U.S. News & World Report gives high ratings to Tech’s graduate programs

By Liz Crumbley

Virginia Tech’s colleges of Engineering, Human Resource Development, and Arts and Sciences all have programs ranked in the top 10 nation wide by U.S. News & World Report’s 1998 survey of graduate schools released today.

The College of Engineering, which has a history of being ranked among the best graduate engineering schools in the U.S., moved up to 24th place in the rankings from 25th place last year. According to the survey, the college was ranked 16th in the nation by professional engineers and recruiters and 22nd by engineering school deans.

The rankings are based on surveys of 221 engineering schools.

In addition, the college’s industrial-and-systems-engineering graduate program was ranked ninth among peer departments throughout the U.S. by engineering deans, and the aerospace graduate program was ranked tenth.

In the survey’s education-specialties category, the Vocational and Technical Education program in the College of Human Resource Development and Education (CHRE) was ranked sixth in the nation for the second year in a row by education deans and senior faculty members. The program, which is the only doctoral program of its kind in Virginia, has for the past five years ranked in the top 10 nation wide.

“Our faculty members are actively involved in national organizations, our graduates are in leadership positions in education and industry, and our external connections have given us the opportunity to do cutting-edge research,” said CHRE Dean Janet Johnson. “This recognition is richly deserved.”

In the magazine’s survey of Ph.D. programs in the sciences, Virginia Tech’s polymer program was ranked fifth nation wide.

We are pleased to have him on the administrative team.”

By Terry McGuire

Unless you are someone who enjoys doing things the hard way, the upcoming university campus will be right down your alley. For starters, flexibility and convenience will be built-in features of the fund-raising effort. Faculty and staff members will have the option of making their gift by check, credit card, securities, or payroll deduction.

Donors also will have the opportunity to choose from a number of designations when they make a gift. The campaign gift card, which will be included in the April solicitation mailing, will list 13 areas of the university that donors can select as beneficiaries of their support. Individuals can also pencil in areas not included on the card.

The campaign, which is open to both current and retired members of the university community, begins the third week of April and will run through the end of the fiscal year.

As in fiscal year 1997-98, “participation will be the mantra of the 1998-99 campaign. ’Of course, we hope everyone makes as large a contribution as they can,’ said Judy Graham, the university’s director of annual giving. “But, we are particularly focused on encouraging as many individuals as possible to participate. We want the university campaign to grow into a strong tradition.”

Second campaign to launch in mid-April

By Terry McGuire

Engineering’s Stephenson named to Kelly professorship

By Liz Crumbley

F. William Stephenson, dean of the College of Engineering, has been named the first recipient of the Hugh P. and Ethel C. Kelly professorship of electrical and computer engineering.

Ethel Kelly endowed the professorship in Tech’s Bradley Department of Electrical and Computer Engineering (ECpE) in honor of her late husband, Hugo, a Virginia Tech alumnus who had a long and successful career with AT&T’s Bell Laboratories that included pioneering work in development of the Telstar satellite system.

Hugh Kelly, who grew up in Richmond, received his bachelor’s degree in electrical engineering from Virginia Tech in 1937 and his master’s in 1938 and went to work for Bell Labs in New Jersey. When AT&T began developing the Telstar system, the first private venture in space and the first communications satellite system, Kelly was put in charge of planning, operations, design and installation of the system’s ground stations in Maine and France. Telstar made worldwide telephone service possible and paved the way for research in hybrid micro-electronics and active-filter design conducted in the United States and Great Britain, he has published more than 100 articles in professional journals, is the co-author of two books and editor of several others.

Co-founder of the Virginia Tech Hybrid Microelectronics Laboratory, Stephenson served as director from 1984 to 1990. An active educator, he has advised numerous undergraduate and graduate student projects and was a co-founder of the Virginia Tech Student Chapter of the International Society for Hybrid Microelectronics, now the largest chapter in the nation. He is a fellow of the Institution of Electrical Engineers and of the Institute of Electrical and Electronic Engineers.

Stephenson also has a strong record of cooperative education and research venture among six state colleges and universities. Under Stephenson’s leadership, the College of Engineering has strengthened its national rankings, increased its research funding and activities, raised $86.8 million during the recent Campaign for Virginia Tech, and established two project facilities for undergraduate students—the Joseph F. Ware Jr. Advanced Engineering Laboratory and the Raymond and Violet Frith Freshman Engineering Design Laboratory.

“I’m delighted with the college’s choice of Bill Stephenson for this chaired professorship,” Ethel Kelly said.
**EVENTS**

**Thursday, 25**
- Choices and Challenges Forum, 8 a.m.-5:30 p.m., DBHCCC: “Reinventing the Human: Designers Care.”
- Women’s Month Program, 8 a.m.-5:30 p.m., basement of Women’s Center: Clothesline Project Workshop.
- Women’s Month Program, 8 a.m.-5:30 p.m., Drillfield: Clothesline Project Display.
- Women’s Month Program, 2:05-3:15 p.m., DBHCC room A: “Re-inventing the Human: Feminist Debates and Dilemmas,” by Martha McHugh and Bernice Hausman.
- Women’s Month Program, 7:30 p.m., Drillfield: Take Back the Night Rally and March, proceeding through campus and downtown.

**Friday, 26**
- Women’s Month Program, 8 a.m.-5:30 p.m., basement of Women’s Center: Clothesline Project Workshop.
- Women’s Month Program, 8 a.m.-5:30 p.m., lawn of Women’s Center: Clothesline Project Display.
- Women’s Month/YMCA Native American Program, 4 p.m., 341/345 Squires: Lumbee and Native American Women’s Traditional Societal Roles, by Cheryl Oxendine, Lumbee Nation.
- International Club Coffee Hour, 5 p.m., Cranwell Center: Topic: TBA, with Duncan Porter.

**Saturday, 27**
- Surplus Property Auction, 9 a.m., Surplus Warehouse: YMCA Hike, 9 a.m., meet in parking lot 403 Washington. St.: Pipers Run Resort State Park.
- Women’s Writers Conference, 9 a.m.-noon, DBHCC.
- Chamber Music Concert, 8 p.m., Squires Recital Salon. Mary Louise Hallauer and Teresa Ehrlich.

**Sunday, 28**
- Chamber Music Concert, 3 p.m., Squires Recital Salon. Mary Louise Hallauer and Teresa Ehrlich.

**Monday, 29**
- GSA Annual Research Symposium, Squires Old Dominion Ballroom.
- Multicultural Interactive Program, 3:30-5 p.m., Owens Banquet Hall: “Improving the Status of Women and Minorities at Virginia Tech: An Interactive Seminar.”

**Tuesday, 30**
- Family Support Program, noon-1 p.m., DBHCC conference room A: “Spring Cleaning Your Finances: Basic Budgeting Skills and Other Useful Tips and Hints.”
- VTOnline Workshop, 2 p.m., 502 Major Williams: Advanced WWW Design for Online Education.
- Volunteerism and Leadership Speaker, 7:30 p.m., Cassell Coliseum: Gen. Colin Powell.

**Wednesday, 31**
- Faculty and Wage Paydate.
- “With Good Reason,” 7 p.m., WVT: “Danville and the Unrest of 1963.”

**APRIL**

**Thursday, 1**
- Art Exhibit Opening, Armory Gallery.
- STS Lunch Discussion, 2 p.m., 132 Lane: “Feminist Contribution to Science and Technology Studies.”

**Thursday, 25**
- Geological Sciences, noon, 4045 Derring: “The Ocean Drilling Program’s Marine Record of Ocean Circulation, Uplift of the Andes Mountains and Climate Change,” by Rick Murray, Boston U.
- Entomology, 4 p.m., 220 Price: “Differential Alterations in Nicotinic Autoreceptor-Mediated Acetylcholine Release Following Parathion or Chlorpyrifos,” by Paul Harp.
- Electrical/Computer Engineering, 4 p.m., 654 Whittemore: Topic TBA, by J. Scroggins.

**Monday, 29**
- Electrical/Computer Engineering, 4 p.m., 654 Whittemore: TBA.
- Biochemistry, 4-5 p.m., 223 Engle: “A Computer Science Perspective on Bioinformatics,” by Ed Fox, Cal Ribbens, and Lenny Heath.
- CSCE, 4 p.m., 232 Smyth: “Complications with Sustainable Agriculture on Rainforest Soils,” by Wayne Thompson.
- Geological Sciences, 4 p.m., 2044 Derring: “Sequence Stratigraphy of Intraslope Turbidite Systems: Models for Exploration and Development,” by Paul Weimer, AAPG.

**Wednesday, 31**
- Electrical/Computer Engineering, 4 p.m., 654 Whittemore: “Seismic Response Control of Civic Structures,” by M.P. Singh and E. Matheu.

**Thursday, 1**
- Entomology, 4 p.m., 220 Price: Graduate Student Presentations, by Sarah Engel and Teresa Dellingar.

**ACTIVITIES**

**AT&T executive to speak**

AT&T executive Jerry R. Batt will discuss the challenges of managing complex organizations as the featured speaker in the Wheat First Union Distinguished Speakers Series, sponsored by the Pamplin College of Business. His talk, which is open to all students, begins at 4 p.m. on Thursday, March 25, in the Owens Banquet Hall. A reception will follow the talk. Batt is vice president of billing systems at AT&T. A 25-year veteran of the company, he has worked in a variety of assignments in engineering, marketing, product management, and personnel. During the past eight years, he has led the effort to build a platform for consumer long-distance account management, billing, and customer service. Batt, who directs more than 1,400 people, is currently involved in deploying systems to support the company’s strategy to combine long-distance, local, and wireless phone service with computing and entertainment services. Batt, who earned a bachelor’s degree in industrial engineering and operations research at Virginia Tech in 1972, serves on the Pamplin Advisory Council. He is also a member of the advisory boards for the University of Texas and Texas A&M. The Wheat First Union lecture series is organized by Pamplin’s Executive Planning Committee, a student group that plans and organizes career-related events for the college’s students. Through its activities, the group also offers students an opportunity to gain leadership and project management skills.

**Camp returns to campus in summer**

Virginia Tech’s College of Engineering will sponsor its eleventh annual summer camp, IMAGINATION’99, formerly known as Academic Enrichment Camp, for rising eighth and ninth graders. The camp is an excellent opportunity for area students to gain practical experience with math, science, computers, and engineering.

Accepted students will work with university professors, college students, and other eighth and ninth graders from the local counties such as Montgomery, Floyd, Giles, and Roanoke, as well as the Roanoke City schools. Since this is a commuter camp, students with the exception of the Roanoke City Schools, must provide their own transportation to and from Virginia Tech. Roanoke City has agreed to provide transportation for its students. Under-represented students are encouraged strongly to apply. who previously participated in the camp are ineligible. Each applicant must submit an application, letter of indication of commitment to participate in the camp. A $10 nonrefundable commitment fee (only if accepted). The commitment fee is not an issue of camp cost; however, it is an indication of commitment to participate in the camp.

Participants are encouraged to obtain VTAIX and ACF2 accounts prior to the class. Account numbers will be needed to submit jobs. For information on VTAIX and ACF2 accounts, call IRM at 1-6716.

Sigma Xi plans annual banquet

Sigma Xi will hold its annual banquet, initiation of new members, research and teaching awards, on Wednesday, April 7, in the Owens Banquet Hall. Initiation ceremonies begin at 5:30 p.m., followed by a reception and banquet at 6:30 p.m. Noel R. Krieg, alumni distinguished professor, Department of Biophysics, will make a presentation titled “Microaerophilic Microorganisms Implicated as the Causative Agent of Ulcers.” For more information, contact Forrest Thyer at 1-6620 or by e-mail at fthyer@vt.edu.

**Bulletins**

**Leaves donations requested**

Employees in Agricultural and Applied Economics and Communications Network Services have requested leave donations. There are still employees in the College of Veterinary Medicine and Residential and Dining Programs who also have requested leave donations. Any salaried classified employee
or a 12-month regular faculty member has an opportunity to participate by donating annual leave in increments of eight hours. Donor forms may be obtained from department administrative offices from Personnel Services department at 1-9331. Please return the completed form to Mary Chapman Gearheart, lead administrator, Personnel Services 0318.

Geographical Society announces speakers The Geographical Society will sponsor a talk by Charles Good and Tina Schlosser titled “Traditional Healers and the Prevention of HIV/AIDS in East Africa” on Friday, March 26 at 4 p.m. in 136 McBryde.

University ensembles concert set The School of the Arts and Department of Music present the University Percussion and Marinka Ensembles Spring Concert on Monday, March 29, at 8 p.m. in Squires Recital Salon.

Admission for the performance is free. For more information, please contact the Virginia Tech School of the Arts Information Line at 1-5200.

Piano Duo Hallauer and Ehrlich to perform The University Chamber Music series presents the fifth anniversary of the popular piano duo Mary Louise Hallauer and Teresa Ehrlich in Grand Piano, Opus V. The concert will be held Saturday, March 27 at 8 p.m. and Sunday, March 28 at 3 p.m. in Squires Recital Salon.

Tickets are $10 general admission and $7 for students and senior citizens.

Graduate seminar series examines careers Virginia Tech Research and Graduate Studies and Career Services are sponsoring a series of workshops and seminars for graduate students addressing a number of topics that may not have been covered during one’s formal education. Experts from a number of fields will address issues related to careers inside and outside of academia. “Training the Future Professional” workshops scheduled this semester:

- Thursday, March 25, 9 to 11:30 a.m., 341 Squires. Following an introduction on doing research, Catherine Eckel of the economics department will talk about proposal writing and about the National Science Foundation, Carole Christian, government program development specialist at Virginia Tech, will talk about other funding sources, by Carole Christian, and Barbara Carlisle of the Center for Interdisciplinary Studies and theatre arts department, will talk about funding for the arts and humanities.

- Tuesday, March 30, 9 a.m. to noon, Squires Brush Mountain Room A: “Getting the Academic Position.” Pam Hermann of Career Services will discuss preparing the curriculum vitae, and there will be a panel discussion, by faculty members Karen Roberto of the Center for Gerontology, Charles Reinholz of mechanical engineering, and David Brinnsberg of marketing.

A program on Ethics in Professional Life is also planned for this spring.

The following classified positions are currently available. More details of these positions, specific application procedures and position-closing dates may be found on the Personnel Services web site at http://www.ps.vt.edu. Available positions are also listed on the Job Line, a 24-hour recorded message service: Office/Class Code: 1-6196, General/Times: 1-6160, Service/Trades: 1-6176; Professional and Manager: 1-4649; Information Technology: 1-2233. Some of the following positions include the following benefits. Positions with numbers beginning with a “W” are hourly and do not include state benefits. Comments about this shortened listing should be made to preserve.vt@vt.edu or by calling 1-5301 or 1-6258 for persons with hearing impairments. Individuals with disabilities desiring assistance or accommodation in the application process should call by the application deadline.

To better serve applicants, the closing date for advertised positions has been changed to 1 p.m. Monday unless otherwise stated. An EO/AA employer committed to diversity.

Full Time

- Accountant, 4526P, Grade 9, Controller’s Office
- Administrative Liaison, 2325D, Grade 8, Communications Network Services
- Equipment Management/Laundry Assistant/Storekeeper, LC025J, Grade 4, Athletics
- Executive Secretary, 2226D, Grade 8, University Development
- Fiscal Assistant, 7437D, Grade 5, University Development
- Fiscal Assistant, LC068J, Grade 5, Virginia Tech Athletic Fund
- Food Operations Assistant B (3rd Baker), 2868H, Grade 4, Residential and Dining Programs
- Food Operations Manager B/Executive Chef, 0029H, Grade 10, Residential and Dining Programs/Owens Dining Center

To The Editor

Dear Members of the University Community:

Colin Powell’s visit to Virginia Tech is a wonderful opportunity to recognize the breadth of service occurring on campus, including those campus programs that are dedicated to educating and training students.

Correction

In last week’s edition of Spectrum, the word “spring” was inadvertently placed in a front-page headline concerning the Virginia Agricultural Experiment Station. We regret any confusion this error may have created for readers.

Virginia Tech

SPECTRUM VIRGINIA TECH CAMPUS NEWSPAPER

Spectrum, a faculty-staff tabloid, is published each Thursday during the academic year, with the exception of certain holidays, exam weeks, and the summer. Copy deadline is 5 p.m. Thursday. No advertising is accepted. University Relations: Lawrence G. Hincker, associate vice president for University Relations: David Hutter, director for Public Affairs.

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The purpose of today's rally and candlelight march is to bring the community together to protest violence against women and to promote awareness of attitudes, beliefs, and behaviors which perpetuate violence. Organizer e-mails everyone so that at least 300 people can come together and march in the parade. The rally, which will include speakers and musicians, will be held between 7:30 p.m. and 8 p.m. on the Drillfield. Beginning at 8 p.m., participants will march through campus and downtown Blacksburg, returning to the Drillfield for a closing celebration. The march route is accessible for disabled persons. (In case of rain, participants will gather in Colonnial Hall in Squires Student Center.)

Marches call attention to violence against women. Although marches emphasize that violence against women occurs at all times, they are particularly concerned about violence at night.

Women and men of all ages are encouraged to join in the Take Back the Night event, which is part of Women's Month 1999. Participants are asked to bring a small candle or flashlight and, together, to march in Take Back the Night.

Each participant is asked to wear a purple ribbon tied with a knot for every friend or relative who has been sexually assaulted. Ribbons will be worn throughout Women's Month to show support for victims and to protest sexual violence against all people. Purple ribbons will be available at information tables before events during Women's Month and each weekday at the Women's Center at Virginia Tech. The center is located behind McBryde Hall at the corner of Stanger and Turner Streets.


For more information, call Susan Anderson at 1-8041 or 951-2013, or Megan Ribbons.