

# SPECTRUM

Virginia  
Tech  
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

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

VOLUME 26 NUMBER 2 FRIDAY, SEPTEMBER 19, 2003

## New CALS Dean Quisenberry plans to build on college's strengths



QUISENBERRY

By Charlie Stott

Saying that America is poised on a second Golden Age of Agriculture, Sharron Quisenberry "comes to work excited every day" as the new dean of the College of Agriculture and Life Sciences.

"The College of Agriculture and Life Sciences and Virginia Tech have an exciting future with tremendous opportunities for cutting-edge programs in Extension, instruction and research," said Quisenberry, who moved into her new position on August 1. "A major reason for me taking this position is because of the excellent quality of the faculty, staff and students in this college and the university.

"The college also has a strong, broad-based support system across the state. We want to strengthen those connections and partnerships and build new ties and alliances. Those stakeholders are tremendously important to us. We cannot do it by ourselves,

and we look forward to strengthening our partnerships, which will allow us to continue to grow."

Quisenberry comes to Virginia Tech from Montana State University where she was dean of the College of Agriculture and director of the Montana Agriculture Experiment Station.

She currently serves on the National Academy of Sciences' Board on Agriculture and Natural Resources and was appointed by President George Bush to serve on the Board for International Food and Agriculture Development. In Montana, she also served on the Governor's Economic Policy Advisory Committee

She said much of the quality of life that is enjoyed in the U.S. today is because of the "Golden Age of Agriculture Production." But, she said, "How we focus our future can have a more profound impact on society, even more than what we have accomplished in the past.

"The college is going to build on our

strengths here at Virginia Tech to assist citizens of the state to have a better quality of life. When we look at agriculture, we are not only going to look at the success of production but how our producers can add value to what they are already doing, whether that is through bio-based products, diversification into new crops or other avenues.

"We are going to look at how agriculture can be tied to human health and nutrition, to the prevention of chronic diseases, and can assist communities with economic development. This would include areas such as families, youth at risk, our urban/rural interface, and rural economic development.

"The college will expand but focus our vision of how we can best meet the needs of our clientele. We must bring our expertise in research, teaching and Extension together to address problems that face society."

Well aware of the challenges ahead as a result of significant budget reductions and the loss of faculty members in recent years, Quisenberry said she is strongly optimistic about the future. "There are some missing pieces and we will do our best to address those critical needs while addressing

(See NEW on 8)

## VBI central to regional center of excellence

By Neysa Call

The U.S. Department of Health and Human Services has announced a five-year, \$42-million grant to establish a mid-Atlantic Regional Center of Excellence (RCE) for Biodefense and Emerging Infectious Diseases. Virginia Bioinformatics Institute (VBI) at Virginia Tech will serve as the genomics and bioinformatics core for the 15-university collaboration led by the University of Maryland.

"Scientists, health professionals and the public have come to recognize that the world's human population comprises a global village," said Mike Levine, director of the center for vaccine development of the University of Maryland School of Medicine and RCE project leader. "Most pathogens, however, have global reservoirs that do not respect national borders. We are pleased that renowned university experts will work together in this strategic and coordinated effort to protect citizens against infectious disease agents and potential bioterrorism threats."

Several diseases including anthrax, hemorrhagic fever, tularemia, and smallpox, as well as public-health-response research including needle-free immunization programs, will be investigated by the new center. Specifically, VBI will provide high-performance laboratory infrastructure including genomic and gene-expression sample analysis. Additionally, VBI will provide supercomputing capabilities and informatics-software platforms to connect the numerous collaborators. The RCE team will leverage VBI's PathPort, short for Pathogen Portal, a Department of Defense-funded informatics platform designed to enable data gathering, storage, analysis and integration.

"Understanding the underlying biology of infectious diseases poses incredibly complex challenges," said VBI Director Bruno Sobral. "VBI and other Virginia Tech

(See VBI on 8)

**Fourth Annual Faculty/Staff  
Awards Ceremony  
and President's Annual Address**  
**All Faculty and Staff Members and Students are  
invited to attend**  
**Today, 5 p.m.**  
**in the Donaldson Brown Hotel and  
Conference Center Auditorium**

## Facial-recognition under development

By Lynn Nystrom

In biometrics, the facial image is the least accurate means of verifying a person's identification, said Creed Jones, a senior product engineer with Sagem Morpho of Tacoma, Wash., and a Ph.D. engineering student at Virginia Tech.

For Jones, the chair of a national biometrics committee of the American National Standards Institute (ANSI), the watchful eye of Big Brother is a subject that requires common-sense guidelines. Photographically, one face may have many different appearances. Problems in verification can result from the angle a picture is taken, or the amount of illumination, or even an expression. To combat some of these shortcomings, Jones is using some very complex mathematics in software programming he is developing.

Jones is working on the development of a face-recognition system that uses color. "Everyone currently uses black and white images in biometrics and this presents a problem with skin tone. So I am using the most promising of the black and white technologies, called Gabor filters, and adapting it to color," Jones said.

The identification of people by their physical and behavioral characteristics is receiving much press in today's heightened state of security. But the early history of biometrics may surprise some. In the 1870s, British soldiers in India had to register their

fingertip prints to receive their pay. India also developed the first system for classifying and filing fingerprints in 1897.

By the time the Federal Bureau of Investigation established its central repository of fingerprints in 1924, the science of biometrics was well on its way. Now, into the 21st Century, biometrics is pervasive. Law-enforcement agencies are using a proliferation of electronic products to provide recognition of a person's identity, either through eye, voice, face, signature, fingerprint or hand geometry.

"There are a number of societal issues regarding surveillance," said Creed, an electrical engineer. "We will need laws on the use and dissemination of information."

Jones' employer has placed such a high value on his expertise that it has essentially paid his expenses to study for his doctorate at Virginia Tech. When he graduates a year from now, Sagem Morpho also knows that Jones won't be returning to the successful company. Instead he plans to teach at Seattle Pacific University and stay on his former employer's payroll as a consultant.

Jones selected Virginia Tech for his doctoral studies because of the expertise of Roger Ehrich of computer science and Rich Connors and Lynn Abbott of the Bradley Department of Electrical and Computer Engineering. Abbott is Jones' thesis adviser, and he credits his student with spearheading

(See FACIAL-RECOGNITION on 8)

## 457 Deferred Compensation Plan Fall Information Sessions Scheduled

The Commonwealth of Virginia 457 Deferred Compensation Plan is established by the Code of Virginia and allows state employees to save for retirement in a voluntary, payroll-deducted, tax-deferred savings program. Virginia Tech employees may contribute the maximum amount for which they are eligible to both the 457 and the 403(b) program.

The 457 program provides a wide range of low-cost investment selections from conservative to moderate or aggressive funds with maximum control and flexibility.

Nancy Roth, a representative of Great West, will be on campus on the following dates: October 14—Executive Conference Room; November 14—conference room F; December 4—Conference Room F

All sessions will be held at the Donaldson Brown Hotel and Conference Center in the room indicated next to the dates above. General-information sessions will be held at 11 a.m. and 2 p.m. on each of the above dates. Individual appointments may be scheduled on each of these dates by sending an e-mail request to Roth at [nancy.roth@gwl.com](mailto:nancy.roth@gwl.com).

Enrollment forms and funds profiles are available at [www.vadcp.com](http://www.vadcp.com). For more information regarding the 457 or 403(b) programs, contact Gloria Smith, at [gsmith@vt.edu](mailto:gsmith@vt.edu)

# ACTIVITIES

## EVENTS

### Friday, 19

Faculty/Staff Awards Ceremony, 5 p.m., Donaldson Brown auditorium.

### Sunday, 21

Deaf Awareness Week.

### Tuesday, 23

Engineering Expo (Though 9-24).

### Wednesday, 24

"With Good Reason," 7:30 p.m., WVTF.

### Thursday, 25

Business Horizons Career Fair.

### Friday, 26

Rosh Hashanah Begins (Sundown).

### Saturday, 27

Football, noon, Lane Stadium: Connecticut.  
Rosh Hashanah.

### Sunday, 28

Rosh Hashanah.

### Tuesday, 30

Pay Date for Faculty and Staff Members.

## October

### Wednesday, 1

Information Session, 5 to 6 p.m., Montgomery-Floyd Regional Library: Cuba's Built Heritage: A Cultural Trip to Cuba.

"With Good Reason," 7:30 p.m., WVTF: Hayward Farrar (VT).

### Thursday, 2

TA Event, 8 p.m., Squires Studio Theatre: "The Swan." (Through 10-5).

### Friday, 3

Last Day to Drop.

## SEMINARS

### Friday, 19

Geography, noon, 136 McBryde: David Kramer.

Department of Geosciences, 3:30 p.m., 4069 Derring: Gary Kocurek, Texas, Austin.

MCBB, 12:20 to 1:10 p.m., Fralin auditorium, Bob Bourret, UNC.

MSE, 3:30 p.m., 100 Hancock: Donna Dean, NIH.

### Friday, 26

Department of Geosciences, 3:30 p.m., 4069 Derring: Kerry Sieh, Cal Tech.

MCBB, 12:20 to 1:10 p.m., Fralin auditorium: Ann Stevens.

Trent Distinguished Scholar Lecture Series, 2 p.m., Fralin auditorium: William J. Doherty, University of Minnesota.

MSE, 3:30 p.m., 100 Hancock: Karen Winey, University of Pennsylvania.

## October

### Friday, 3

MCBB, 12:20 to 1:10 p.m., Fralin auditorium, Katherine Osteryoung, Michigan State.

MSE, 3:30 p.m., 100 Hancock: Michael Kelley, Jefferson Lab, William & Mary.

## BULLETINS

### Women Faculty Research Series set

The Women's Center and the Organization of Women Faculty are sponsoring the Women Faculty Research Series during the fall semester. Four faculty women will present work from their research and teaching interests. Each presentation will take place in the Donaldson Brown Hotel and Conference Center's Executive Conference Room from 4 until 5:30 p.m.

The first presentation will be on Monday, Sept. 22. "A Family is a Circle of Friends Who Love You": Circles and Cycles of Close Relationships in Old Age will be presented by Rosemary Blieszner. Her presentation will focus on the contributions of family and friends to happiness and well being.

On Wednesday, Oct. 29, Bernice Hausman will present "Breastfeeding Controversies in American Culture."

On Wednesday, Nov. 12, Janine Hiller will present "Fencing Cyberspace: Public or Private, Speech or Property?"

On Tuesday, Dec. 2, Gwen Lloyd will present, "On Mathematics Teachers and Their Textbooks: How Experiences with Innovative Textbooks Can Help Teachers to Rethink Mathematics and Pedagogy."

All presentations are free and open to the university community. For more information, contact Mary Campos, at 1-7806 or e-mail [mcampos@vt.edu](mailto:mcampos@vt.edu).

### Grant writing workshops offered

The schedule of workshops for new faculty members for September and October is:

"Your Research Career at Virginia Tech—Getting Started" is offered Friday, Sept. 26, 3 to 4:30 p.m. in 3100 Torgersen. The workshop will cover the basics of sponsored research: funding opportunities, conducting a funding search, developing and submitting a proposal, and managing a research career.

"Writing Successful Grants" Friday, Oct. 17, 3 to 4:30 p.m. in Fralin Center auditorium. This workshop will cover why proposals succeed—or don't, getting ready to write, avoiding common proposal pitfalls, and additional tips.

"Finding Funding" workshops will be offered Oct. 24 and Oct. 31, 3 to 4:30 p.m. in 3060 Torgersen. These workshops will cover how to locate suitable sponsors, using on-line databases, government agencies and private foundations, and how to receive funding alerts.

To register, call Debbie Nester at 1-5410 or e-mail [debbiell@vt.edu](mailto:debbiell@vt.edu). Include name, department, mail code, and e-mail address.

### Study Abroad Fair set

The Office of International Research, Education, and Development (OIREED) will hold its annual Study Abroad Fair September 24 from 10 a.m. until 4 p.m. on the Drillfield. Diverse, university-wide and college study-abroad programs will be represented. Departmental personnel and students can learn about the wide range of subjects and geographical

locations available to meet students' academic, financial, and personal needs.

For more information, contact Daniel O'Brien at 1-8205 or [obriend@vt.edu](mailto:obriend@vt.edu).

### Graduate, Professional School Day set

The Graduate Student Assembly is sponsoring Graduate and Professional School Day 2003 on Friday, Sept. 26, in the Old Dominion Ballroom and 150 Squires. Approximately 50 universities will provide students with information about their advanced-degree programs. Traditionally, graduate schools, law schools, medical-health-related schools, business schools, and engineering schools have attended. Some institutions already registered include Penn State, MCV/VCU Medical School, Wake Forest School of Law, University of Miami.

This event is free to all students and professional dress is not required. For more information, contact Paula Williams, 1-7919.

### E-mail access secured

Beginning October 1, all e-mail access and retrieval will be allowed through secure methods only. This will affect all users of the POP server (POP.VT.EDU; most students and many faculty and staff members), and any Exchange users who use the POP or IMAP protocols to access their e-mail.

These secure services are currently in place, but will become mandatory on the date above. This step is being taken to help prevent unauthorized access, identity theft, etc., and to conform to mandates from by both federal and state agencies. For specific information on how to configure desktop e-mail client software to interface with the new system requirements, visit URL <http://www.answers.vt.edu/ask4help/email/vtkb1613.htm>.

For questions or problems, contact 4HELP (4-4357 on campus/1-4357 off-campus)

### Science Museum seeks nominations

The Science Museum of Virginia is now accepting nominations for Virginia's Outstanding Scientist 2004, Virginia's Outstanding Industrialist 2004, Life Achievement in Science, and Life Achievement in Industry. The deadline is October 1.

The Scientist of the Year award is made to a living person in any field of sciences, including mathematics, technology and the physical, biological or health sciences. Scientists whose work cannot be published for security reasons may also be nominated. The prime factor in selection is a recent contribution to basic scientific research that extends the boundaries of any field of science. The contribution should be easily recognizable as a definite advance of knowledge or a significant technological development.

Although advancements are often a result of team effort, a single individual most responsible for the genesis of an important contribution should be selected.

The Life Achievement award is based on nominee's lifetime accomplishments. The achievement for which an award is granted should dramatize current progress in science in Virginia.

An individual may not receive more than one award in his or her lifetime. The Industrialist of the Year award is made to a living Virginia resident for recent achievement in any sector of Virginia business or industry. The Life Achievement award is based on a nominee's lifetime accomplishments. The award is made for a distinct contribution to a business or industry that advanced business

development through the innovative use of science or technology. Consideration will also be given to an individual's service to the community

Forward nominees to Karen Rahman at [kraham@smv.org](mailto:kraham@smv.org), call 804-864-1499, or fax 804-864-1560. Nomination forms are available at [www.smv.org/SandI/NominationPacket04.html](http://www.smv.org/SandI/NominationPacket04.html)

### Voter registration encouraged

The League of Women Voters of Montgomery County offers area residents have the opportunity to register to vote.

For those not already registered, a Virginia voter-registration application can be obtained by contacting Phyllis Olinger, [phylo@vt.edu](mailto:phylo@vt.edu) or by calling 1-6867. Absentee ballot applications are also available.

Businesses throughout Montgomery County will be conducting voter registration drives before the Monday, Oct. 6, deadline to register to vote in the upcoming November election.

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

*Spectrum* is a non-profit publication of the Office of University Relations: Lawrence G. Hincker, associate vice president for University Relations; Mark Owczarski, director of college and media relations.

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# 2003 Faculty-Staff Award Winners

## ALUMNI AWARD FOR OUTREACH EXCELLENCE

### Laurence Carstensen

Laurence (Bill) Carstensen, professor of geography, has made valuable contributions to outreach in his field and is recognized for his efforts by receiving the Alumni Award for Outreach Excellence.

Carstensen has received grants from the National Geographic Society, the National Science Foundation, the Virginia Geographic Alliance, and the state of Virginia to fund his programs in computer-based instruction, Virginia Atlas production, and teacher workshops and summer institutes. Carstensen has led professional development programs for Virginia teachers for more than a decade, helping teachers to develop the geographic knowledge, skills and perspective essential to strengthening and restoring effective learning and teaching of geography in Virginia's schools. His work contributes to the National Geographic Society's nation-wide effort to enhance students' geographic competence.

One of Carstensen's most notable educational innovations was the development of a three-week summer institute by train that traverses North America and immerses teachers in diverse landscapes. Teachers met with local inhabitants and anthropologists, learned to analyze landscapes while using maps and applying GPS skills. Teachers later implemented the knowledge and experiences into the classroom.

"Bill loves geography and thoroughly enjoys sharing his knowledge, skills and perspectives," said Robert W. Morrill, professor emeritus of geography. "He wants every person to learn and to grow. His work has made a substantial impact on teachers and students."



CARSTENSEN

## ALUMNI AWARDS FOR EXCELLENCE IN TEACHING

### Gwendolyn Lloyd

Since joining the mathematics faculty in 1996, Gwen Lloyd, associate professor of mathematics, has contributed innovation, high-quality classroom work and scholarship to her profession. Her teaching evaluations have been well above average over the last five years and she has received a \$435,000 Early Career Development Grant by the National Science Foundation for her research in mathematics education. For these contributions, Lloyd has been awarded the Alumni Award for Teaching Excellence.



LLOYD

Her teaching has focused on two 1000-level classes designed for future elementary- and secondary-school teachers: Math 1614 (Number and Computing for Teachers) and Math 1624 (Geometry and Computing for Teachers). Lloyd's students have cited her interactive teaching environment, which incorporates group work in a positive and encouraging setting and her enthusiasm. She is known to challenge her students' knowledge and views while teaching mathematics as a dynamic subject.

Lloyd has also played a major role in curriculum development at both the undergraduate and graduate levels in the Math Education Program (she has also taught EDCI 5234 and EDCI 5784). She was part of the effort that transformed many undergraduate math courses into on-line courses, and she has served as workshop director for Women's Career Day in Mathematics at Virginia Tech, a workshop for middle-school girls, since 1997.

"Gwen Lloyd exemplifies mathematics teaching at its very best," said Professor and mathematics Department Head John Rossi. "She is extraordinary."

### Dixie Watts Reaves

Dixie Watts Reaves, associate professor of agricultural and applied economics, is known for her informative classes and her willingness, patience and compassion in working with her students. Students have cited her as a trusted advisor, both inside the classroom and out. She is this year's recipient of the Alumni Award for Teaching Excellence.

Reaves has also been involved with service outside the classroom. She has served at the multi-day conference for the Virginia Council of Farmer Cooperatives and has played an active role in Governor's School for Agriculture, serving as coordinator and faculty member for the ag-econ major. She is actively involved with several student organizations, such as the Ag Econ/NAMA Club, Sigma Alpha professional agricultural sorority, National Agri-marketing Association Team, and Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS).

Reaves has been instrumental in adding three courses to the agricultural-and-applied-economics curriculum. She has also been a mentor in the university mentoring program, has served on 13 master's committees and two Ph.D. committees, and along with Charles Coale, created the departmental-internship program. She has taught a variety of courses in the department and has given many presentations at conferences nation-wide.

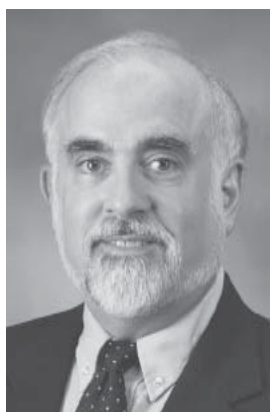
"Dixie Reaves lives to teach, encourage, support and help students in any way possible," colleague David Kenyon said.



REAVES

## XCALIBER AWARDS FOR INDIVIDUAL AND TEAM EXCELLENCE

### Lawrence Grossman



GROSSMAN

His innovative approaches to incorporating technology with teaching have earned Lawrence Grossman, professor and head of geography, the XCaliber Award for Excellence by an Individual Teaching with Technology. Grossman is recognized for developing an on-line course at Virginia Tech as well as an on-line workshop for agricultural scientists in Uganda.

He created extensive on-line tutorials accompanied by graphics for the computer applications in social-science research course (SPIA 2004). His tutorials taught students how to use software for research at a relatively early stage in their undergraduate education. These tutorials helped students to develop their analytical abilities, increase their research and communication skills, and better understand the complexities of the research process.

Grossman also developed on-line materials for a geographic-information-systems (GIS) workshop in Uganda to teach agricultural scientists how to use technology in their research on reducing pesticide use. His GIS tutorial, the first one used to enhance Uganda's agricultural research, fostered independent learning of GIS technologies, and continues to be used by several agencies in Uganda.

"The tutorials present creative activities that empower people to learn independently, and his Uganda workshop has stimulated international interest," said James Campbell, professor of geography.

### SOLAR DECATHLON TEAM



From left: Robert Dunay, Mike Ellis, Robert Schubert and Mehdi Setareh.

A team of faculty and staff members and students working on the Solar Decathlon project, led by Robert Schubert, professor and associate dean of research and architecture, and Michael Ellis, assistant professor of mechanical engineering, has been awarded the XCaliber Award for Excellence by a Team of Faculty, Students, and Staff. The award recognizes the team's innovative approach to teaching with technology.

The Solar Decathlon initiative arose out of a multi-disciplinary senior design project in which a team of architecture, mechanical engineering, building construction, and industrial design students worked together to design and build a grid-independent solar house. The solar house competed with 13

(See SOLAR TEAM on 8)

### MULTIMEDIA TECHNOLOGY TEAM



From left, front row: Jane Lehr, Brent Jesiek, Jonson Miller, Mark Harden, Thomas Bigley; second row: Lance Huff, Jeffrey Dalton, Douglas Whorley, Bryan Hey, Donna Whitmarsh, Chris Hays, Gary Downey.

The interdisciplinary team that created a CD/web course titled "Engineering Cultures Online: Building Global Engineers Through Multimedia Technology" has been awarded the XCaliber Award for Excellence by a Team Teaching with Technology.

Led by Gary Downey, professor of science and technology studies, and Mark Harden, manager of Video/Broadcast Services, this multimedia initiative's main goal was to help engineering students learn to work with people who use different approaches to problem solving. Through the use of multimedia CD's, streamed audio and video, and web-based course management,

(See TECHNOLOGY TEAM on 8)

## ALUMNI AWARD FOR EXCELLENCE IN UNDERGRADUATE ACADEMIC ADVISING

### *Dixie Watts Reaves*

Dixie Watts Reaves, chair of the undergraduate program in the agricultural and applied economics department, has received the 2003 Alumni Award for Excellence in Academic Advising.

An academic advisor since 1994, Reaves has been the chair for the undergraduate program since January, 2003. Her interest and concern for the students begins even before they arrive at Virginia Tech. She personally calls each student who expresses an interest in agricultural economics upon application to the university. Many of these students already know her through her participation in 4-H and agricultural youth programs with the Virginia Council of Farmer Cooperatives. She conducts the student summer orientation and gets to know each one of them by name.

Reaves, along with a colleague, developed the internship program in her department, eventually turning an informal internship into

a course to prepare students for an internship experience. She has also served on numerous curriculum committees at the department, college and university level.

David Kenyon, professor emeritus, said, "Reaves' office is always open and students know that they are welcome. She works endlessly for them, helping them develop their program, encouraging them, befriending them, and on occasion, challenging them to perform better in their academic pursuits."



REAVES

## ALUMNI AWARD FOR EXCELLENCE IN GRADUATE ACADEMIC ADVISING

### *E. Scott Geller*

During his 34 years at Virginia Tech, E. Scott Geller has advised many graduate students, including serving as committee chair to 37 master's and 24 doctoral students. His present and former students say that he is the epitome of excellence in graduate academic advising. His outstanding efforts are being recognized with the 2003 Alumni Award for Excellence in Graduate Academic Advising.

Geller's graduate students have been afforded the opportunity to work alongside a world-renowned professional in the area of psychology and, more specifically, in the area of behavioral community intervention. He works to motivate people to go beyond the call of duty.

He uses this framework—going beyond the call of duty—for mentoring students. He not only advises them on their research and coursework, but he also advises them on more general practices that will improve their careers. He provides them with a wealth of

opportunities and works very hard to ensure grant support to provide them with research experience and assistantships.

He regularly nominates his students for scholarship and awards. His graduate students have won the Outstanding Graduate Student for the College of Arts and Sciences for two of the last three years. His students say "Geller is more than our advisor; he is our mentor and our friend."



GELLER

## PROVOST'S AWARD FOR EXCELLENCE IN ADVISING

### *Mark J. Benson*

Providing high-quality advising to more than 200 students with an over-90-percent continuance rate for students progressing into graduate programs, as well as offering high-quality feedback on careers and serving as an advisor for various graduate organizations, has earned the Provost's Award for Excellence in Advising for Mark J. Benson, associate professor in human development.

Benson has gone "beyond the norm" in advising his students. He has developed and implemented a "student-success-plan experience" for 150 students. He has managed student teaching arrangements; developed an internship handbook; and co-founded the departmental graduate-student association. He has developed the initial writing-across-the-major plan for Human Services students and spearheaded a program for undergraduates to seek further training in human development.

Human-development student Emily Moyer said, "Benson is a supportive advisor, an admirable role model and mentor, and an exceptional teacher. His commitment to his students and respect for his fellow teachers are demonstrated through his daily actions and innovative teaching styles. I am fortunate that my interactions with him have not been limited to a one-time class, but instead, have included four years of excellent advising and continued support."



BENSON

*Articles for the special awards section were written by Ada Hatzios, Meredith Long, Daisy Bakke, Liz Crumbley, Jean Elliott, and Sherri Box. Photos courtesy of Rick Griffiths and John McCormick.*

## WINE AWARDS

### *Arthur L. Buikema Jr.*

Arthur L. Buikema, alumni distinguished professor of biology, has become locally, nationally and internationally known for his teaching innovations and recognized for excellence in many ways, including the W.E. Wine Achievement Award, given for excellence in teaching.

Buikema received a Senior Fulbright Scholarship to Zimbabwe, Africa and has developed courses for the new degree program in environmental and health sciences. He invites his students to engage in research abroad on the tropical ecology of Costa Rica and ecology and culture of South Africa.

Richard D. Fell, professor of entomology said, "Buikema wants students to view ecology and the environment from a broader context than just biology."

The heart of Buikema's teaching ethic is to encourage students to analyze, criticize and synthesize the information they seek through research to discover a better and deeper understanding of the issue.

"Students are responsible and capable for their own education," Buikema said. "The teacher is merely a mentor helping the students arrange the parts of their education into a symphony of self discovery, belief in self and achievement of personal and career goals."

Buikema has received national awards including the Outstanding Teaching Award and is a member of the National Association of Biology Teachers. He is also the recipient of Virginia Tech's Alumni Teaching Award, Sporn Award, and XCaliber Award for Excellence by an Individual Teaching with Technology.



BUIKEMA

**The Awards Ceremony is today at 5 p.m.  
in the Donaldson Brown Hotel  
and Conference Center auditorium.**



## WINE AWARDS

### *D. Michael Denbow*

D. Michael Denbow, professor of animal and poultry sciences, believes it is possible to stimulate, motivate and connect with each student in a given classroom.

His goal is to develop a positive learning environment, not only in his classroom, but also with each student he advises. He fulfills this goal through his interaction with each student. Denbow developed four new courses for the Department of Animal and Poultry Sciences including Embryology; Diet, Brain and Behavior; Neurochemical Control; and Advanced Neurochemical Control. Denbow has influenced numerous students, faculty members and alumni through his teaching by creating a fun, educational and motivational classroom environment. He is a recipient of the W.E. Wine Achievement Award, given for excellence in teaching.

Denbow was a member of the initial steering committee that helped establish the Biological Sciences Initiative, a program that focuses on enhancing undergraduate education across the biological-and-life-sciences departments. His motivation was to create and provide opportunities that enhance student learning.

Aside from student interaction and enhancing programs for students, Denbow engages in several areas of research including neuro-hemoral control of food and water intake, dietary influences of physiological function, and nutrient waste management.

"Dr. Denbow seems to have the most up-to-date scientific knowledge and encourages his students to do the same," said Elizabeth Werner, one of Denbow's students. "He communicates his knowledge of complicated, scientific subjects with astounding clarity, efficiency and enthusiasm."



**DENBOW**

### *Richard Goff*

Richard Goff, associate professor of engineering fundamentals, has worked in a number of ways to enhance the curriculum for Virginia Tech engineering freshmen. His leadership, mentoring and enthusiasm are valued by students and faculty members, and Goff has been selected to receive the W.E. Wine Achievement Award for excellence in teaching.

Goff's contributions in the areas of collaborative learning and hands-on experience have helped update the ways in which freshmen at Virginia Tech learn the basics of engineering. He was a leader in establishing the Frith Freshman Engineering Design Laboratory, one of the world's first facilities devoted to hands-on projects for freshmen. Goff has also worked with Bevelee Watford, the College of Engineering's associate dean for academic affairs, on summer-camp laboratory programs for middle- and high-school students who have interests in engineering and technology.

Goff assisted in piloting an international experience for freshman engineering students in Blacksburg and at Riva San Vitale, Switzerland. He also worked with faculty members in the College of Architecture and Urban Studies to develop an annual program for the collaboration of students from engineering students and industrial design. This collaboration could result in a studio design experience for freshman engineering students, similar to that in industrial design.

"These efforts, which Richard has led from inception to implementation, have resulted in the students being more engaged in the learning process than I have ever seen," said Hayden Griffin, head of the Division of Engineering Fundamentals.



**GOFF**

## SPORN AWARD FOR EXCELLENCE IN TEACHING INTRODUCTORY SUBJECTS

### *William Snizek*

During his 31 years at Virginia Tech, William Snizek has continually developed innovative teaching and learning techniques, which help personalize even those large, often impersonal lecture-based introductory classes of 600-plus students.

His "Kezins (last name spelled backwards) Sociological I.Q. Test" has been adopted by McGraw-Hill for use in several introductory texts, and helps students recognize the inaccuracy of stereotypes. His "mailbag" collects daily comments from his students, a sampling of which he responds to in his next class. This entails reading well over 10,000 student comments and questions each semester, but it successfully "shrinks" very large classes to manageable proportions by setting up a dialogue with his students.

Snizek has also recruited Honors students to be tutors, establishing a successful peer-mentoring program to help at-risk students in his large classes.

Charles Dudley, director of the University Honors Program, wrote that Snizek, who has received SCHEV's Outstanding Faculty Award and all the major teaching awards at the university (W.E. Wine, Alumni Teaching Award, Diggs Scholar), "is a true master of the art of teaching."

"Because of Bill's work, many colleagues, as well as students, share the view of the introductory student who in her evaluation of Bill's teaching simply wrote, 'Now I understand much more of what I see,'" wrote John Ryan, chair of the sociology department.



**SNIZEK**

## SPORN AWARD FOR TEACHING ENGINEERING SUBJECTS

### *Elaine Scott*

Elaine Scott has excelled beyond her duties as an engineering professor, instilling in her students a sense of belonging and confidence that can come only from a teacher who sets an impeccable example. In return, students in the College of Engineering have presented Scott with the Sporn Award for Teaching Engineering Subjects.

A professor of mechanical engineering (ME) and director of the university's Center for Biomedical Engineering, Scott initiated the collaboration that led to the establishment of the Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences. Scott provides leadership for Virginia Tech's role in the partnership. Through her efforts, this newly accredited program enables students to earn degrees in the biomedical-engineering field.

Scott also directs the Thermal Inverse, Characterization, and Optimization Lab and teaches courses in heat transfer and thermodynamics.

Allison Balmer, a May 2003 ME graduate, nominated Scott for the Sporn award. During Balmer's junior year, Scott became her mentor and involved her in a research project. While working on the project, Balmer said, she learned that, where Scott is concerned, "no question is too small, that perseverance is a must, and patience is commonplace. Scott's enthusiasm with her chosen profession sparks an interest in her students and her encouragement keeps them persisting through failure."



**SCOTT**

## DIGGS TEACHING SCHOLARS AWARDS

### *Andrew Becker, Elisabeth Bloomer, Tonya Smith-Jackson*

The Diggs Teaching Scholar Awards were established in 1992 to recognize and foster excellence, imagination, and innovation in linking scholarship and teaching. Each recipient is presented with a plaque, and a cash award goes to both the recipient and his or her department.

Andrew Becker, associate professor of foreign languages and literatures, teaches multiple levels of Latin, Greek and Classics courses, including one he has developed for the European studies program in Riva San Vitale, Switzerland, on ancient and modern poetry, and a distance-learning Latin literature course. He also frequently lectures for GTA seminars and the critical-methods course for the area-studies master's program.

Becker is actively involved in outreach for high schools and has been a teacher and director of the Governor's Latin Academy for several years. His students cite his high energy and passion for teaching. He is recognized for his ability to instill an appreciation for classical languages and other cultures. "Becker's innovative teaching, high standards, and unparalleled commitment to the study of ancient languages and culture all make him richly deserve this distinction," Terry Papillon, associate professor of classics said.

Lissa Bloomer, instructor of English, teaches first-year writing and higher-level creative writing in the department. She is a long-time GTA advisor and currently directs the GTA Advising program, and is known as a powerful teacher who influences her students' lives long after they leave her classroom. Bloomer's dedication to students and to the English



**BECKER**



**BLOOMER**



**SMITH-JACKSON**

department is illustrated through her tutoring of incoming freshman in the Upward Bound program and service to the department's Undergraduate Committee while it was redesigning the undergraduate curriculum. She was also instrumental in helping to develop on-line teaching for the creative-writing and first-year writing courses.

She is committed to teaching her students critical literacy, helping them to shape their voices and ideas in preparation for the larger global community. "Lissa's teaching embodies so much of what we stand for as a department," English Department Chair Lucinda Roy said.

Tonya Smith-Jackson teaches a variety of courses at all levels in industrial and systems engineering, with an emphasis on human factors. She has been instrumental in diversifying the ISE curriculum, and has been awarded two Student Success Grants to help students understand how diversity applies to engineering problems, as well as a CEUT Teaching Learning Grant to study cultural ergonomics, which involved travel to the

(See DIGGS on 8)



## PRESIDENT'S AWARDS FOR EXCELLENCE

### *Linda B. Fountaine*

Linda Fountaine, executive secretary/office manager in the Department of History is known as an energetic professional who is a trusted member of the departmental team. Her colleagues say that they can trust her for "great attitude, her willingness to tackle any task, her action, intercession, fairness, follow-up and discretion." These qualities have earned Fountaine the President's Award for Excellence.

She has chaired the Staff Development Committee as the special appointee of the former dean of the Colleges of Arts and Sciences, she has served as coordinator for the College of Arts and Sciences-led support luncheons and she was nominated to the Academic Leadership Academy.

Fountaine has provided expert leadership in the New River Valley Chapter of the International Association of Administrative Professionals and has served for several years as the departmental representative to the College of Arts and Sciences Staff Association.

"She is a treasure, a take-charge person, so skilled and confident that she could efficiently hold down the position of two executive secretaries and manage two departments at the same time," history department Chair Glenn Bugh said. "As chair, I regularly turn to Linda for the voice of reason and honesty."



**FOUNTAIN**

### *Brenda J. Husser*

From office management, supervising support staff, handling personnel actions, budgeting operating resources, course scheduling and most recently, serving as the advisor in the Department of Sociology, Brenda Husser has been described by her colleagues as the "heart and soul" of the department. For such exceptional performance, Husser has received the President's Award for Excellence.

Husser has had and continues to have a significant and positive impact on the department. Faculty members depend on her for her expertise, her knowledge of university procedures and for her suggestions that result in being able to solve a problem that, only a brief time before, seemed unsolvable.

Students simply say "go see Brenda" when they have a question about requirements, a problem with a class or a scheduling problem.

As Carol Bailey, associate professor of sociology noted, "Brenda is, simply put, a wonderful person. I know that I am not alone in enjoying interactions with her. Any time that I have needed anything, she has shown me nothing but good will. Laughter is not uncommon in the office. She listens well and keeps things confidential. I consider her a friend as well as a highly valued colleague."



**HUSSER**

## *President's Award for Excellence recipients are recognized for "extraordinary contributions and sustained excellence . . . ."*

### *Ana Moran*

Ana Moran, Smart Choices Nutrition Education Program (SCHNEP) program assistant in Arlington has received the President's Award for Excellence. She works with a grant-funded nutrition-education program for limited-resource families, implemented through Virginia Cooperative Extension.

Moran is bi-lingual in English and Spanish and does an exceptionally good job in reaching low-income families in Northern Virginia. She is very effective in teaching her clients

research-based food and nutrition information that is mixed with the right amount of empathy and rapport that brings about significant behavior change on their part.

She teaches nutrition classes to senior citizens, has organized health fairs to benefit her clients, provides educational resources to low-income families in the area and organized a monthly distribution of bulk commodity items, in cooperation with the Capital Area Food Bank, so financially disadvantaged families in the area would have enough to eat.

Moran works closely with her clients, teaches them good basic nutrition practices, how to stretch their food stamps and food dollars and how to prepare nutritious meals. Mary McFerren, area program coordinator for EFNEP/SCHNEP said, "Moran has far exceeded the expectations of her job in empowering her clients to get beyond the poverty that they experience. She has a true heart for her clients."



**MORAN**

### *Roberta Snelling*

Roberta Snelling, enrollment services coordinator for the Center for Teacher Education, has received the President's Award for Excellence which will be presented at the annual Faculty-Staff Awards Ceremony.

Snelling was an integral and critical part in the accreditation process of the professional-education programs at the state and national level for the center. Given the context of restructuring and budget reductions, it was of vital importance to the future of this program to have a successful review.

Snelling met every challenge, during this process, willingly and with a warm smile working many hours above and beyond the normal work day in an atmosphere of chaos. Snelling worked at an intensely high level of engagement and she was the "glue" that held the entire process together—both before, during and after the accreditation visit.

Jerry Niles, dean of the College of Human Sciences and Education, said of Snelling's work, "We often comment about how committed staff members are so vital to the success of what we all do. Snelling's contributions for the accreditation visit is a quintessential example of that premise as is the unsolicited affirmation from 12 professionals from across the country that she is 'amazing.'"



**SNELLING**

### *Vicki T. Walter*

Vicki Walter's willingness to work and serve is fundamental to the functioning of the entire university as others see and hear of her unselfish giving and assistance. She serves at the front desk/medical records department of the Virginia-Maryland College of Veterinary Medicine. These qualities have earned her the President's Award for Excellence.

Walter unselfishly gave of her time to assist a colleague with two very young children during a serious illness which subsequently resulted in the colleague's death.

Walter volunteered her time to be a caregiver during several extended hospitalizations, cared for her children and pets, organized fundraisers to help with seemingly insurmountable debts, and after the colleague's death, Walter set up custodial accounts at a local bank for each of the two children. Over a period of several months, Walter helped raise more than \$5,000 in addition to food, clothing and toys for the family.

Hospital Administrator Richard Hiller said, "I have searched my memory in an effort to find another example of such an act of caring and compassion from one human being to another, and I cannot. Walter has done this without fanfare, without expectation of recognition, and I have been humbled by her efforts."



**WALTER**

## ALUMNI AWARD FOR EXCELLENCE IN INTERNATIONAL PROGRAMS

### James F. Marchman III

James Marchman's international aircraft-design program has become a uniquely valuable experience for students, both at Virginia Tech and abroad, and has served as a model for other engineering colleges to use in developing their own international programs. Because of his on-going and innovative contributions to international collaborations, Marchman, professor of aerospace and ocean engineering, has been awarded the Alumni Award for Excellence in International Programs.



MARCHMAN

In 1993 Marchman initiated an aircraft-design collaboration between Virginia Tech students and engineering students at the *«cole des Mines de Nantes* in France. Since 1998, collaborations between Marchman's students and engineering students at Loughborough University in England have resulted in three first-place wins in national student aircraft-design competitions sponsored by NASA.

Supported by funding from the Virginia Tech College of Engineering, Boeing, and the National Science Foundation, Marchman's program has served as a model for other engineering schools seeking to develop international curricula.

"Marchman's program bridges significant differences in the processes of engineering education in the United States and certain other countries, and teaches students how to work effectively with their international peers," said Joseph Schetz, chair of the aerospace-and-ocean-engineering department Awards Committee.

## ALUMNI AWARDS FOR RESEARCH EXCELLENCE

### Diana Farkas

Diana Farkas, professor of materials science and engineering, is a recipient of the Alumni Award for Excellence in Research. An internationally recognized leader in the computational-materials science area, Farkas has authored more than 140 publications in national and international journals.

Farkas is the director of the Center for Modeling and Simulation in Material Science and her research areas include atomistic computer simulation, new intermetallic alloys, defect structures, interfaces and diffusion. Her research sponsors include the Office of Naval Research and the National Science Foundation (NSF).

Farkas is actively involved in improving the methods by which research and curriculum are merged. She was co-principal investigator with Ronald Kriz, associate professor of engineering science and mechanics, on a major grant funded by the NSF to study the combined research and curriculum development of the mechanical behavior of materials. Their research yielded a hands-on approach to incorporating computational materials research into the graduate curriculum, including more than 25 educational modules on mechanical behavior. The new teaching approach enables students to use atomistic simulation codes as a homework tool.

Her work on fracture and deformation of nano-structured materials was featured in *Materials Research Bulletin*, the major general interest publication of the Materials Research Society.



FARKAS

### David Lindsay

David Lindsay, professor of biomedical sciences and pathobiology in the center for molecular medicine and infectious diseases, has been named a recipient of the Alumni Award for Excellence in Research.

Lindsay's research involves studying protozoan parasites of companion animals, livestock, horses and poultry. His research focuses on vaccine development for protozoan parasites, identification of pathogenic mechanisms of protozoal infections and developing treatment-and-control programs for protozoan parasites.

Lindsay has made significant contributions in protozoan diseases of livestock, including being the first to cultivate the parasite *Neospora caninum*. With this discovery he was able to develop tests for the diagnosis of neosporosis, a protozoan disease that affects livestock. He was also the first to develop an immunohistochemical test to recognize parasites in animal tissue.

Recognized as an international authority in human and veterinary parasitology, he has published more than 288 papers, 21 book chapters and one book. He is recognized as an authority on the treatment of protozoal diseases. He is associate editor of the *Journal of Eukaryotic Microbiology* and is on the editorial board of *Veterinary Parasitology*.

"I have known David for more than 20 years and in my 40 years of research experience [I have] not found anyone like him," said J.P. Dubey, a microbiologist with the U.S. Department of Agriculture. "He is a thinker, a doer, and has a great talent for expressing scientific data."



LINDSAY

## ALUMNI AWARDS FOR EXCELLENCE IN EXTENSION

### Samuel M. Johnson

Samuel M. Johnson, an agricultural-and-natural-resources Extension agent, has been awarded the Alumni Award for Excellence in Extension. In his 25 years as an agent, he has supported the farmers and community of Westmoreland County.

Johnson was instrumental in developing the Northern Neck Vegetable Growers Association, which helped to establish the Northern Neck Farmers' Market. Thirty-nine farms participated in the wholesale market in 2001, selling millions of dollars worth of produce. He serves on a regional migrant council that has established educational programs for migrant workers and their families, and works with them on agriculture, health, nutrition and housing issues.

In his Extension work, Johnson has also worked to protect the Chesapeake Bay and improve water quality. He has helped reduce the amount of pesticides in the area by teaching integrated pest management (IPM) to farmers. Using this technique, farmers scout, trap, and identify threatening insects to eliminate the application of unnecessary pesticides.

Johnson is active in publicizing the efforts of the Westmoreland Extension Office by publishing a newsletter, providing articles for the *Westmoreland News*, and provides weekly radio spots. He also promotes nutritional programs, such as a "five-a-day" vegetable-consumption nutrition program with 4-H campers.

"He aggressively seeks out innovative programs and is always willing to do whatever is needed to get the job done," said Regina M. Prunty, Extension agent and unit coordinator in King George County.



JOHNSON

### Michael Lambur

Michael Lambur, professor of agriculture and Extension education and Extension project leader for the department, has almost 20 years of experience specializing in Extension programming. He has provided leadership for major projects such as the Virginia Cooperative Extension (VCE) Planning and Reporting System, the Extension Programming Institute (EPI), and the Higher Ground Project. Because of his efforts and dedication to VCE programming, he has been awarded the Alumni Association Award for Excellence in Extension.

Recognized as a national leader in his field, Lambur was instrumental in establishing the Higher Ground Project, initiated in 1991 at the request of the U. S. Department of Agriculture, which addressed budget deficiencies and overwhelmed staff in many Extension systems. In 1999, Lambur was appointed state leader for Extension educational programming, where he provided administrative and programmatic leadership for the unit and worked to enhance the programming skills and practices of both field and campus faculty members.

He developed the EPI to train new Extension faculty members in identifying, designing, implementing and evaluating Extension educational programs. Eighty-four new field faculty members have been enrolled in the first four years of EPI. Lambur, during his tenure as editor of the *Journal of Extension*, guided the publication into a new electronic format, including an electronic manuscript submission-and-review process.

"I have found Michael to be a highly motivated, conscientious team player who is receptive to new ideas," said Cathy Sutphin, assistant professor in the department and an Extension specialist.



LAMBUR



## VBI

Continued from 1

researchers are pleased to bring genomics and bioinformatics resources to this comprehensive team of scientists that will launch a multi-pronged attack to combat infectious diseases including potential bioterrorism threats. Our goal is nothing short of improving the prevention, diagnosis, and treatment of infectious diseases in regions where they exact the highest tolls."

The mid-Atlantic RCE includes, among others, Virginia Tech, the University of

Maryland School of Medicine, Johns Hopkins University, the University of Pennsylvania, and the University of Virginia.

"Infectious diseases have become a harsh reality, and our ability to detect and counter this danger depends on having reliable, up-to-date knowledge," President Charles Steger said. "With the creation of this regional center, priority research will be expedited so that important discoveries in this area can advance as quickly as possible."

The mid-Atlantic RCE, one of eight regional centers of excellence for biodefense and emerging infectious-diseases research announced today, is a key element in its strategic plan for biodefense research. The regional centers will focus on developing new and improved comprehensive therapies, vaccines, and diagnostics, to combat the threat of bioterrorism and other emerging and re-emerging diseases.

For more information about VBI, visit <https://www.vbi.vt.edu>.

## FACIAL-RECOGNITION

Continued from 1

Virginia Tech's current biometrics-related research.

"Success or failure, as with anything, is in the details," Jones said. "If we are technically capable of insuring no one can get through a security gate unless the person has plastic surgery," then biometrics technology has climbed to a higher level.

Abbott agreed with Jones' assessment. "The questionable accuracy of today's systems produces too many false alarms, and the facial-recognition systems are notorious for not being valid. We need new and better algorithms and theories to focus on the problem, and we need better software.

"We have good cameras and low cost computers, but the algorithms are the hard part. We need to combine statistical analysis with more artificial-intelligence analysis."

## TECHNOLOGY TEAM

Continued from 3

students travel virtually around the world, examining how engineering knowledge has varied over time from place to place.

The CD includes six modules, each based on a country's perspective of engineering. The CD's represent France, Germany, Great Britain, Japan, Russia and other former Soviet countries and the United States. Through these modules, students learn to recognize and value the diverse perspectives of other cultures and eras. The flexible modular design of the CD's makes them easily adaptable for a number of educational settings and purposes.

The other award recipients are Jeff Dalton, Bryan Hey, Lance Huff, Doug Whorley, Brent Jesiek, Thomas Bigley, Chris Hays, Jonson Miller, Jane Lehr, Donna Whitmarsh, Heather Harris, Theresa Jurotich, Amy Nichols-Belo and Wyatt Galusky. Harden and Downey are accepting the award on behalf of the team.

## SOLAR TEAM

Continued from 3

other schools in the Department of Energy's Solar Decathlon design competition. It was exhibited at the National Mall in Washington, D.C. and took fifth place in the competition. One hundred and twenty undergraduate and graduate students were involved in the project.

The project immersed students in an interdisciplinary environment where they had to use the latest technology to solve complex problems. Students also had to develop a communications plan, a web site and other materials to effectively explain the solar energy and efficiency technologies used in the house. Students and faculty members from five departments and two colleges worked individually, in teams and side-by-side as a group to expand their knowledge and to develop innovative strategies of design research and application.

The other award recipients are Robert Dunay, James Jones, Michael O'Brien, Matt Lutz, Mehdi Setareh and Clive Vorster, all in the College of Architecture and Urban Studies.

## NEW

Continued from 1

future needs.

"It is important that we take this opportunity to look at ourselves, to assess who we are and where we want to go in the future. The college will have to leverage the resources it has, look at reinvestments and leverage this with external resources. I know the university

## DIGGS

Continued from 5

University of Ghana-Legon to observe safety and culture among workers in West Africa.

Smith-Jackson has been actively involved with senior design teams and integrates undergraduates with graduate students in the laboratory. Last year the students awarded her the Best Lecturer and Most Dynamic Professor Awards.

"In the three years she has been in our program, Smith-Jackson has distinguished herself as both an excellent teacher and mentor," said Michael Deisenroth, head of the English department.

## EMPLOYMENT

The following classified positions are currently available. Position details, specific application procedures/position-closing dates may be found on Personnel Services web site <http://www.ps.vt.edu>. Positions are also listed on the Job Line, a 24-hour recorded message service. For information on all job listings, call 1-5300. Some positions include state benefits. Positions with numbers beginning with "W" are hourly and do not include state benefits. Individuals with disabilities desiring assistance or accommodation in the application process should call by the application deadline. Closing date for advertised positions is 1 p.m. Monday. An EO/AA employer committed to diversity.

## FULL TIME

**Administrative Assistant**, 002025M, PB 2, CVM.  
**Administrative Assistant**, 008197M, PB 3, BSE.  
**Anesthesia Technician**, 008097C, PB 4, VTH.  
**Associate Director of Facilities Management**, 008175H, PB 5, Student Programs.  
**Building Engineer**, 002251Y, PB 4, DBHCC.  
**Business Manager**, 000095H, PB 5, Student Programs.  
**Capital Budget Manager**, 007995S, PB 5, BFP.  
**Computer Systems Engineer**, 004533B, PB 5, AOE.  
**Computer Systems Engineer**, 008194M, PB 5, BSE.  
**Director of Finance/Budgets**, 008198B, PB 5, Engineering.  
**Executive Chef**, 007008H, PB 4, Dining Services.  
**Facilities Safety Inspector**, 001874F, PB 4, Physical Plant.  
**Financial Resources Utilization Policy Specialist**, 008190S, PB 4, IPO.  
**Food Production Manager**, 00000562H, PB 4, Student Programs.  
**Food Service**, W023201H, PB 1, Student Programs.  
**Furnishings Manager**, 007291H, PB 3, Student Programs.  
**Housekeeping Supervisor**, 000944H, PB 2, Student Programs.  
**Housekeeping Worker**, 000748H, PB 1, Student Programs.  
**Housekeeping Worker**, P002005G, PB 1, Physical Plant.  
**Laboratory Specialist**, 007439M, PB 3, Biochemistry.  
**Laboratory Specialist**, 008192K, PB 3, VBI.  
**Laboratory Technician**, 008196M, PB 2, CVM.  
**Material Expediter**, 007477F, PB 3, Physical Plant.  
**News Bureau Manager**, 007195S, PB 3, University Relations.  
**Parking Enforcement Officer**, 007653S, PB 2, Parking Services.  
**Powerline Worker**, 006524F, PB 3, Facilities.  
**Pre Award Administrator**, 003116B, PB 4, Sponsored Programs.  
**Program Support Tech**, 007511Y, PB 3, Economic Development.  
**Program Support Technician**, 008188M, PB 3, FWS.  
**Program Support Technician**, 007143Y, PB 3, HTM.  
**Research Specialist**, 008131C, PB 3, CSES.  
**Research Specialist**, 008195M, PB 4, CSES.  
**Secretary Senior**, 002022M, PB 2, CVM.  
**Small Animal ICU Technician**, 008095C, PB 4, VTH.  
**Sous Chef**, 002946H, PB 3, Student Programs.  
**Staff Internal Auditor**, 007794S, PB 4, IAMS.

**Telecommunications Network Technician**, 006965A, PB 3, CNS.  
**Unit Manager**, 007961H, PB 5, Student Programs.

## PART TIME

**Administrative Assistant**, W023527K, PB 2, VBI.  
**CNS Receptionist**, 000187A, PB 2, CNS.  
**Fiscal Technician**, W022228S, PB 3, Provost—Administration.  
**Health/Activity Assistant**, W022916B, PB 3, ADS.  
**Interpreter/Captionist for Deaf**, W022842S, PB 3, SSD.  
**Marketing Assistant**, W023546H, PB 3, Student Programs.  
**Nutrition Support Technician**, W023595M, PB 3, CVM.  
**Office Services Specialist**, W022498B, PB 2, Computer Science.  
**Office Services Specialist**, W022322S, PB 2, Undergraduate Admissions.  
**Quarry Mason**, W023368F, PB 3, Physical Plant.  
**Radiologic Technologist**, W022238M, PB 3, Schiffert Center.  
**Research Specialist**, W023594M, PB 4, CVM.  
**OFF CAMPUS**  
**4-H Efnep Program Assistant**, 005845M, PB 2, VCE—Newport News.  
**4-H Scnep Program Assistant**, 005889M, PB 2, VCE—Alexandria.  
**4-H Scnep Program Assistant**, 005819M, PB 2, VCE—Wise County.  
**4-H Scnep Program Assistant**, 006820M, PB 2, VCE—Norfolk City.  
**4-H Scnep Program Assistant**, 007464M, PB 2, VCE—Fairfax County.  
**4-H Youth Program Assistant**, 007233M, PB 2, VCE—Arlington County.  
**Adult Efnep Program Assistant**, 005899M, PB 2, VCE—Hampton.  
**Adult Scnep Program Assistant**, 006942M, PB 2, VCE—Isle of Wight County.  
**Director of Nursing**, 002178M, PB 4, EMC.  
**Efnep Adult Program Assistant**, 008193M, PB 2, VCE—Albemarle County.  
**Efnep Adult Program Assistant**, 006101M, PB 2, VCE—Arlington County.  
**Efnep Adult Program Assistant**, 005950M, PB 2, VCE—Arlington County.  
**Efnep Program Assistant**, 008008M, PB 2, VCE—Fairfax County.  
**Nursing Shift Supervisor**, 002996M, PB 2, EMC.  
**Office Assistant**, 004125M, PB 2, ESAREC.  
**Program Support Technician**, 006427M, PB 3, VCE—Southwest District.  
**Scnep Adult Program Assistant**, 006586M, PB 2, VCE—Giles County.  
**Scnep Adult Program Assistant**, 006598M, PB 2, VCE—Prince Edward County.  
**Scnep Program Assistant**, 006605M, PB 2, VCE—Orange.  
**Scnep Program Assistant**, 006806M, PB 2, VCE—Fauquier County.  
**Student Support Assistant**, 002209S, PB 3, NVC.  
**Unit Administrative Assistant**, 006211M, PB 3, VCE—Hanover County.  
**Wildlife Worker**, 006643B, PB 2, Biology.

will support the college in these efforts as we plan for the future."

Quisenberry takes over the college leadership from Andy Swiger, who retired last January. Dean Greg Brown served as interim dean until Quisenberry's arrival.

Before serving as dean at Montana State for four years, she headed the Department of Entomology at the University of Nebraska-Lincoln. She has also served on the faculty at the University of Nebraska, University of Idaho, Louisiana State University, and Iowa State University.

Quisenberry's own research focused on plant/insect interactions and plant resistance to insects, and she is recognized both nationally and internationally as an expert in those areas. She has published more than 165 professional papers and lectured at more than 90 international, national, and regional professional meetings.

During the past three years of her leadership, the College of Agriculture at Montana State attracted more than \$52 million in grants and contracts and \$5.1 million for

## FACULTY POSITIONS

## INSTRUCTIONAL

**Department of English. Assistant Professor in Ethnic Literature, secondary interest in Literature/Law.** Contact Lucinda Roy, 1-8466.

**Department of English. Assistant Professor of Professional Communication/Rhetoric.** Contact Lucinda Roy, 1-8466.

**Department of English. Associate Professor/Professor of Composition/Writing Center Director.** Contact Lucinda Roy, 231-8466.

**Virginia-Maryland Regional College of Veterinary Medicine. Assistant/Associate Professor in Large Animal Surgery.** Contact Craig D. Thatcher (0442).

## NON-INSTRUCTIONAL

**University Development. Director of Development for University Libraries.** Contact Rhonda K. Arsenault (0336)

**Biochemistry Department. Research Associate.** Contact Katherine Phillips, [kmpvpi@vt.edu](mailto:kmpvpi@vt.edu)

**Virginia Cooperative Extension, Extension Agent, Family/Community Services, Louisa County.** Contact Eleanor Schlenker (0437).