Board confers special rank on 10 distinguished scholars

By Larry Hincher

The Board of Visitors has conferred the special rank of university distinguished professor on nine faculty members and appointed one alumni distinguished professor.

The UDP status is conferred for exceptional achievements and performance over a career in which faculty members have been recognized nationally and internationally. University policy allows up to one percent of the faculty to be university distinguished professors.

Alumni distinguished professors have a record of scholarship and service to their disciplines, but are selected in particular for their contributions to the instructional program and their influence on the lives of generations of Virginia Tech students.

Robert J. Bodnar, UDP, Geological Sciences. Bodnar’s peers now rank him as the leading fluid-inclusion expert in the world. His research on the properties and roles of fluids in natural and synthetic materials is multi-disciplinary, and combines geology, geochemistry, physical chemistry, and planetary, materials, and environmental sciences. His advice is sought by US government agencies and by similar agencies in other nations across the world.

Bodnar’s has published more than 80 published scientific papers, more than 240 published abstracts of conference presentations. His grants total more than $37 million from NASA, NSF, DOE, Argonne National Laboratory, and many private corporations. He has received the Leland Award for research, which represents an outstanding contribution to economic geology, the NSF Presidential Young Investigator Award, and the Virginia Tech Alumni Award for Research Excellence.

Harold E. Burkart, UDP, Forestry. Colleagues internationally recognize Burkart as one of the world’s leading forest biometricians. The quality and quantity of his publications over several decades, his leadership among researchers in the field worldwide, and his mentorship of numerous graduate students have shaped the study of forest growth and yield.

His work has been recognized with numerous awards and honors. As early as 1981, he received the scientific achievement award, given every five years by the International Union of Forestry Research Organization (IUFRO). He is co-author of a textbook, Forest Measurements, now in its fourth edition, that is required reading for nearly every undergraduate student in forestry.

Nikisio Giovanni, university distinguished professor, English, Nikki Giovanni, professor of English and Gloria D. Smith professor of black studies, is widely considered to be one of America’s foremost contemporary poets, writers, and public speakers. Her work in poetry, essays and fiction and her public appearances have made her into a world-renowned literary and public figure.

Giovanni, who joined Virginia Tech in 1987, is known as an outstanding teacher of English, creative writing, black studies, humanities, and honors colloquia. She has written 29 books, published scholarly articles, written 113 essays, poems, and short stories, and made nine recordings. A partial list of Giovanni’s awards and recognition includes grants from the FoodFoundation and the National Endowment for the Arts, and 14 honorary doctorates.

David Kingston, UDP, Chemistry. Kingston, who joined the university and the Department of Chemistry in 1971, is a natural-products chemist whose research focuses on discovering and isolating anti-cancer drugs from biological sources. Peers call him “one of the top few natural-products chemists in America,” and confirm that his is a nationally and internationally recognized scholar in this field.

He began his ground-breaking research on the drug taxol in 1980 and established the foundation for all subsequent taxol research in biology, chemistry and medicine. He has received more than $10 million in external funding from prestigious sources such as the National Science Foundation, the National Institute of Health and the Food and Drug Administration. He has published more than 199 refereed articles and 18 invited chapters. He holds 12 American patents.

This year, he received the prestigious Research Achievement Award from the American Society for Pharmacognosy.

Fred C. Lee, UDP, Electrical and Computer Engineering. Lee had occupied the Louis A. Hester Chair in the Bradley

VT Foundation purchases Heavener property

By Larry Hincher

The Board of Visitors has endorsed a plan where the Virginia Tech Foundation will purchase a parcel of land within the university campus, the so-called Heavener property, for $1.15 million.

If the Blacksburg Town Council approves a corollary plan, this action will resolve the dispute between the university, the town, and a private developer over the ultimate use of the property. It also will make moot the lawsuit currently before Montgomery County District Court concerning title ownership of Barger Street.

Under the proposed plan, the town would vacate its interest in streets and alleys currently within the university campus including Barger Street, Old Turner Street, Perry Street, and any interior alley ways. In return, the university would deed to the town that portion of Main Street from College Avenue to Alumni Mall.

BIG EAST UPDATE

Virginia Tech will become a full member of the Big East Conference beginning with the 2001-02 academic year. The university conducts varsity programs in 15 Big East sports.

Additional details of the conference membership will be reported in Spectrum following a September 23 news conference.
**SEMINARS**

Friday, 27

Materials Science and Engineering, 5 p.m., 114 Holden.
S.S. Ibnat, Oak Ridge National Lab.

Monday, 30

Biochemistry, 4 p.m., 223 Engel. Sherry Carty, Duke.

Thursday, 2

Statistics, 3:45 p.m., 409 Highlands: Pat Dariken.

Friday, 3

Highlands in Chemistry, 11 a.m., 3 Davidson: Drexler Hall.
North East Lines Institute.

**BULLETINS**

Ergonomics workshops set for October
Commonwealth and Environmental Health and Safety Services are training up on Ergonomics. Workshops will be held on Oct. 11, Oct. 31, and Oct. 17 at the DONALDSON Commons.

Evaluation training to be offered
Personnel Services is currently preparing for the 1999 performance-evaluation process. Supervisors may begin evaluating their employees August 1. Completed performance evaluations are due in Personnel Services by 5 p.m., Friday, Oct. 1.

Funds needed for earthquake victims
The Turkish Earthquake Relief Fund, American Red Cross (tax deductible), P.O. Box 37243, Washington, D.C.

**ACADEMICS**

The English Language Institute of Virginia Tech is seeking emergency relief contributions for earthquake victims in Turkey. Funds are needed for shelter, water, food, and medical supplies. Checks should be sent to The Turkish Earthquake Relief Fund, American Red Cross (tax deductible).

**EVENTS**

**FRIDAY, AUGUST 27, 1999**

**ACTIVITIES**

**SPECTRUM**

**SEPTMBEPR**

Wednesday, 1

Salary and Wage Paydate. YMCA Open University Registration, 10 a.m.–5 p.m., War Memorial Hall.

Celebration of Diversity, 7 p.m., Squires Commonwealth Ballroom.

"With Good Reason," 7 p.m., WVTI: Topic TBA.

Thursday, 2

YMCA Open University Registration, 9 a.m.–6 p.m., YMCA Office.

Friday, 3

YMCA Open University Registration, 9 a.m.–6 p.m., YMCA Office.

**BULLETIN**

**SPECTRUM**

**Events**

Friday, 27

Last Day to Add.

Saturday, 28

YMCA Hike, 1 p.m., meet at 403 Washington St.: Sinking Creek.

Monday, 30

YMCA Open University Registration, 11 a.m.–7 p.m., University Mall.

Tuesday, 31

YMCA Open University Registration, 11 a.m.–7 p.m., University Mall.

Tuesday, 31

Faculty Senate, 6 p.m., German Club.

**Modem pool changes take effect Monday**

The recently advertised change of the Virginia Tech modem pool access system (also referred to as "acaeus" or the new authentication system) will be implemented Monday, Aug. 30.

Most users will continue to install new software, but current settings must be changed. To ensure uninterrupted access to the modem pool, make needed changes in the log-in process prior to August 30. They will work with the current system as well as the new "acaeus" system.

This access change does not affect on-campus (including residence hall) Ethernet users. Questions about modem-pool software-configuration changes should be directed to 1-9387. Questions about the modem pool should be directed to CNS at 1-6780.

**Internet Day announced**

On September 17, Virginia Tech will host an Internet (ID) Day at the DONALDSON Commons. Activities will be held from 9 a.m. to 5 p.m.

The event is free and open to the public. Attendance is free. 12 ID Day is part of a week-long program called Virginia Internet Technology 99, presented by the Blacksburg Electronic Village.

For more information, including an agenda, refer to http:// www.vev.org or 1-9387.

**One-day class in HTML offered**

The Blacksburg Electronic Village is offering a one-day class in basic HTML for faculty and staff members October 20, at the BEV Office.

The cost of the day-long workshop is $160. Contact Roy Jones at rjones@vt.edu, or 1-9448.

**Transportation and Parking announces important changes**

In response to faculty and staff requests, the Drillfield now has reserved parking for F/S (family) vehicles 24 hours Monday–Friday. 7 a.m.–5 p.m. The extended evening hours apply to all F/S spaces on the Drillfield.

If faculty and staff members do not make use of the spaces during the extended hours, the enforcement hours will revert back to Monday–Friday, 7 a.m.–5 p.m. following the trial period. The TA spaces in the President’s Lot (behind Hillcrest Hall) have been moved to the frontline of C-Lot, facing Wallace Hall.

Parking permit prices have increased. FY 99 parking permits now cost $55/year and $28/semester. Parking ticket fees have also increased. Unauthorized use, no-parking zone, parking in a roadway, yellow line, overtime parking, and other violations have increased to $20. Expired-meter violations have increased to $35.

Special Event Parking Coordination

Special-events planner who anticipate more than 100 visitors should request Special Event Parking. Event parking permits are available in Personnel Services.

**Achievers**

The following university individuals, departments or organizations are being recognized as achievers. Lee H. Dorny, Residential and Dining Programs, WVTI, Tom Tillar, and Paul L. Knox, YMCA Open University Registration, announced regarding their achievements in a online edition of Spectrum at http://www.vev.org/1021/News/ Spectrum/.

EI LI seeks family hosts

By Catherine Doss

The English Language Institute of Virginia Tech is seeking individuals and families in the community willing to offer home-stay experiences to international students who are studying English in Blacksburg. Home stays are flexible arrangements that may last as short as two weeks or as long as several months, depending upon a mutual agreement between the student and host. Home-stay students pay room and/or board, also agreed upon between the student and host.

*Home-stay hosts meet highly motivated (See EI LI on 4)

**New Applies Process**

A new Parking Appeals Subcommittee (PAHSC) has been established for a one-year trial period during the 1999-2000 academic year. The PAHSC, consisting of faculty and staff members, will make the final decision on all second-level appeals of parking tickets. The PAHSC will be comprised of the following members:


**Evaluation training to be offered**

Personnel Services is currently preparing for the 1999 performance-evaluation process. Supervisors may begin evaluating their employees August 1. Completed performance evaluations are due in Personnel Services by 5 p.m., Friday, Oct. 1.

In addition, open-enrollment sessions are scheduled Wednesday, Sept. 8 from 1-5 p.m., and Thursday, Sept. 9 from 6-9 p.m. at the DONALDSON Commons. Questions about the modem pool should be directed to CNS at 1-6780.

**Ergonomics workshops set for October**

Common Health and Environmental Health and Safety Services are training up on Ergonomics. Workshops will be held on Oct. 11, Oct. 31, and Oct. 7 at the DONALDSON Commons.

**New APPLY process**

A new Parking Appeals Sub-
Available positions

Director for Public Affairs.

FRIDAY, AUGUST 27, 1999 SPECTRUM 3

Internet tech week set for September 13-17

By Susan Treadler

The Internet Technology Innovation Center (Internet TIC) will host a week-long conference showcasing the latest Internet technology developments and offering extensive professional development opportunities—from creating user-friendly websites and software; to predicting the impact and opportunities of the next generation of the Internet; to responding to security and privacy concerns. The conference will be September 13-17 at the Donelson Brown Hotel and Conference Center.

Virginia’s Center of Innovative Technology established the Internet TIC last year to enhance the state’s IT business environment. Internet TIC has been assisting individual companies, determining needs, and creating resources. The conference is the center’s first major program and will become an annual event.

Opening day, Monday, Sept. 13, will feature presentations by government and industry leaders. U.S. Representatives Rick Boucher and Robert Goodlatte, who chair the Internet Caucus, will discuss Internet Economic Development Opportunities and Current Federal Legislation.

The business and industry perspective on Internet opportunities will be presented by Harris N. Miller, president of Information Technology Association of America, and Mary Miller, president of Interactive Design and Development, Inc. ETAD, based in Arlington, is the only trade association representing the U.S. IT industry, with more than 11,000 direct and affiliate members.

Tuesday through Thursday will be devoted to a choice of full-day and half-day professional development sessions by faculty members from George Mason University, the University of Virginia, and Virginia Tech. Offerings include:

Tuesday: Electronic commerce by Alf George, web-site usability by Rex Horton and Deborah Rea, wireless network technology by Scott Midkiff, Internet by Jeffrey Cowdrey and Carl Harris, networking by Marc Abrams, security protocols by Ravi Sandhu, and digital libraries by Ed Fox.

Wednesday: Internet broadcasting by Blair Fuller, interactive multi-media on the Internet by Fox, knowledge management by Stephen Ruth, training in cyberspace by Stephen Ruth, Web technology by Abrams, Internet regulation by Janine Hillier and privacy by Hillier and France Belanger, and economic development in the information economy by Andrew Cohill.

Thursday: Lessons learned from electronic commerce by Brad Allen, Internet marketing by Sheila Wexler, introductory and advanced Java technology by Demot Kafura and Clifford Shaffer, web-user interface technologies by Abrams, a low-cost method for opening a virtual site by James Hicks, and optical-fiber-communications technology by Ira Jacobs.

Luncheon speakers will be Thomas H. Guerdige of the Institute of Public Policy and the Policy Analysis Center at George Mason University, who will speak on “International E-Commerce” on Tuesday; Charles Bostian, director of the Center for Wireless Telecommunication at Virginia Tech, speaking about the wireless spectrum on Wednesday; and Dana G. Coltrin, vice president and general manager of Xcom Biotech, new professor of computer science at Virginia Tech. Speakers will be Douglas E. Van Hourville, and Dana G. Coltrin.

Vet Med symposium series set

By Jeffrey S. Douglas

The Virginia-Maryland Regional College of Veterinary Medicine (V-MRVM), the Medical College of Virginia (MCV) and the Maryland Veterinary Medical Association (YVMA and MVMA) have announced plans to present three annual symposiums designed to explore linkages between human and veterinary medicine over the next three years.

The Virginia series, entitled “The Bridge Between Veterinary Medicine and Human Health,” has been created to generate increased professional and public awareness of the therapeutic aspects of human/animal interaction, health threats posed by human/animal interaction, and public health and food safety issues related to human/animal interaction.

“Physicians and veterinarians recognize the benefits of animal companionship and both are concerned with zoonotic diseases, food-safety issues, biomedical research and the complex interdependencies between people and animals,” said M. Craig Wold, president of V-MRVM.

“By presenting this series of symposiums we hope to bring together veterinary and human health professionals to address the common issues that we face as individuals and as a society,” said Jane J. Miller, assistant dean of MCV.

“Presentations by veterinary and human health professionals will provide participants with a forum to share information and ideas regarding these issues,” stated Lee E. Sanders, president of the Virginia-Maryland Veterinary Medical Association.

Applications are due by September 2. Review begins November 1.

INSTIUTIONAL

Department of Large Animal Clinical Sciences.

Avenue Associate Professor, Equine Clinical Sciences.

Contact: Craig D. Treadler, Department of Large Animal Clinical Sciences. (540) 296-6556. Review begins November 1.

NON-INSTRUCTIONAL


FRIDAY, AUGUST 27, 1999 SPECTRUM 3
SPECTRUM FRIDAY, AUGUST 27, 1999

OBITUARIES

Michel Van Aerde, 39
Michel Van Aerde, 39, professor of civil engineering and director of the Center for Transportation Research (CTR), died August 17.

EDITORIAL

Continued from 1

cally generated by the university, and a commit-
ment to more aggressively use the capabilities of
the Internet in publishing an electronic edition of
Spectrum. The printed edition of Spectrum (on an
improved grade of paper) will continue to con-
tain many of the same features, such as news
stories, human interest items, and features and
information. Some features, such as Newsmakers
and Achievers will be billboarded in the printed
edition with full information listed in the elec-
tronic edition. Feature stories will often be pub-
hished in this manner.

The electronic edition of Spectrum is a work in
progress. It is derived from the items published in
the printed edition, plus the afore-mentioned full
listings of Achievers and Newsmakers, and fea-
tures. The electronic edition will also allow us to
cover important late-breaking stories and offer
improved internal communications service to the
university community. We think the possibilities
offered through electronic publishing are so very
well suited to the goals of the university as it pre-
pared to enter the Twenty-first Century.

The current address for the electronic edition
is http://www. ece. va. edu/ 1002/ news/ Spectrum/.

Please note that the “S” is capitalized. We
hope you’ll bookmark the address and look for
expanded and improved campus news coverage.

John Ashby, editor

VET MED

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The Septe

Continued from 2

Continued from 2

BOARD

Continued from 2

and Pi Sigma Alpha, the political science honor
society.

Luke is also one of the founding leaders in
the campus Cyberschool effort. He has been
actively involved in development of Virginia
Tech’s information-technology initiatives,
including the Institute for Distance and
Distributed Learning, of which he is now
director.

Thomas H. Offendid, UDP, Psychology.
Offendid has gained an international reputation
in clinical psychology, and is considered to be
the world’s foremost researcher in children’s
anxieties and fears. His research focuses on the
development, articulation, and application of
social learning theory to child behavior disorders.
Offendid has received many awards and
recognition for excellence in clinical child
psychology, including the National Mental Health
Award and the American Psychological
Association Award for Distinguished Research
Contributions. Good Morning showing named him
among the top 30 child psychologists in the U.S.
He will serve as scientific chief for the World

El 2001 co-authored 20 books, has published
50 book chapters or reviews and over 200 journal
articles, and has made more than 400
presentations at professional meetings. He
initiated the Senior Seminar in Clinical Psychology
and presently serves as director of the
Child Study Center. He has chaired committees
for the NIMH and American Psychological
Association, and is currently President of Society of Clinical Psychology.

Luke 2001, UDP, Electrical and
Computer Engineering, Phd.

The use of the global-positioning satellite system for
use in monitoring the condition of power systems
and improving their reliability, a technique
that has received widespread acceptance by the
power industry in little more than a decade.
He was named a fellow of the IEEE in 1991 for his
contributions to the application of digital
computers to power systems and has received
numerous awards from the IEEE for his
research and educational contributions to the
field. He was elected to the prestigious National
Academy of Engineering in 1995, and the
American Academy of Arts and Sciences in 1996.

He has authored or co-authored more
than 80 technical articles in journals. He
has also contributed to numerous handbooks, chapters, and technical
reports.

Garth L. Wilkes, UDP, Chemical
Engineering, Wilkes is currently director of the
Materials Engineering Science interdisciplinary doctoral graduate program.
He has been co-director of the Polymer
Materials and Interfaces Laboratory at Virginia
Tech since he co-founded it in 1978. This body
has developed national as well as international
viability in the field of polymer science and
engineering. Virginia Tech’s graduate polymer
program was ranked fifth in the nation in terms
of polymer programs in the recent U.S. News
and World Report evaluation of graduate
schools.

Wilkes research expertise is focused on the
material characteristics of polymeric
materials, such as polymeric glasses, elastomers, semicrystalline thermoplastic
blends, liquid crystalline polymers,
thermosets and related materials, and biological systems such as skin and collagen and others.
He is also particularly known for his initiation of the field of ceramic and glass/organic/nano
genic material. He holds six patents and numerous of these related to the new hybrid
material.

His work has been recognized with a number of awards, including the
Creative Polymer Chemistry Award in 1987 by the American Chemical
Society and the Virginia Alumni Award for Research Excellence in 1989 by Virginia Tech.

Bukhema, a professor of biology, was first
recognized for his teaching skills after
joining Virginia Tech in 1971, when he
received the College Award for Teaching
Excellence. He has been selected to receive the
Spor Award for Excellence in Teaching in
the School of Biomedical Sciences and
the Virginia Alumni Teaching Excellence
Award.

Bukhema is responsible for many teaching
innovations, including breaking the “credit-
for-contact” paradigm in the biological
sciences, introducing human writing-intensive course, integrating biology and
literature, and coordinating the first
undergraduate science course at Virginia Tech, developing an on-line
Bukhema actively promotes the use of
technology in teaching through courses of
classroom and laboratory materials and
teaching, through departmental and campus
leadership, and by recently publishing his book
on Plain Talk about Teaching on the Web.

INTERNET

Continued from 3

president and CEO, UCAID, University
of Michigan, and Ted Hans, director, UCAID,
on “An Overview and Applications for
Internet”, Crowder on “Internet Projects,” and
Eaving Blythe on “Advances in Communications
of the Future.”

Craig Wynn, CEO of Value America, Inc.,
of Charlotteville on how to use the Internet
as a tool for marketing. Wynn will be the keynote
speaker on Friday. The company is an on-line
retailer of computers, electronics, and other
products.

There is a charge for the first four days’
program. Internet Day fee is but still requires
registration. For more information, visit http://
bnova.cs.vt.edu/vis/.