMAN

Continued from 3

heartfelt contribution,” Hamilton said. The class received an honorary plaque from the university.

The renovation included the addition of a new service desk, allowing the staff to expand basic services. Other additions included teak benches, rocking chairs, area rugs, plants, and 30 additional computers. The renovation also provides patrons with high-speed Ethernet access to operate their own laptop computers.

“Virginia Tech students and other library patrons now have access to more resources in the library lobby, and, at the same time, a comfortable atmosphere.” Hamilton said.