

SPECTRUM

Virginia
Tech
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

VOLUME 21 NUMBER 30 THURSDAY, APRIL 29, 1999

TODAY'S EDITION

See page 2
for promotion-and-
tenure information.

Board adopts American history academic requirement

By Larry Hincker

The Virginia Tech Board of Visitors has adopted a requirement that all Virginia Tech graduates have a "significant knowledge of American history." The requirement begins for students entering in fall of 2001.

"Critical concepts of American history are necessary for responsible citizenship and participation in a democratic society," said Heywood Fralin, chair of the board's Subcommittee on Academic Affairs.

Students will be able to satisfy the requirement in many ways. Some may demonstrate college-level proficiency

through pre-college coursework and others will take classes at Virginia Tech.

"The objective is to ensure that Virginia Tech graduates have a significant level of competency in American history. If they already have these proficiencies, as many of our students do, they can test out," said Peggy Meszaros, university provost and senior vice president.

Students can demonstrate knowledge of the American history material by achieving a high score on the Virginia Standards of Learning achievement test (exact score to be determined), through equivalent reporting from other states, through U.S. History advanced placement or History SAT II, through testing developed and

administered by Virginia Tech, or through a program of instruction at Virginia Tech.

If students can not demonstrate the expected achievement level, they must take the university's existing two-semester American history sequence, or take the university's on-line American history course (currently under development), or transfer an acceptable course from another college or university, or complete other Virginia Tech courses that are deemed to satisfy the requirement for U.S. history.

"Our History Department faculty members are currently developing a self-paced on-line American history course and a university proficiency test that could serve in lieu of other

types of tests," said Ron Daniel, associate provost for undergraduate programs. The on-line course currently is envisaged as a one-semester-long exploration of American history that students could take without impacting other requirements of the core curriculum.

Proficiency tests conducted are expected to be conducted this fall to reveal the extent to which new programs might be needed. Then several pilot programs will be conducted and evaluated during Fall 2000 semester to accommodate the Fall 2001 implementation date.

BOV honors Chichester, Hickam

By Larry Hincker

The Virginia Tech Board of Visitors has granted the 1999 University Distinguished Achievement award to Virginia Senator John H. Chichester of Fredericksburg.

Chichester, the Virginia Republican Party's senior senator, represents Virginia's 28th Senatorial District. He currently co-chairs the Senate Finance Committee and serves on three other committees: Agriculture, Conservation and Natural Resources, Commerce and Labor, and Education and Health.

Chichester attended Virginia Tech in the 1950s. Through his alumni status he has remained close to the university and higher education. He currently serves as treasurer of the Southern Regional Education Board (SREB) and he chaired the Commission on the Future of Higher Education in Virginia, which completed its work in 1996.

(See BOV on 8)

Forestry name changed; now Natural Resources

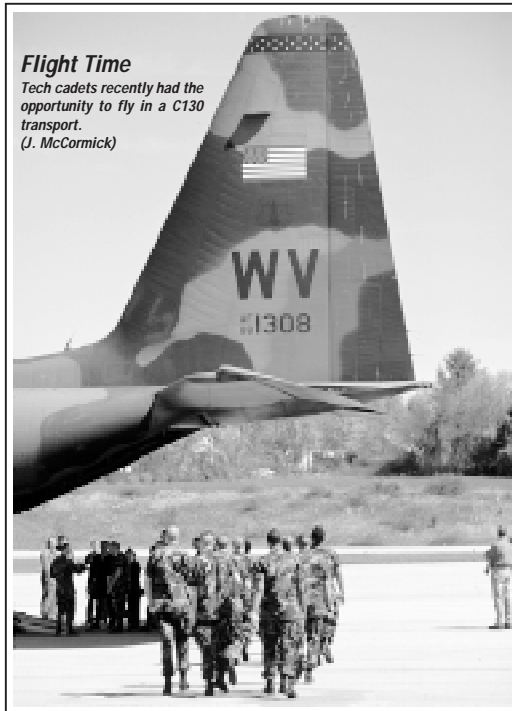
By Lynn Davis

The Board of Visitors has unanimously approved a name change for the College of Forestry and Wildlife Resources to reflect more accurately its mission amid the changing times. Effective May 24, the college will be called the College of Natural Resources.

College Dean Greg Brown said, "Our name has served us well for many years. Times and public perceptions, however, change, and I am confident that as we enter the 21st century, our new name will provide the college with more visibility while not diminishing any of our respective programs."

The name change went through the col-

(See FORESTRY on 8)



Domenech chosen to speak May 16 at Northern Virginia Commencement

By Carolyn Fray

Daniel A. Domenech, superintendent of Fairfax County Public Schools, the nation's twelfth largest school system, will be the Commencement speaker at Virginia Tech's Northern Virginia Center ceremony on Sunday, May 16, at 7:30 p.m.

The ceremony will be held at the Hilton Alexandria Mark Center, 5000 Seminary Road. Domenech will address the challenges and goals for public schools in the 21st century including school funding, the role of technology, and meeting the expectation for increased academic achievement for all students.

(See DOMENECH on 5)

Mitchell to speak at Graduate Commencement

By Julie Kane

University Distinguished Professor James K. Mitchell of the Via Department of Civil and Environmental Engineering has been chosen to speak at the 1999 Graduate Commencement ceremony on May 14. The event will be held at 4:30 p.m. in Cassell Coliseum.

Mitchell, who was elected a member of the National Academy of Engineering in 1976, joined the Virginia Tech faculty in 1994 as the first Charles E. Via Jr. professor of civil engineering. He came to Tech from the University of California at Berkeley, where he held an endowed chair and conducted research in both the Institute of Transportation Studies and the Earthquake Engineering Research Center.

Mitchell had been on the Berkeley faculty since 1958, after receiving his doctor of science from the Massachusetts Institute of Technology in 1956 and serving on active duty in the U.S. Army Corps of Engineers.

(See MITCHELL on 5)

Presidential Search Forum Scheduled for Saturday

The Virginia Tech Presidential Search Committee will hold a public forum Saturday, May 1, to hear comments from faculty and staff members, students, alumni, and the general public on factors to be considered in conducting the search, and the criteria by which presidential candidates should be evaluated.

The forum will be held in Squires Brush Mountain Room from 9:30 a.m. to noon.

Individuals interested in speaking at the forum must sign up to speak by April 30. To register, contact the search-committee office at 1-5695 or e-mail madigan@vt.edu. Speakers will be limited to five minutes.

PROMOTION, TENURE, CONTINUED APPOINTMENT, AND ADMINISTRATIVE PROMOTION LISTING, 1998-99

Promotion with Tenure to Associate Professor, Collegiate Faculty

Gregory Amacher, forestry; Sheryl B. Ball, economics; Jan H. Bohn, mechanical engineering; Terry L. Clements, landscape architecture; Eloise J. Coupey, marketing; John J. Dascanio, large-animal clinical sciences; Hayward Farrar, history; Richard M. Goff, engineering fundamentals; Carola A. Haas, fisheries and wildlife sciences; James Roger Harris, horticulture; Donald E. Hatfield, management; Brian J. Love, materials science and engineering; Lisanne E. Lyons, music; Eva Marand, chemical engineering; Steve L. McMullin, fisheries and wildlife sciences; Thomas H. Mills III, building construction; Christopher P. Neck, management; Rachel Parker-Gwin, sociology; James A. Parkhurst, fisheries and wildlife sciences; F. William Pierson, large-animal clinical sciences; Anita M. Puckett, Center for Interdisciplinary Studies; Dixie Watts Reeves, agricultural and applied economics; Scott M. Salom, entomology; Peter L. Schmittner, Center for Interdisciplinary Studies; Robert L. Smith, wood science and forest products; Bonnie J. Smith, biomedical sciences and pathobiology; Carroll U. Stephens,

management; Brian M. Tissue, chemistry; Eric Watkins, philosophy; Bruce W. Zoeklein, food science and technology.

Tenure, Collegiate Faculty, 1998-99

Kathryn C. Albright, architecture; Flynn L. Auchey, building construction; Thomas E. Cousins, civil and environmental engineering; Naraine Persaud,

Promotion with Tenure to Professor, Collegiate Faculty

Mitzi Nagarkatti, biomedical sciences and Pathobiology.

Promotion to Professor, Collegiate Faculty

Susan B. Asselin, teaching and learning; Osman Balci, computer science; Christopher Beattie, mathematics; Jeffrey B. Birch, statistics; Dusan Borojevic, electrical and computer engineering; Darrell J. Bosch, agricultural and applied economics; Barbara F. Carlisle, theatre arts; Lawrence H. Cross, educational leadership and policy studies; Jesus M. De la Garza, civil and environmental engineering; Jeffrey F. Derr, Hampton Roads Agricultural Research and Extension Center; William J. Devenport, aerospace and ocean engineering; Theo A. Dillaha III, biological systems engineering; Gary L. Downey, Center for Interdisciplinary Studies;

Klaus D. Elgert, biology; Edward F. Fern, marketing; Lawrence S. Grossman, geography; Raman Kumar, finance, insurance, and business law; Joseph Loferski, wood science and forest products; Harold W. Mick, mathematics; Lamine M. Mili, electrical and computer engineering; Douglas J. Nelson, mechanical engineering; Efstratios Nikolaidis, aerospace and ocean engineering; David H. Radcliffe, English; Frederick M. Richardson, accounting and information systems; Leonard M. Scigaj, English; Tarun Sen, accounting and information systems; Kusum Singh, educational leadership and policy studies; Mark M. Smith, small-animal clinical sciences; Sandra M. Stith, human development; Anbo Wang, electrical and computer engineering; Jeffrey R. Wilcke, biomedical sciences and pathobiology; Tony K. Wolf, A.H. Smith Jr. Agricultural Research and Extension Center.

Continued Appointment, Extra-Collegiate Faculty

Susan Ariew, User Services/University Libraries; Barbara A. Board, Extension Educational Programming/Virginia Cooperative Extension; Dorothy McCargo Freeman, 4-H/Virginia Cooperative Extension; Mary

Hansbrough, Technical Services/University Libraries; Tamara Kennelly, Special Collections/University Libraries.

Administrative Promotion to Extension Agent, Extra-Collegiate Faculty

John W. Blankenship, 4-H/Tazewell County Extension Office; Marilyn A. Jarvis, 4-H/Loudoun County Extension Office; Michael J. Parrish, agriculture and natural resources/Dinwiddie County Extension Office; Regina M. Prunty, agriculture and natural resources/King George County Extension Office; Calvin C. Schiemann, agriculture and natural resources/Virginia Beach City Extension Office; Teresa W. Weaver, 4-H/Isle of Wight County Extension Office.

Administrative Promotion to Senior Extension Agent, Extra-Collegiate Faculty

Kay W. Burke, family and consumer sciences/Amelia County Extension Office; Randal W. Jackson, agriculture and natural resources/Virginia Beach City Extension Office; Christine A. Kastan, family and consumer sciences/Northern District Extension; Betty K. Munsey, 4-H/Bland County Extension Office; Nancy U. Pfafflin, family and consumer sciences/Arlington County Extension Office.

1999 SERVICE AWARD RECIPIENTS



Recognized at this year's program were, from left, Peggy H. Brown, Alvin L. Harmon, Virgil Cook, Joyce H. Bolt and John A. Barden. At right is President Paul Torgersen. (J. McCormick)

10 Years

Joe A. Adams, Catherine L. Allen, Linda P. Alley, Ruth G. Alscher, Richar S. Alvarez, Timothy J. Anderson, Lillian C. Armstrong, Harvey W. Ashton, Kimverle A. Badinelli, Victor L. Bagley, Patricia A. Baker, Charles Lin Barrack, John S. Bay, Fannie B. Baylor, John E. Beach, Frank M. Beamer, Rovert J. Beaton, Andrew S. Becker, Danny R. Belcher, Lois K. Berg, D. F. Berry, Kathy L. Black, Charles M. Box, Joy S. Branch, S. Kim Briele, John O. Browder, Jerry R. Buckner, Linda S. Burcham, Susan T. Burnett, Sarah E. Buskirk, Neta L. Byerly, Carol C. Byrd, Jerry D. Cain, Judith B. Caldwell, William T. Calfee, Robert M. Calley, Karen F. Carter, Kay P. Castagnoli, Neal Castagnoli, Angela D. Chadwell, Melissa W. Chase, Katrina L. Chilton, Monique A. Cohen, Gene W. Cole, Mary E. Cole, Linda B. Collier, and Tony L. Cook.

Judith E. Cooper, Michael W. Cox, Phoebe B. Crofts, John J. Cusimano, Ritchey M. Davis, Jesus M. de la Garza, Robert E. Denton, Seshu B. Desu, William J. Dimock, Panayiotis Diplas, Gerald S. Dobbis, Donald W. Doss, Virgie J. Dow, Billy G. Dudding, Linda Lou Dunbar, Glen N. Duncan, Debra S. Duty, Ora S. Epperly,

Trudy R. Epperly, Karen M. Egen, David K. Everett, Paul H. Farrier, Howard Feiertag, Mordechai Feingold, Coretta F. Fisher, Annette D. Fluri, Virginia L. Frank, Matthew N. Gart, David E. Gemmill, Ronald L. Giddings, Gary W. Goad, Karen T. Guynn, Roy P. Harman, Barbara K. Harris, Walter E. Hartman, Peter E. Haskell, Doris B. Heath, David A. Herbert, Janice T. Herzog, Larry G. Hincker, Brenda E. Holden, John E. Homer, Steven B. Hopkins, Vincent M. Houston, Donna C. Huffman, and Owen F. Hughes.

Karen D. Inzana, David C. Jacobsen, Lisa S. Jansen, L. Brad Jarvis, Jr., Richard C. Jennelle, Annette C. Jewell, David W. Johnson, Sylvia W. Johnson, Douglas W. Johnston, Eluned C. Jones, Robert L. Jones, Roy S. Jones, Sara R. Jones, Mario G. Karfakis, Paul W. Kemp, Lydia E. Kerr, Timothy J. Kessinger, Jeffrey W. Kidd, Bradley G. Klein, D. Earl Kline, Katherine S. Kobza, David S. Kronfeld, Henry D. Lagan, Robert M. Lane, Gary Larrowe, Terry W. Lee, Robert H. Leonard, Diane S. Lewis, Gregory S. Lewis, George S. Libey, A. J. Lilly, Krista B. Link, Brenda D. Lipes, Theresa H. Long, Alfred C. Lynch, Eva Marand, Herve Marand, Joseph E. Marcy, Darrel D. Martin, Larry W. Martin,

Jack J. Masella, William H. Mason, Lance A. Matheson, Laura C. McClenny, Tracy J. McCoy, Sarah A. McCroskey, Darrell K. McDonald, Daniel W. McGlothlin, and Theresa M. McRoberts.

James D. Medley, Lamine M. Mili, Iris Miller, Kenneth E. Miller, Robert C. Miller, Michele H. Moldenhauer, Janet Agee Moran, Robert L. Morris, Clarresa M. Morton, Brenda A. Neidigh, Carrie N. Nowlin, David A. Nutter, Thomas E. Olson, Juanita Parker, Beverly S. Parkins, Kathleen R. Parrott, Steven L. Patrick, James W. Pease, George F. Peoples, Mary J. Perdue, J. Phillip Pickett, Ann D. Poff, Anita M. Price, Susan P. Prillaman, Wayne O. Proffitt, Shirley A. Raines, Joyce M. Randall, William T. Reynolds, Layne D. Ricketts, Jerry L. Riehl, Roy L. Ritchey, Jonathan S. Rockett, Robert C. Rogers, Carol B. Roop, David L. Russell, M. A. Saghai Maroof, McGann Saphir, Mary L. Saunders, Eleanor D. Schlenker, Cynthia G. Schlossnagle, Patricia L. Schmidt, Edward E. Schwartz, James E. Sexton, Marjorie J. Shay, Kathy M. Shelor, Anne C. Sheppard, James R. Sherman, Sharon R. Shrader, Jonathan E. Shuster, Peggy J. Sifford, Victoria Lynne Simpkins, Susan E. Sink, Mark M. Smith, Tamarah J. Smith, Michael L. Snider, Channary Sok, Carl L. Songer, Danny D. Sowers, John Speese, James E. Spicer, George W. Spradlin, Nicholas D. Stone, Bradley J. Sullivan, Samantha H. Suroski, Charles W. Swann, and Karen Swenson.

William M. Tallent, Giovanni Thomas, Shelly L. Threlkeld, Kathryn R. Tickle, Thomas J. Tompkins, Julianna Toth, Antonio A. Trani, Mary C. Trent, Leila B. Van Hook, Paula H. Vaught, Joyce A. Vest, William H. Wade Jr., Rhonda L. Wagenbrenner, Don R. Waldron, Thomas D. Walker, Betty L. Ward, Douglas F. Watson, Lon A. Weber, Robert L. West, Teresa L. Whaling, Linda M. Wheeler, Mark D. White, Ken Wieringo, Carolyn S. Wiley, Debbie B. Williams, Donald J. Williams, Jay H. Williams, John D. Williams, Teddy M. Williams, Diana J. Wilson, Betty J. Wright, Vicki P. Wright, Cindy E. Wyatt, Thomas M. Wynn,

Roger R. Youngman.

15 Years

Samuel R. Akers, Mitchell B. Albert, Rebecca F. Allen, Carol A. Itizer, James D. Arthur, Billy R. Atkins II, Moorman S. Baker, Catherine L. Barker, Christopher A. Beattie, Gabriella M. Belli, Kathy S. Beverage, Dennis J. Blodgett, Jasper K. Boone, Bettyjo M. Bowman, M. Lynn Brammer, Richard M. Burian, Laurence W. Carstensen, Martin C. Chapman, James D. Cole, William L. Conger, Barbara E. Crawford, Pamela A. Crewey, David M. Cromer, Mildred R. Cumbee, Carol R. Dallman, Clinton L. Dancy, Diana L. Davis, Roger W. Denny, Theo A. Dillaha, Billy T. Dooley, Gary L. Downey, Harold B. Downey, Catherine C. Eckel, Susie M. Farrow, Marva M. Fields, William J. Floyd, Muriel C. Flynn, Edward A. Fox, G. Frederick Fregin, Susan K. Fritz, Chris R. Fuller, John G. Genadopoulos, Dianna K. Gibson, Irene F. Glennon, Robert Graham, Randolph L. Grayson, John D. Greene, Louis M. Gwin, Ronald W. Hamblin, Beth Hanson, Jay Hardwick, Mary R. Harrell, David W. Harris, Kay K. Heidbreder, Sharon S. Helms, Sallie M. Henry, Lorraine M. Holub, Janet M. Johnson, Scottie Avery Johnson, Billy W. Jones, Gregory W. Justice, Vera V. Kidd, Jong U. Kim, Adeline C. Kirby, and Frederick Krimgold.

Eliza N. Lau, Patricia S. Lavender, Michael S. Leib, Billie Lepczyk, Robert B. Lineberry, Peter A. Linnell, Brian D. Lipes, Gary L. Long, Martha C. Mabry, Robert A. Martin, Sharon L. McCloskey, Robin F. McCoy, Aldenia M. Meredith, Rocky L. Miller, Anne H. Moore, Al T. Morton, Margaret A. Murray, Arvid Myklebust, Carol B. Nansel, Deborah L. Nester, Wing Fai Ng, Connie L. Noonkester, David R. Orden, Dwight M. Pallette, Sybil B. Phoenix, Linda B. Plaut, Ting Chung Poon, Harold E. Post, John R. Price, Evelyn P. Raines, Sue Rasmussen, Charles F. Reinholdt, Brenda F. Richardson, Linda B. Richardson, Humberto L. Rodriguez-Camilioni, Scott C. Sarin, Jean L. Sarver, Roy A. Subb, Victoria S. Shaffer, Linda G. Shell, James R. Sherman, Sally G.

(See SERVICE AWARD on 7)

Tech researchers selected for recognition on WVTF

By Susan Trulove

The names of 25 Virginia Tech researchers have been submitted to WVTF, for the second half of the second year of the public-recognition program sponsored by Research and Graduate Studies.

Week-long recognition of a specific faculty member for his or her outstanding research takes the form of 14 20-word announcements. Researchers are nominated by department heads, with university and alumni distinguished professors and Len Peters, vice provost for research and dean of the Graduate School, making the final selections.

"We want to recognize individuals who have made a contribution to a body of knowledge," Peters said. "Of course, it is a challenge to describe an individual's research and its contribution in 20 or fewer words. Still, this is an opportunity to tell people what we are doing and to recognize the people who are doing it."

The spots begin with the words: "Support for WVTF is provided by Research and Graduate Studies at Virginia Tech, recognizing..." Those to be recognized beginning Sunday, May 9, follow:

May 9: Horticulture Professor Richard Veilleux, who develops novel hybrids of potato that are resistant to high temperatures and insects.

May 16: Chemistry Professor Harry Dorn, whose research in magnetic resonance is producing devices that continuously monitor environmental pollutants.

May 23: Instructional technology Professor David "Mike" Moore for his research into how learners perceive and learn from different visual formats.

May 30: Professor Judy Riffle for research on polymer composite materials for civil infrastructure and magnetic polymer fluids for biomedical applications.

June 6: Professor Michael Renardy for

developing a mathematical foundation for understanding the flow of liquid polymers and simulating industrial processes.

June 13: Biochemistry Professor Dennis Dean's discovery of how cells assemble iron-sulfur centers in proteins essential to their metabolism and life.

June 20: Statistics Professor Eric Smith whose interdisciplinary research and collaboration is recognized by statisticians and environmental scientists world wide.

June 27, Agricultural and applied-economics Professor David Kenyon, whose research on swine and grain marketing helps producers manage price risk.

July 4: Computer-science Professor Edward Fox, whose research in digital libraries and multi-media makes information accessible through the internet.

July 11: Brian Storie for his exploration of dynamic changes in cell membranes and how they direct molecular traffic and communication.

July 18: Doris Kincade for research assisting apparel manufacturers and retailers in technologies to gain competitive advantage in meeting consumer needs.

July 25: Foreign languages and literatures Professor, Stephen Baehr, whose seminal work on Russian culture helps clarify Russia's relationship with the West.

August 1: Computer-science Professor Marc Abrams, whose research in networking helps to make the internet more efficient and more usable.

August 8: Human-development Professor Jay Mancini for research on sustaining quality of life programs for children, youth, and families.

August 15: Dairy-science Professor Frank

(See RESEARCHERS on 8)

Three GTA's receive special commendation award

By Julie Kane

Virginia Tech's Graduate School has named three winners of its Graduate Teaching Assistant Commendation Award. The students are George Moss in mathematics; Patrick Van Metre in computer science; and Nancy Perry in English.

Mathematics Teaching Assistant Coordinator, Eileen Shugart, described her initial impression of Moss. "I selected George to be my first senior graduate teaching assistant in the spring of 1995 because of his keen interest in teaching and his obvious qualities of leadership," she said, continuing, "In that position over the past few years, George has made a tremendous

contribution to the teaching mission of our department."

Regarding the process of teaching, Moss said he enjoys the interaction with students and other teachers, and that it gives him great joy to watch students learn. "In my teaching, I want to emphasize connections between mathematics and students' previous knowledge, experiences and beliefs, as well as to their other classes," he wrote. Moss, who has his undergraduate degree, a bachelor of science in applied mathematics from Auburn University, will graduate with his Ph.D. in mathematics from Virginia Tech this May.

Ezra Brown served as Moss's mentor.

"During each semester, I gave George responsibility for two class periods, both of which went quite smoothly. Having recently observed one of his classes, I can still see he has the same qualities that he showed as a new GTA four years ago. He is very well prepared and organized, he speaks clearly, he makes sure his students follow him. He knows his subject matter thoroughly, but he is not afraid to admit mistakes."

Moss also earns praise from other teaching assistants in the department. Lisa Beverly and Nathan Smith describe a program Moss helped create within the department for teaching assistants. "Although our department has had a well-developed training program for

beginning teachers for some time," they said, "there was no specific program designed for more experienced teachers. Not only was George instrumental in the creation of the new peer-mentoring program, but he has also been one of its most active participants. In our opinion, George is indeed one of those people who was born to teach. We began our graduate experience and teaching careers with George nearly five years ago, and cannot think of a more hard-working and deserving teacher to receive such an honor as this award."

Metre began teaching for the computer-science department during the spring semester of 1995 after receiving a bachelor's degree in

(See THREE on 7)

To THE EDITOR

I would like to ask the question: Why doesn't the administration consider delaying the opening of Tech until emergency snow-removal crews have had a chance to do their job?

Noticed on two previous occasions when inclement weather occurred that community

colleges within our area decided to close. This allowed them to remove snow, plow lots and streets to have a safe place for employees and students to return.

As we drove in from Floyd County on roads which were barely plowed, we heard on the radio that unless travel was an emergency to stay off of the roads so the road crews could do their job. I'm sure there were commuter students on the roads as well. Were their classes or my work an emergency?

On the first day of classes at Radford, when the weather conditions warranted warnings for everyone to stay off of the roads unless it was an emergency, they opened at 11 a.m. What was the emergency in opening Virginia Tech?

We need to define emergency, use some common sense and admit that we don't have everyone housed on campus anymore. We have more faculty and staff members. You risking the safety of the employees and students.

Finally, after braving the weather and snow-covered roads, we heard (on the same radio station that advised us to stay off of the roads) that our vehicles must be moved to permit snow-removal crews to do their job. Move them where? Should I listen to that portion of the radio announcement telling me to move my vehicle, and ignore the part of the same announcement advising me to stay off the roads?

Exactly what did we accomplish between 8 and 11 a.m.?

Sincerely,
Vickie C. Martin
CHRE/ELPS

Virginia Tech

VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY

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Editor

John Ashby, 1-6961

Assistant Editor

Christian Moody, 1-8538

Production Manager

Melinda Shaver, 1-8524

Business Manager

Sherri Box, 1-8819

Letters to the editor and questions for "Ask Spectrum" should be addressed to the editor, 105 Media Building, Virginia Tech, Blacksburg, VA 24061.

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CALS Faculty Association chooses new officers, reps

By Stewart MacInnis

The faculty of the College of Agriculture and Life Sciences has elected officers for the college's faculty association.

Elected were Dan Eversole, associate professor of animal and poultry sciences, president; Peter Kennelly, professor of biochemistry, president-elect; Dixie Reaves, associate professor of agricultural and applied economics, vice president; and Don Mullins, professor of entomology, secretary-treasurer.

College commission positions filled in recent balloting include: *academic programs commission*, Mick Gregory, associate professor of biochemistry, and Elizabeth Grabau, associate professor of plant pathology, physiology, and weed science; *Extension program policies commission*, Scott Hagood, professor of plant pathology, physiology, and weed science; and Erik Stomberg, professor of plant pathology, physiology, and weed science; *Commission on Faculty Affairs*, Jeff Bloomquist, associate professor of entomology; Merle Pierson, professor of food science and technology; and Jim McKenna, professor of crop and soil environmental sciences; *Commission on International Program Policies*, Bill Collins, associate professor of biological systems engineering; Saied Mostaghimi, professor of biological systems engineering; and Jim Westwood, research scientist, Department of Plant Pathol-

ogy, Physiology, and Weed Science; *Commission on Research Program Policies*, Larry Foy, professor in the Department of Plant Pathology, Physiology and Weed Science; *Advisory Committee on Strategic and Resource Planning*, Bill Collins, associate professor of biological systems engineering; and Merle Pierson, professor of food science and technology.

University committee and commission positions filled were: *University Council*, John Hillison, professor of agriculture education; *Faculty Senate*, Larry Foy, professor in the Department of Plant Pathology, Physiology and Weed Science; and Joe Marcy, associate professor of food science and technology; *Commission on Outreach*, Susan Sumner, associate professor of food science and technology; *Commission on Undergraduate Studies and Policies*, Dixie Reaves, associate professor of agricultural and applied economics; *Committee on Computing and Communications Resources*, Dave Bevan, associate professor of biochemistry; and Zeke Erskine, instructional designer in the Department of Plant Pathology, Physiology, and Weed Science; *Graduate Curriculum Committee*, David Vaughan, professor of biological systems engineering; *Library Committee*, Jay Stipes, professor of plant pathology, physiology, and weed science.

ACTIVITIES

EVENTS

Thursday, 29

Presidential Forum, 8:30-11:30 a.m., Owens Banquet Hall: Presidential Forum on Campus Climate for Diversity.

Faculty Recital, 8 p.m., Blacksburg Presbyterian Church, Doris Lederer.

Friday, 30

Salary and Wage Paydate.

International Club Coffee Hour, 5 p.m., Cranwell Center: International Movie.

Music Ensemble Concert, 8 p.m., Squires Recital Salon: Early Music Ensemble.

MAY

Saturday, 1

YMCA Hike, 1:30 p.m., meet in parking lot 403 Washington, St.: Angel's Rest.

Chamber Music Concert, 8 p.m., Squires Recital Salon: Audubon Quartet.

YMCA Dance, 8-11:30 p.m., Squires Commonwealth Ballroom: Big Band Ballroom Dance.

Sunday, 2

Chamber Music Concert, 3 p.m., Squires Recital Salon: Audubon Quartet.

Monday, 3

University Council Meeting, 3-5 p.m., 1045 Pamplin.

Tuesday, 4

Family Support Program, noon-1 p.m., DBHCC conference room A: "Helping Adults and Children Adjust to Blended Families."

Wednesday, 5

Classes End.

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

Thursday, 6

Reading Day.

Surplus Property Auction, 8 a.m., Surplus Warehouse.

SEMINARS

Thursday, 29

Physics, 3:30 p.m., 2030 Pamplin: "Anhydrobiosis—Life in the Absence of Water," by Malcolm Potts, VIGEN.

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: "FDTD Code Development and Experiences," by C. Buxton.

Entomology, 4 p.m., 220 Price: Grayson Award Winners. **Geological Sciences**, 4 p.m., 2044 Derring: "Molecules as Models for Bonding in Silicates—Revisited," by G.V. Gibbs.

Friday, 30

Highlands in Chemistry, 11 a.m., 3 Davidson: "Dendrimers: Unique Polymers for Molecular Recognition and Self-Assembly," by Steven Zimmerman, Illinois.

MCBB, noon, 102 Fralin: "Jumping Genes, Mosquitoes and Diseases," by Jake Tu, Arizona.

Communication Studies, 3:30 p.m., Hillcrest honors

conference room: "Signifying Media Theory: a Semiotic Analysis of Media Convergence," by Jane Tumas-Serna, Hollins.

Economics, 3:30 p.m., 3001 Pamplin: "A Dynamic Model of Quality of Life in a System of Cities and the Capitalization of Locational Amenities into Land Rents and Wages," by Scott Rosenthal.

Condensed Matter, 4 p.m., 304 Robeson, "Making Ceramic Machines—How Do You Lubricate Them?" by Dan Mazilu.

Electrical/Computer Engineering, 4 p.m., 654 Whittemore: "Robust Control for Nonlinear Systems with Projection Dynamics and Impulses," by J. Ball.

MAY

Monday, 3

Electrical/Computer Engineering, noon, 654 Whittemore: Topic TBA.

Biochemistry, 4-5 p.m., 223 Engel: "Supporting the Responsible Use of Agricultural Biotechnology at Home and Around the World," by Patricia Traynor.

Horticulture, 4-5 p.m., 409 Saunders: "Bulked Segregant Analysis of Anther Culture Response, Leptine Content and Unreduced Pollen Production in Diploid Potato," by Tatiana Boularte.

Wednesday, 5

STS, 4-5:30 p.m., 132 Lane: "Technological Change and the De-regulation of the American Electrical Utility System," by Richard Hirsch.

BULLETINS

Audubon Quartet to perform

Virginia Tech School of the Arts and Department of Music present the Audubon Quartet in the closing performance of the 1998-99 University Chamber Music Series Saturday, May 1, at 8 p.m. and Sunday, May 2, at 3 p.m. in the Squires Recital Salon.

This is the last opportunity of the semester to "See Keys, Feel Winds, Touch Strings." The Audubon Quartet, celebrating its 25th anniversary this year, will be joined by Canadian guest pianist Jane Coop.

Coop, who is a professor of piano and chamber music at the University of British Columbia in Vancouver, has established herself as one of her country's most distinguished artists.

Admission is \$10 for public and \$7 for students and senior citizens. Tickets are available at the UUSA Ticket Office in the Squires Student Center on the campus of Virginia Tech. For reservations call 1-5615. Tickets will also be available at the door; however, seating is limited.

University Jazz Ensemble show next week

On Wednesday, May 5, the Department of Music is celebrating the end of the Spring 1999 semester with the University Jazz Ensemble in Squires Haymarket Theatre at 8 p.m.

The Jazz Ensemble, under the direction of Grammy Award winner, Chip McNeill, will be featuring works by Arturo Sandoval, McNeill, and various students from the ensemble. Doug Bickel, special guest, is a jazz pianist from Miami, Florida. Bickel is currently touring with Arturo Sandoval. Bickel has also worked with other famous jazz artists, such as David Sanborn and Randy Brecker. Also featured at this concert are vocal music students, Noelle Mooney, Jackie Wells, Jocelyn Oldham and Tula Pisano. These vocal jazz singers are from the *New Virginians*, the

Department of Music's vocal jazz ensemble.

Tickets are \$6 for general admission and \$4 for students and senior citizens and are available at the Haymarket Box Office one hour before the performance. For more information, call the School of the Arts Information line at 1-5200. For information on other School of the Arts events, check the SOTA web site at <http://www.sota.vt.edu>.

Boise Cascade adds to General Scholarship Fund

Virginia Tech will be receiving another contribution in the amount of \$6,192.55 to the general scholarship fund from Boise Cascade Office Products. This arrangement is a negotiated provision of the contract for office supplies. The amount of the gift is based on the average order size for a given quarter, starting at 1 percent for an average order of \$120 and increasing to 3 percent if the average order reaches \$251. This particular gift represents three percent of the university purchases with Boise Cascade during the first quarter of 1999.

Since the contract inception in May 1996, Boise Cascade Office Products has donated \$30,176.81 to a general scholarship fund.

Boise Cascade is now offering Internet ordering. The company now has 47 users processing orders on-line. For more information, please call Jamie Phillips at 800-772-6473.

Surplus property on sale May 8

There will be a special public sale of surplus furniture on Thursday, May 8 beginning at 8 a.m. Items are used and excess to the needs of the Residence Programs organization. Included will be office desks, student desks, chairs, sofas, wardrobes, tables and air conditioners. Each item will be pre-priced. This sale will take place at the Surplus Property warehouse located at 1411 South Main St.

Leave donations needed

There are Virginia Tech employees in the areas of agricultural and applied economics, the College of Veterinary Medicine, Communications Network Services, and Residential and Dining Programs who have requested leave donations.

A salaried classified employee or a 12-month regular faculty member, has an opportunity to participate by donating annual leave in increments of eight hours. There is no maximum donation limitation per year, nor is there a minimum balance that must be maintained.

Leave donations received after the employee's eligibility status changes (such as, return to work, disability retirement, retirement, etc.) will be returned to the donor in accordance with established personnel procedures.

To protect recipients, the names and details of the medical condition will remain confidential. However, participants must donate leave to either a specific individual or area.

To obtain a donor form, ask a department administrative office or the Personnel Services department at 1-9331. Please return the completed form to Mary Chapman Gearheart, leave administrator, Personnel Services, 0318.

President's Forum addresses diversity

The Office of Multicultural Affairs will sponsor the President's Forum on Campus Climate for Diversity in the Owens Banquet Hall on Thursday, April 29, from 8:30-11:30 a.m.

The program will be a technology-based interactive discussion of issues related to improving the climate for teaching and learning at Virginia Tech. Space is limited, so an RSVP is requested to the OMA at 1-1820, or e-mail multicultural@vt.edu.

See page 5 for information on Staff Appreciation Day



1999 STAFF APPRECIATION DAY

Thursday, May 20

10 a.m.—3 p.m., Rector Field House



Classified staff and wage employees will be recognized for their contributions by being excused from usual duties for all or a large part of these hours to attend the scheduled events. Employees should report to their usual work location before and after the event based upon the employee's work schedule.

NOTE TO SUPERVISORS FROM PRESIDENT TORGERSEN:

It is time once again for the university to express thanks to the many individuals who play such a vital role at Virginia Tech: the members of our staff. I have declared Thursday, May 20 as Staff Appreciation Day and would like to request your strong support for this event by encouraging staff members to wear casual clothing, gather to visit and greet their friends, participate in group health walks, and cheer on fellow employees participating in various activities.

Please allow all staff and non-student wage employees in your area to participate for a minimum of several hours. Share copies of this letter with your managers and supervisors to help them understand the commitment we want them to make toward the success of the day. We recognize there are certain departments which require varying levels of staff support throughout the day. Therefore we are suggesting that offices stay open to receive visitors and phone calls, but with minimal and rotating staffing required to do so.

Staff Appreciation Day cannot be considered a substitution for leave. Employees are asked to come to their normal work location that morning and return in the afternoon. Employees on sick leave or planned annual leave on this date should record the full eight hours as leave.

If you would be willing to assist, please reply to dskar@vt.edu. Because of the many activities planned this year we will need at least fifty volunteers. We need your support.

1999 STAFF APPRECIATION DAY

Join fellow staff members in Rector Field House on May 20 to enjoy live entertainment, good food, team competition, or just come to relax with your campus friends.

NEW UPDATED PICNIC MENU: A free picnic lunch will be provided and served continuously from 11 a.m. to 1 p.m. The menu includes hot dogs, grilled chicken, veggie burgers, barbecue, and more. There's something for every taste with a wide selection of heart-healthy foods. A separate vegetarian food line has also been added this year.

NEW GAMES AND TEAM COMPETITION: Cheer on fellow employees participating in Virginia Tech's version of "Let's Make a Deal—With a Twist," or join your "office family" in competition during "Family Feud." You could also

win a prize during one of the Bingo games.

NEW TOURS: New and exciting tours have been added to the 1999 schedule. We invite you to join us for at least one tour. If you would like to participate, contact Debbie Rhea at rheada@vt.edu or telephone her at 1-5397. **Registration ends on May 13.**

PARKING: We suggest that you park either in the Commuter Parking Lot on Stadium Road or in the Stadium Parking Lot just off Spring Road. No parking will be available at Rector Field House with the exception of Handicapped Parking.

Complete details are available on the Staff Senate web site at <http://staffsenate.vt.edu/>. Specific details on the day's schedule will be included when available.

Individuals desiring special accommodations should notify Rhea at 1-5397 between 8 a.m. and 5 p.m. Monday through Friday. Please respond by May 13 to discuss accommodations. TDD: 1-9460.

REGISTRATION FOR TOURS

Send an e-mail to: rheada@vt.edu or call Rhea at 1-5397 by Thursday, May 13.

TICKETS

Tickets are required and will be distributed on a first-come, first-served basis. If you request a ticket and later find that you will be unable to use it, please give it to someone who can. Bring your ticket with you to ensure your place in the tour. The central meeting place for all walking tours will be inside Rector Field House behind the stage. Look for the sign "WALKING TOURS." There will be tour group leaders for each tour holding signs for each individual tour.

PARTICIPATION GIFTS

Since these tours are part of the CommonHealth fitness program, participants will receive an additional CommonHealth gift. Bring an umbrella if there is rain in the forecast—most of the tours will continue.

LINEUP FOR DEPARTURE

Please arrive and begin lining up 15 minutes before the departure time for your tour. If all persons holding a ticket for a particular tour do not show up, we will allow others to fill in those spaces on a first-come, first-served basis.

TOUR DESCRIPTIONS

Deet's Place (10:30 a.m.—60 spaces available)

Offers a program demonstrating the art of roasting coffee beans and an introduction to the specialty coffee industry. The program will be held at Deet's Place, Virginia Tech's Premiere Coffee, Ice Cream and Pastry Shop, in District Dining Hall.

Historical Walk (10:30 a.m.—25 spaces available)

The walk, led by Doug Martin, will include his special brand of historical commentary about sites on the Virginia Tech campus. Be sure to join in on this entertaining tour.

Horticulture Gardens (10:30 a.m. and 2 p.m.—20 spaces available each)

Located on Washington Street, across from Litton-Reaves Hall, the Horticulture Gardens complex is a living museum of plant materials. A tour guide will lead guests through the gardens, explaining the various vegetation and gardening methods. Although a tour guide will not be available except during tour times, please feel free to wander through the gardens at your leisure.

McComas Student Health and Fitness Center (10:15, 10:30, 10:45 and 11 a.m.—15 spaces available each)

The McComas Center is an 118,000-square-foot multi-purpose building serving student health and recreational needs. It houses the Thomas E. Cook Student Health Services Center, the Charles W. Shiffert Counseling Center, and Recreational Sports with basketball courts, a jogging track, weight training rooms, fitness studios, and a swimming pool. A tour guide will lead participants.

Merryman Athletic Center (10:30 a.m. and 2 p.m.—15 spaces available each)

The Merryman Athletic Center is a multi-purpose athletic facility used by Virginia Tech athletes for conditioning and weight training. Additionally, the building houses a 130-seat auditorium, academic center and sports medicine offices. This two-story, 40,720-square-foot addition is connected to the Jamerson Athletic Center. A tour guide will lead participants through the conditioning and weight-training complex, multi-purpose gymnasium.

Wallace Hall Design Kitchens (10:30 a.m. and 2 p.m.—50 spaces available each)

The center contains five fully operational kitchen settings, which give students, researchers, and those in the kitchen design and construction industry the opportunity to learn about new applications of products, materials, and technologies used in residential kitchen design. The kitchens reflect a variety of price levels, life styles, and use of space. They also provide the "chance to research how kitchens are used today, and what will work for real people." This facility and the university/industry partnership, which made it possible, is a unique endeavor and the first facility of its kind in the nation. After a brief introduction to the center by the tour guide, participants will take a self-guided tour through the facility.

West End Market (10:30 a.m. and 11:30 a.m.—75 spaces available each)

This tour will highlight the 'marche,' or marketplace dining concept and provide an overview of each of the seven shops in this facility, which opened in January 1999. Participants will have an opportunity to sample menu items that West End Market offers.

MITCHELL

Continued from 1

He has been elected to the National Academy of Sciences in recognition of his original research contributions to the field of geotechnical engineering.

Much of his research has focused on fundamental aspects of the engineering properties and behavior of soils and the development of understanding based on compositional and physical and chemical interactions of soil particles. This research, conducted several years ago, recently has found wide applications in the field of environmental geotechnics, which deals with waste containment and contaminated site remediation.

During the 1960s and early 1970s, Mitchell conducted extensive research on lunar soils and soil properties during the Apollo Lunar Exploration Program and served as principal investigator for the Soil Mechanics Experiment, which was part of the Apollo 14-17 missions.

Mitchell also has worked extensively on soil stabilization and ground strengthening, and these studies have been used to mitigate ground-failure risk during earthquakes. He participated

in post-earthquake reconnaissance and ground-performance studies following the major earthquakes in San Francisco in 1989 and Kobe, Japan in 1994.

In 1997, he and two other Virginia Tech engineering faculty members were named part of a national team, working through the National Center for Earthquake Engineering Research at the State University of New York at Buffalo, that received a five-year, \$10-million grant from the National Science Foundation to find ways to minimize earthquake damage and losses in the United States. Mitchell, along with engineers at Cornell University and Rensselaer Polytechnic Institute, will study the use of new soil-strengthening techniques and strategies to help prevent earthquake-induced liquefaction and lateral spreading of the ground.

Among the more than 300 publications resulting from Mitchell's research are two editions of his graduate-level text and reference book, *Fundamentals of Soil Behavior*, which has become a standard geotechnical course reference nationwide.

Among the numerous honors Mitchell has received are the Norman Medal, the highest honor for a published paper accorded by the

American Society of Civil Engineers (ASCE); the Karl Terzaghi Lecture and Award from ASCE; the Western Electric Fund Award of the American Society for Engineering Education; the Medal for Exceptional Scientific Achievement from the National Aeronautics and Space

Administration; the Berkeley Citation from the University of California; and appointment in 1996 as a university distinguished professor by the Virginia Tech Board of Visitors. He is a fellow and honorary member of ASCE and a former chairman of the Geotechnical Board of the U.S. National Research Council.

DOMENECH

Continued from 1

A native of Cuba who moved to the United States at the age of nine, Domenech earned a B.A. degree from Hunter College in New York City and a Ph.D. from Hofstra University in Unionsdale, N.Y.

He began his teaching career in New York City, where he taught sixth grade in a predominantly black and Hispanic community in South Jamaica, Queens. Domenech then became program director for the Nassau Board of Cooperative Educational Services (BOCES), which is the largest intermediate school district in the State of New York. Subsequently, he held positions as superintendent of schools for the

ethnically diverse South Huntington School District in Long Island, district superintendent of the Second Supervisory District of Suffolk County and chief executive officer of the Western Suffolk BOCES.

Domenech is president of the 16,000-member American Association of School Administrators. He has also served as the first president and co-founder of the New York State Association for Bilingual Education.

Virginia Tech offers 36 graduate programs for working professionals as well as continuing-education seminars and short courses at the Virginia Tech/University of Virginia Northern Virginia Center in Falls Church. More than 200 students are scheduled to participate in the ceremony.

EMPLOYMENT

CLASSIFIED POSITIONS

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

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

Full Time

Agricultural Supervisor, 3126M, Grade 7, Animal and Poultry Sciences.

Business Manager A, 2065D, Grade 10, Communications Network Services.

Computer Systems Engineer, 7438J, Grade 14, Center For Power Electronics.

Computer Systems Engineer, 7440J, Grade 14, Center For Transportation Research.

Computer Systems Engineer, 7444J, Grade 14, Civil Engineering.

Control Desk Attendant/Office Services Asst., 7335G, Grade 4, Recreational Sports.

Food Operations Assistant B (3rd Baker), 2986H, Grade 2, Residential and Dining Programs/ Southgate Bakeshop.

Housekeeping Lead Worker/Special Projects Crew, 300H, Grade 2, Residential and Dining Programs.

Housekeeping Worker Senior, 2743H, Grade 3, Residential and Dining Programs.

Housekeeping Worker, 1138G, Grade 1, Donaldson Brown Hotel and Conference Center.

Housekeeping Worker, 2135C, Grade 1, Physical Plant.

Housekeeping Worker, 7261G, Grade 1, Recreational Sports.

Housekeeping Worker, 1216H, Grade 1, Residential and Dining Programs.

Information Technologies Audit Manager, 1735T, Grade 16, Internal Audit.

Large-Animal Veterinary Technician/Medical Technologist, 7445S, Grade 9, Veterinary Teaching Hospital.

Licensing and Trademark Director (Business Manager B), LC055D, Grade 12, Trademark and Licensing.

Medical Technologist, 7446S, Grade 9, Veterinary Teaching Hospital.

Office Services Assistant, 139C, Grade 4, University Libraries.

Program Support Technician, 6948M, Grade 6, College of Agriculture and Life Sciences-Extension.

Program Support Technician, 7447M, Grade 6, Fisheries and Wildlife Sciences.

Programmer Analyst, 6990T, Grade 12, Budget and Financial Planning.

Programmer, 7405D, Grade 10, Administrative Information Systems.

Programmer, 2256D, Grade 10, University Libraries.

Programmer/Analyst, 7433D, Grade 12, Administrative Information Systems—User Services.

Secretary Senior, 6313M, Grade 5, Animal and Poultry Sciences.

Secretary Senior, 5674S, Grade 5, Biological Systems Engineering.

Senior Programmer Analyst, 6896D, Grade 14, Information Technology Acquisitions.

Senior Programmer/Analyst, 7328D, Grade 14, Administrative Information Systems.

Storekeeper Senior, LC016J, Grade 6, Athletics.

Television Systems Technician, 6920D, Grade 8, Media Services—VBS.

Part Time

Animal Care Technician A, W022155M, Grade 3, Veterinary Teaching Hospital.

Electronic Technician Senior, W022588J, Grade 10, Engineering Science and Mechanics.

Equipment Inventory Asst/Fiscal Assistant, W022627C, Grade 5, Controller's Office.

Fixed Assets Clerk/Fiscal Assistant, W022628C, Grade 5, Controller's Office.

Flight Instructor (Pilot), Airport, Grade W020661T.

Food Operations Assistant A, W022314H, Grade 1, Residential and Dining Programs.

Food Operations Assistant B, W022315H, Grade 2, Residential and Dining Programs.

Housekeeping Worker, W020214G, Grade 1, Schiffert Health Center.

Human Resources Assistant, W022652D, Grade 8, Personnel Services.

Industrial Hygiene Technician (Prgm Spt Tech), W022664T, Grade 6, Environmental Health and Safety Services.

Office Services Aide, W022669C, Grade 2, University Library.

Office Services Specialist, W022663T, Grade 5, Computer Science.

Office Services Specialist, W022456T, Grade 5, Pamplin College of Business.

FACULTY POSITIONS

INSTRUCTIONAL

Southern Piedmont Agricultural Research And Extension Center. Assistant/Associate Professor.

This is a 12-month, tenure-track faculty position (75-percent research and 25-percent Extension) located at the Virginia Tech Southern Piedmont AREC, Blackstone, approximately 50 miles southwest of Richmond. The incumbent will have academic affiliation with either the departments of Crop and Soil Environmental Sciences or Animal and Poultry Sciences on the Virginia Tech campus. The incumbent is expected to develop a nationally and internationally recognized research program focused on development of innovative livestock-grazing systems with major emphasis on sustainable-agricultural practices. Extension responsibilities will involve the development, implementation, and leadership of interdisciplinary educational programs focusing on integrated forage and animal-production systems primarily for the southern piedmont and coastal plain regions of the state. The successful candidate is expected to collaborate and interact effectively with appropriate university faculty members, field Extension staff members, industry representatives, producers, governmental agencies, and agri-business personnel. The incumbent is expected to compete for intramural and extramural funding and to advise and support graduate students and to publish in refereed journals. Qualifications: A Ph.D. in agronomy or animal science or a closely related discipline with emphasis on forage use and management; demonstrated ability to communicate orally and in writing and use computer technology proficiently; and demonstrated ability to work cooperatively within a team approach with both colleagues and clientele. Experience in forage use/management research and knowledge of beef cattle management are essential. Experience with both warm-and cool-season forage species is desirable. Salary is commensurate with training and experience. The closing date for applying is July 1, 1999 or until the position is filled. An application will consist of a cover letter describing career goals, a curriculum

vitae, copy of official transcripts, and at least three letters of reference. Applications should be mailed to James L. Jones, Virginia Tech, Southern Piedmont AREC, 2375 Darvills Road, Blackstone VA 23824.

Department of Animal and Poultry Sciences. Assistant/Associate Professor, Equine Science. Position is a 12-month, tenure-track position. The successful candidate is expected to teach the senior level Horse Production and Management, and the Equine Evaluation courses. In addition, he/she will be expected to coach the Intercollegiate Horse Judging Team and to be actively involved in the day-to-day operations of the Horse Center. Scholarly research accomplishments are expected in the candidate's specialty area. Qualifications: Ph.D. in animal science. Preference will be given to individuals with experience in horse production and management and a keen knowledge of the horse industry. Candidates must possess strong speaking, writing, computing, and leadership skills to work effectively with students, peers, and horse industry leaders in the state. Salary is commensurate with training and experience. Date available is Aug. 10, 1999. Applications: Application deadline is June 10, or until the position is filled. Candidates should send a letter of application, resume, official transcripts, and the names of three references with addresses and phone numbers. Applications should be mailed to Gary L. Minish, Head, Department of Animal and Poultry Sciences (0306), Virginia Tech, Blacksburg VA 24061. 31-9157. E-mail: minish@vt.edu.

Department of Teaching and Learning. Assistant Professor. Temporary position for two years. Responsibilities include: teaching undergraduate and graduate courses in educational psychology and at least one of several related areas such as cognitive psychology, developmental psychology, constructivism, motivational theory, evaluation, and tests and measurements; and, collaboration with university and public-school colleagues to develop, implement, and evaluate preparation programs for school personnel. The teaching load will include three

courses per semester, at both on- and off-campus sites. Qualifications include an earned doctorate in educational psychology or closely related field, evidence of successful college teaching, and experience with public schools. Anticipated start date is Aug. 16, 1999. Review begins June 1 and continues until a candidate is appointed. Send a letter of application, transcripts (undergraduate and graduate), a vita, and the names and contact information for three references to Dianne Yardley, Educational Psychology Search Committee, 101 War Memorial Hall (0317), College of Human Resources and Education, Virginia Tech, Blacksburg VA 24061. Phone: 1-5056; fax: 1-3717.

NON-INSTRUCTIONAL

Career Services. Career Advisor. This person provides advice and workshops on career/major decision making, experiential learning, job search, and related topics. Each advisor serves as Cooperative Education coordinator for designated majors and works closely with students and employers for successful work assignments. Advisors teach credit classes on choosing an academic major and work on special projects. Successful candidates will possess a master's degree in counseling or related major and demonstrate abilities such as counseling; knowledge of career development theory and practice; building rapport with students, faculty members, and employers; strong oral and written communication skills; and computer skills. Must demonstrate success with working in a team environment. Career-services experience is preferred. Candidates should submit a resume and at least three references to L. Leist, Assistant Director, Career Advisor Search Committee, Henderson Hall (0128), Virginia Tech, Blacksburg VA 24061. The screening process begins mid-May.

Office Services Specialist, W022331G, Grade 5, Program Development.

Pharmacy Supervisor, W022501M, Grade 15,

(See EMPLOYMENT on 7)

Tech computing team places eighteenth in world competition

By Sally Harris

Virginia Tech's computer-programming team placed fifth in the United States and eighteenth in the world in international competition in Holland recently.

"This was the biggest international contest ever," said Sallie Henry, associate professor of computer science, director of the Mid-Atlantic contest, and coach of the Virginia Tech team. "There were 62 teams. We came in in the top quarter of the world, and we think that was great."

Members of the Virginia Tech team are David Mayhew, a graduate student majoring in

electrical engineering, Tim Terribery, a junior in computer science and mathematics, and Albert Lee, a junior in computer science, mathematics, and physics. Chad Wingrave, who served as alternate and assistant coach, is a graduating senior and computer-science major.

Competition starts on the regional level, and there are 30 regions spanning six continents and 59 countries. The regional that Henry directs is so large, with 150 teams, that its contest is run over the network from seven sites, including Virginia Tech. Virginia Tech won the Mid-Atlantic regional competition, and a second Virginia Tech team placed third.

Winners of the regional go on to the international competition. Also, some regions, depending on their size, get wild cards so additional teams can attend the international, which had 62 teams competing this year.

Virginia Tech placed behind only Harvard, Berkeley, California Polytechnic, and Duke and ahead of such teams as Cornell, the University of Virginia, "and every other university in the U.S.," Henry said.

There were eight problems posed in international competition, and the Virginia Tech team got four correct. "The winning team, the University of Waterloo, got only six right,"

Henry said. "The first four places went to teams outside the United States."

The international competition was challenging, Lee said. "I wouldn't say it was hard, exactly," he said. "The problems were definitely solvable." The issue was time. "It all came down, basically, to how fast you could finish the problems," he said.

Virginia Tech's computer-programming team consistently wins in regional competition and places high in international competition. Henry has coached the team for 15 years and has directed the Mid-Atlantic Regional contest for the past five years.

THREE

Continued from 3

computer science from Virginia Tech. Because of his excellent communication skills, the department selected him to teach two recitation sections of the CS 1706 (Introduction to Computer Science) class. Layne Watson sat in on Patrick's class to observe his teaching and was impressed with the excellent job he did organizing and presenting this complicated material in a clear and understandable manner. Students said Van Metre devoted considerable time to providing personal attention, diligently answering all of their questions. His efforts were rewarded with overall student ratings of 3.4 and 4.0 the first time he taught, and he has

generally garnered a 3.5 and above in his teaching since then.

The Head of the Department of Computer Science, Dennis Kafura, was so confident in Van Metre's knowledge of the subject matter that he invested him with the responsibility of grading most of the work in his own graduate course.

Sally Henry had the opportunity to supervise Patrick as he taught several sections of labs. She said, "He has a talent for conveying even the most complex of topics in a way that students can readily understand. Students enjoy having him in the classroom, as he keeps them alert and focused on the information he is presenting. They also like and respect him as an

individual, since he in turn shows them the same respect. The students in CS 106 repeatedly told me how much they enjoyed Patrick's lab sections, evidenced by his student evaluations."

Perry's advisor, Cathy Skinner, describes the experience with Perry as "a wonderful teaching year. She combines practicality with a sense of fun and the fantastic." Perry successfully created an 1105 English course based on the anthology *The Presence of Others*. She taught essays about myth making, the media, and education. Her teaching evaluations were in the excellent range, and students commented on her ability to lead interesting discussions.

Perry's class preparation is described as

excellent. Skinner and Perry worked as a team to create a course called "Funny Stuff: The Construction of Humor." Perry's commitment to team teaching insured that her students receive consistent, high-calibre instruction.

Chair of English Graduate Studies, Peter Graham, describes the learning environment created by Perry as welcoming and nurturing. The consistently high levels of attendance, class participation and commitment to the tasks of the day were impressive. Perry's co-workers describe her as a "free spirit" among teachers. Her course materials were intelligently planned, attractively laid out, and were fresh and timely. Perry's undergraduate degree is in English from Virginia Tech.

SERVICE AWARD

Continued from 2

Shrader, Roger L. Simpson, Gloria G. Smith, Lylah M. Smith, Michael S. Smith, Suzanne C. Snow, Norrine Bailey Spencer, Kathleen M. Stadler, David C. Starkey, Dean F. Stauffer, Steven D. Steele, Nancy L. Sterling, Gene P. Stuckey, Robert T. Sumichrast, Craig D. Thatcher, Janet L. Thomas, Keith R. Tignor, Roberta R. Tillar, Konstantinos P. Triantis, Larry D. Trussell, Michael R. Vaughan, Vastine H. Walker, Peter R. Wallenstein, Bernard A. Whitlock, Charles S. Williams, Thomas G. Wilson, Dianne R. Yardley, Anne L. Young, Doris T. Zallen, Richard H. Zallen.

20 Years

Bonnie D. Akers, Jill A. Albert, Wesley C. Alexander, James T. Allen, Carlos W. Altizer, Linda M. Altizer, Harley E. Ashe, Catherine W. Atkinson, David R. Badger, Donald G. Baird, James C. Baker, Henry H. Bauer, Lynn C. Berry, Gary S. Bickley, Bar-

bara A. Board, Edwin L. Brooks, J. Thomas Brown, Charles V. Burnsed, Claudia S. Campbell, Bertha R. Camper, Thomas A. Capone, Lay N. Chang, Roy K. Clark, Anthony T. Cobb, Joy C. Compton, Retha V. Cooper, Thomas W. Covey, Mark S. Cramer, Clyde Y. Cridlin, Linda J. Cridlin, Christie H. Dapper, Donald J. Davis, William A. Davis, Jana L. Doyle, John C. Duke Jr., Sally K. Dunbar, Mary B. Dunker, Barbara A. Edmonds, William N. Eigel, Linda E. Elliott, Richard D. Fell, Judy H. Fielder, Richard L. Fleet, Larry E. Freeman, David B. French, Theodore D. Fuller, David L. Gardner, Debra S. Gatewood, Charles W. Goodman, Charles T. Goodsell, Michael R. Gore, Sharon A. Gotkiewicz, Jan A. Graham, Peter W. Graham, and B. Jeanette Grubb.

Monte F. Hale, Mary Louise Hallauer, Jacqueline A. Hamblin, Charles F. Hartman, C. Gene Haugh, Joy B. Heekin, Marvin L. Heimbach, Joseph H. Herbein, Gladys H. Hickman, Dolores K. Hill, William T. Hite, Patsy M. Hobbs, Guy J. Indebetouw, Douglas A. Irvin, Dennis R. Jaasma, Judith H. Jones, Lester M. Karlin, Michael E. Karmis, Charlene H. Keen, Donald G. Kerins, Ronald D. Kerins, Dean A. Kirstein, Jeffrey L. Kirwan, Shoshana M. Knapp, William R. Knocke, David M. Kohl, Thangavelu Kuppusamy, John G. Kuykendall, Calvert T. Larsen, Catherine P. Latane, Delores B. Lee, James B. Long, Debra K. Lowe, Diane B. Mahaffey, Steven E. Markham, Donald R. Massie, Deborah G. Mayo, Debra McAlexander, Robert F. McDuffie, Thomas D. McMahan Jr., Barbara A. McPherson, Shirley A. Meredith, Bonnie K. Merrix, Paul D. Metz, Angela L. Miller, Reginald G. Mitchiner, Charles E. Moore, Anne M. Morgan, and Kent F. Murrmann.

Michael Naff, Fritz H. Oehlschlaeger, Brent D. Opell, Rebecca D. Pauley, Van H. Petty, Raymond E. Powell, Daniel E. Powers, Brenda S. Pratt, Felice N. Proctor, Wayne D. Purcell, Maynard D. Quesenberry, Judy G.

Raines, William L. Ranck, David R. Reed, Theresa H. Reed, Elaine F. Rhodes, B. Blake Ross, Mary R. Rupe, Michael Saffle, Roger A. Salmon, William B. Saville, Harry T. Saxton, Arnold Schuetz, Leonard M. Scigaj, Vanessa J. Scott, Susan Jean M. Sharp, Bruce L. Shelor, Larry D. Sheppard, Carolyn S. Showalter, William D. Shumate, Robert B. Siegle, Brenda C. Sluss, Glenna M. Smith, Karen S. Smith, Romney J. Smith, Karen K. Snider, Paul M. Sorrentino, Gary D. Stafford, F. William Stephenson, Herbert D. Stiles, Josiah S. Tlou, Donna J. Tolley, Joseph G. Tront, Donald G. Tucker, Bruce J. Turner, Susan V. Vest, Layne T. Watson, James F. Wolf, Patricia A. Worrell, Roe-Hoan Yoon.

25 Years

Joyce B. Anderson, John A. Aracco, John K. Arbogast, Barbara A. Baber-Martin, John A. Baird, Judy P. Baker, Lore A. Balkan, Joseph A. Ball, John D. Barrett, C. Wayne Bishop, Vernon Boggs, James F. Boles, John J. Boling, Diane S. Bolling, Alisa W. Boothe, Gary D. Bradley, Sidney E. Brewbaker, Janice D. Bryant, Rachel S. Brydie, Patricia N. Caldwell, Jan C. Carr, Rita L. Carr, Donald S. Cherry, Salahuddin Choudhury, G. William Claus, Phillip R. Cobb, Charles W. Conner, Ann W. Crate, Gerald H. Cross, Gail C. Dalton, Paula K. Davis, Steve L. DeHart, James F. Diem, Sharon V. Diggs, Frances N. Dowdy, Jimmie C. Fortune, Shirley C. Gilley, William Greenberg, James A. Hardell, Kim C. Harich, E. Jane Harrison, Linda H. Hillis, Alan H. Holland, Maynard T. Hoover, Barbara M. Howe, Janice M. Huffman, Buford W. Hunter, Martha Basham Johnson, Doris J. Jones, Gerald M. Jones, Amoz Kats, Joyce V. Kessinger, Werner E. Kohler, Carolyn W. Linkous, Goldie M. Long, John P. Long, and Rebecca P. Lovingood.

Thomas A. Manning, Donald W. McKeon, F.M. Anne McNabb, Melvin W. Meredith, Archie F. Montgomery, Alice P. Moody, Joyce O. Morgan, Robert W. Morrill, Donald E.

Mullins, Derek S. Myers, Richard E. Nance, Roy H. Nester, Leeroy Nolen, David M. Orcutt, Carl D. Peacock Jr., Hal Pendrak, Herbert W. Pettway, Norris L. Powell, Rocky M. Price, Ida A. Ratcliff, James F. Read, Cosby S. Rogers, Rhonda M. Rogers, Janet Q. Sanders, Wilmer Sarver, Caron B. Schmid, Daniel J. Schneck, Randall F. Shank, Warren L. Shelor, Barbara S. Spence, David E. Starnier, Barbara A. Stimpson, Richard H. Stock, William B. Stuart, Daniel C. Sutphin, John B. Sutphin, Phyllis E. Testerman, David H. Vaughan, Joseph L. Wall, Frank S. Walters, James A. Warren, Vanessa H. Wells, Russell J. Whitenack, Mary B. Whitlock, David R. Widder, Alvin C. Williams, Naomi P. Wilson-Nicely, Robert D. Wright, Douglas S. Yates.

30 Years

Jesse C. Arnold, Patricia C. Ballard, Joyce D. Bandy, Monroe M. Bird, Vittorio A. Bonomo, Roger G. Brickey, Harold E. Burkhardt, Vickie F. Carroll, Anne Cheney, Robert N.S. Chiang, Edward R. Clayton, Robert R. Cumber, Herbert R. Decker, Gary P. Dingus, Mario W. Duncan, George J. Flick, Jerry E. Flinchum, Wanda T. Floyd, Michael J. Furey, Richard A. Graham, Martha O. Haga, Laura R. Higdon, Alicia H. Houchins, Wanda M. Hylton, Gary F. Kinsley, Roy L. Kirkpatrick, James F. Marchman III, Robert A. McCoy, Harold M. McNair, Brenda B. Mills, James F. Diem, Sharon V. Diggs, Frances N. Dowdy, Jimmie C. Fortune, Shirley C. Gilley, William Greenberg, James A. Hardell, Kim C. Harich, E. Jane Harrison, Linda H. Hillis, Alan H. Holland, Maynard T. Hoover, Barbara M. Howe, Janice M. Huffman, Buford W. Hunter, Martha Basham Johnson, Doris J. Jones, Gerald M. Jones, Amoz Kats, Joyce V. Kessinger, Werner E. Kohler, Carolyn W. Linkous, Goldie M. Long, John P. Long, and Rebecca P. Lovingood.

Thomas A. Manning, Donald W. McKeon, F.M. Anne McNabb, Melvin W. Meredith, Archie F. Montgomery, Alice P. Moody, Joyce O. Morgan, Robert W. Morrill, Donald E.

35 Years

John A. Barden, Joyce H. Bolt, Peggy H. Brown, Virgil A. Cook, Paul E. Field.

40 Years

Alvin L. Harmon, Richard E. Schmidt.

EMPLOYMENT

Continued from 6

Veterinary Teaching Hospital.

Program Support Technician, 7413J, Grade 6, Research and Graduate Studies.

Programmer, W022504D, Grade 10, Communications Network Services.

Research Specialist, 4540M, Grade 8, Horticulture.

Trades Helper/Carpenter's Assistant, W020219H, Grade 4, Residential and Dining Programs/Facilities.

Off Campus.

Distance Learning Specialist, 7410D, Grade 12, Office of Distance Education.

Facilities Manager (Student Services Coord), 2097J, Grade 10, Northern Virginia Center.

IN OTHER NEWS

Students respond well to new academic-eligibility policy

By Catherine Doss

Overall, Virginia Tech students have risen to the challenge of a tougher academic eligibility policy put in place in the fall of 1997, according to Delores Scott, associate provost for retention and academic support.

Under the new policy students must maintain a cumulative QCA of 2.0 to remain in good standing. Academic performance is reviewed at the end of each semester.

According to a report on first- to second-year QCA's, the mean QCA at the end of first fall semester has increased from 2.55 for students who entered in 1996 (before the new policy) to 2.67 for students who entered in 1997 and 2.69 for students who entered in 1998.

The percent of students completing their first fall semester with a QCA below 2.0 decreased from 23 percent for students who entered in 1996 to 16 percent for students who entered in 1997 and 1998. Likewise, the percent completing their second fall semester with a QCA below 2.0 decreased from 16 percent for students who entered in 1996 to 11 percent for students who entered in 1997.

Scott attributed the improved academic performance to committed faculty members and administrators, student effort, and the excellent programs the university put in place to assist students who were at risk of falling below the minimum-eligibility standard. Some of these

programs include the Student Success grants; Project Success; and an increased focus on advising and mentoring programs.

In addition to the overall student population, student athletes have also improved their academic performance under the new policy.

The mean QCA at the end of first fall semester has increased from 2.30 for student athletes who entered in 1996 to 2.57 and 2.62 for those who entered in 1997 and 1998 respectively. Likewise, the mean QCA at the end of second fall semester increased from 2.57 for student athletes who entered in 1996 to 2.65 for those who entered in 1997. The percent of student athletes completing their first fall semester with a QCA below 2.0 has decreased

from 34 percent for those who entered in 1996 to 20 and 19 percent for those who entered in 1997 and 1998 respectively.

A recent Summit on Student Athlete Success brought together athletes, coaches, faculty members, academic advising staff, and members of university administration for a half day of information sharing. Sponsored by the Office of the Provost and the Center for Academic Enrichment and Excellence, the summit featured a panel of faculty members and coaches who were athletes while pursuing their undergraduate degrees. The panel brought to light some of the responsibilities student athletes face in both their academic and athletic pursuits and emphasized the tremendous impact of sports on

building self-confidence in student athletes.

The summit also featured Jerry Via giving his comments and reflections on his years as coordinator of athletic advising. Via recently accepted a position as associate dean in the College of Arts and Sciences.

"We've seen tremendous improvement in services to student athletes under Jerry's leadership," Scott said. "And our recent study shows that these efforts have paid off in terms of student athlete success at Virginia Tech."

Scott reported that a new coordinator for athletic advising will be appointed this spring, and the next summit on student athlete academic success will be held June 23.

Ketterer named public-service fellow in outreach

By Catherine Doss

Peter Ketterer, former export coordinating manager for Wolverine Gasket Division in Blacksburg, has been named a public-service fellow for Virginia Tech's Public Service Programs, a unit of the university's Outreach Division. Ketterer will assist in educating economic developers across the state as well as Virginia Tech faculty members about the intricacies of international trade.

Ketterer retired earlier this year after 30

years' experience in the manufacturing sector. After leaving the U.S. Navy, he began working as an international coordinator for the technical-products international division of Mine Safety Appliances Company in Pittsburgh. Later he spent 12 years with United Technologies-Elliott Division, which manufactures plant power equipment. While there, Ketterer worked his way up to supervisor of shipping and receiving and was responsible for handling large volumes of service parts orders and shipments both domestic

and international.

"We are pleased and honored to have someone with Pete's experience and credentials in international trade join our organization," said Douglas McAlister, executive director of Public Service Programs. "His knowledge will add tremendously to the resources on international trade and exporting we offer to businesses and economic developers across the state."

Facilities complex honors former director Sterrett

By David Nutter

The memory of long-time Virginia Tech employee and Blacksburg civic leader, the late William M. Sterrett Sr., was honored last week when Virginia Tech's facilities complex was named the Sterrett Facilities Complex.

A special naming ceremony was Thursday, April 22, at the Sterrett Facilities Complex located behind Lane Stadium.

The Sterrett Facility Complex consists of two major buildings and associated outdoor workspace located at the south side of campus. Constructed in 1958, the main building has

75,000 square feet and houses the majority of the facility functions that support the university. The second building was constructed in 1963, contains 20,000 square feet and houses the Grounds and Renovations Divisions of the Physical Plant Department.

Sterrett began his career after graduating with honors in civil engineering from Virginia Tech in 1947. After graduation, he moved to Buena Vista as city engineer. Sterrett returned to Blacksburg to serve as its first town manager. He then moved to Henrico County where he served as public-utilities director for 10 years.

He returned to Virginia Tech in 1965 when he was named director of the Physical Plant Department. He was promoted to assistant vice president of administration in 1978. He retired in 1981.

Sterrett, who died Nov. 15, 1993, served as Blacksburg's town manager from 1952 to 1955.

Sterrett also was director of the Blacksburg-VPI Sanitation Authority and director of Blacksburg-Christiansburg-VPI Water Authority. The Greater Blacksburg Chamber of Commerce named Sterrett its Citizen of the Year in 1985.

FORESTRY

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lege and university governance system. New majors and minors also have been approved and will be included in the new catalog.

Similar programs at other universities across the United States have also been changing their names to natural resources. The name reflects the broader scope today of forest-resources education, as it has become increasingly interdisciplinary.

Virginia Tech's College of Natural Resources will continue to have three departments: fisheries and wildlife sciences, forestry, and wood science and forest products.

RESEARCHERS

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Gwazdasukas for producing human pharmaceutical proteins in the milk of transgenic animals.

August 22: Music Professor Kevin Fenton for research on using technology to understand music literature and the experience of excellent performance.

August 29: Professor Barbara Carlisle for research into using theatrical techniques as effective teaching tools for elementary and secondary-school teachers.

September 5: Biochemistry Professor Malcolm Potts' discovery of cyano-bacterial polymers, that may be used to protect organisms in very dry environments.

September 12: Professor John Carroll, whose community-computing research helps develop and evaluate new ways for schools and neighborhoods to collaborate.

September 19: Dairy-science Professor Joe Herbein for his research to improve human health by enhancing beneficial fatty acids in milk.

September 26: Education Professor Sue Magliaro for research on instruction programs that enable students to become successful learners and creative thinkers.

October 3: Professor Randy Ward for re-

search into integrating video and computer technology with live performance to enhance audience perception.

October 10: Computer-science Professor Cliff Shaffer, whose research on collaborative computing is helping people to work and learn together.

October 17: Professor Shirley Luckhart for investigating molecular aspects of the malaria life cycle to identify new strategies for disease control.

BOV

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In its resolution the board said Chichester has been, "a strong advocate for higher education, is a respected authority within the legislature, and has played a pivotal role in higher-education issues."

The university will formally confer the award at the Spring 1999 Commencement where

Chichester's daughter, Holly, also will receive her bachelor's degree from the university.

The board also passed a resolution commending industrial-and-systems-engineering alumnus Homer Hickam, for his recent literary successes. Hickam's memoirs, *Rocket Boys*, recently became a major motion picture and is currently playing around this country. His book was re-released in paperback under its movie title, *October Sky*, and is currently ranked number one in the nation on the New York Times bestseller list. Hickam retired from a career with NASA in 1998.

Noting the inspirational tone of his work, the board noted in its resolution that "Hickam's book, movie, and his life serve as an inspiration for all those who seek knowledge and discovery in order to answer questions posed by the unknown." *Rocket Boys* tells the story of Hickam's early self-taught exploits at rocket making and his childhood in Coalwood, W. Va., where academic achievement was not often a major aspiration.

The board commended Hickam because his "resultant successful and fulfilling career, which began from modest beginnings in the West Virginia coalfields, is a testament to the power of education."

