

WILLIAM & MARY

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NEWS

VOLUME XXVIII, NUMBER 20

A NEWSPAPER FOR FACULTY, STAFF AND STUDENTS

THURSDAY, JULY 22, 1999



photo by Bill Walker

Like many across campus this summer, participants in the youth soccer camp stay cool by taking frequent, if unconventional, water breaks.

Campus Beats The Heat, Feels The Rain

Despite days of extreme heat and periods of soaking rain this month, College workers are meeting maintenance requirements and completing campus-wide construction and renovation projects.

"When it's so hot, it's hard to get your basic job done," said Carlton Watson, a groundsworker on the ancient campus. "But we want to keep things looking good so we do it, even when it's 103 degrees."

Groundworkers and other outdoor personnel get a jumpstart on the heat by arriving early to work, often by 6 a.m.

To ensure workers' safety, Larry Richards, director of environmental health and safety, has held training sessions and distributed fliers describing heat injury prevention.

"Our primary interest is always employee safety," said Richards. "The keys to preventing heat stress are taking frequent breaks in the shade or air conditioning and drinking plenty of cold water or decaffeinated drinks. Our supervisors do a good job of making sure people have fluids available in the field."

The College's 15-plus campus renovation projects must proceed regardless of the weather. "We have a limited time before the students return, so we have to adapt," said Chris Raha, associate director of Facilities Management's capital outlay division. "Fortunately, we have a good group of contractors."

Workers covered in "hazmat" suits to remove lead-painted windows from Tyler Hall, roofers harnessed into heavy safety equipment and renovators working in buildings without air conditioning all adjust their schedules and pace themselves to get their jobs done.

While the rain slows roofing projects, workers at Tyler Hall can shield themselves from downpours by covering window holes. Light drizzle doesn't stop landscapers, but in heavy rains they're inside fixing equipment. At the Sarah Ives Gore Child Care Center, however, rain and high temperatures keep kids and staff indoors.

"We try to think of new projects to keep the kids' interest, but there's a lot of pent-up energy," said teacher Sheila Johnson. Student worker Raquel Cabral, a junior elementary

education and sociology major, said the weather has been hard on the kids, who normally go outside twice a day. "They get so restless, and I hate to tell them no," she said.

Extreme weather hasn't stopped athletic events, conferences or classes. The College's summer youth soccer camps have scored about 900 participants who play through the rain and take more water breaks when things heat up. Even ceramics students persevere, though they confront kiln temperatures in excess of 2,000 degrees in the Old Power Plant studio.

To accommodate summer conferences, housekeepers prepare residence halls, including the ones without air conditioning.

"We have to work with the situation and try to use some wisdom," said Allison Wildridge, associate director of Residence Life. "I do my best to draw up the schedules with compassion, making sure we have enough people to get the job done, but in a merciful way."

For some, however, there is no mercy. Across campus, grass dries

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A Celebration Of Service

President Timothy J. Sullivan invites classified and hourly employees to attend the Employee Appreciation Day luncheon, Wednesday, July 28, 11:30 a.m. to 1:30 p.m., in William and Mary Hall. Service awards will be presented at 12:30 p.m., and the program will also feature door prizes. Employees celebrating 30-plus years of service are featured on Pages 4 and 5 of this issue.

ALICE JOHNSON

This Baker Takes The Cake

Well-known on campus for her sweet potato pie, Alice Johnson has been baking cakes, pastries and other treats for 26 of her 40 years at the College.

She began as a dishwasher in Trinkle Hall and was soon promoted to supervisor. "We all took turns cleaning trays or running the dishwashing machines, so there was a lot of give-and-take among co-workers," she said.

After seven years, Johnson was needed in the "pantry," where she prepared and set up salads for another seven years. Now she does what she considers her forte—she bakes pies and cakes in the William and Mary Commons Bakery.

"I have always enjoyed working here because of the people," Johnson said. "Work goes better when people get along and cooperate. And that's what I have found here at William and Mary."

While most of her creations are de-

licious successes, occasionally something goes wrong. "One time I made a fresh apple cake—from a recipe I used many times before and since—but this one was so heavy and gummy that we just couldn't use it," she said.

In the past 40 years Johnson has worked with the many companies that have provided meals for students and staff. "All of them have been companies with people who were good to work with," she said.

Self-described as "just a plain person," Johnson likes to go places. "I'm not one to just sit at home," she said. Active in her church, she attends services several times a week, and enjoys activities at a senior citizens' center.

Johnson is the mother of five children, all of whom have worked for the College, and 13 grandchildren. Her oldest son, she said proudly, paid for his college education by working for William and Mary's dining services. ■

by Ann Gaudreaux



When she's not working in the Commons Bakery, Alice Johnson enjoys spending time with her baker's dozen of grandchildren.

Revolutionizing Leadership

Alumnus examines 'co-leaders' in new book

Leadership is a common quality among William and Mary students, many of whom have gone on to head companies, institutions and even nations. So it is not surprising that a William and Mary alumnus has written a revolutionary book on the subject.

Published this spring by John Wiley and Sons, David A. Heenan's *Co-Leaders: The Power of Great Partnerships* challenges the traditional leadership paradigm that credits a single individual—often a celebrity CEO like Microsoft's Bill Gates—with an organization's success. The new leadership model acknowledges the lesser-known deputies whose behind-the-scenes contributions are essential to an organization's success.

"The old corporate monotheism is finally giving way to a more realistic view that acknowledges leaders not as organizational gods but as the first among many contributors," Heenan writes. "In this new view of the organization, co-leaders finally come into their own and begin to receive the credit they so richly deserve."

Co-leadership cultures emphasize collaboration and allow leaders to lead and follow. Information, responsibility and rewards are shared.

In this first comprehensive study of co-leaders, Heenan and coauthor Warren Bennis—also an internationally recognized leadership expert—illustrate co-leadership in action by examining famous partnerships in business, politics, literature and sports.

Through a dozen lively portrayals—from Secretary of State George C. Marshall and President Harry Truman to Helen Keller and her miracle worker, Anne Sullivan Macy—the authors demonstrate effective co-leadership.

While there are almost as many versions of co-leadership as there are leaders, common qualities exist. Successful co-leaders courageously share dissenting opinions. They use creativity and loyalty to best serve their organization. Equally important is their capacity to thrive in another's shadow.

In corporate America, the shift from the traditional "Great Man or Woman" theory of leadership to co-leadership began in Silicon Valley and other high-tech environments and has spread to other industries trading in intellectual capital.

"The most exciting work being done today is collaborative, accomplished by teams of people working toward a common goal," said Heenan, a member of the Class of 1961. "In the workplaces of the new millennium, one of the leader's most important roles is to retain the necessary talent and unleash it."

A society that values celebrity and status may resist a new leadership model, but to remain competitive, individuals and organizations must embrace the inclusivity of co-leadership, said Heenan.

"Ideas no longer belong to the company, but to the person who has them. And the employee with the brightest ideas may be the summer intern or the firm's latest

hire," he said. "If these workers aren't included in key decision-making, they can become disenchanted, walk out the door, create a start-up across the street and become a fierce competitor."

Co-leadership works because it is mutually rewarding. Individuals learn from their co-leader mentors and are motivated by feelings of empowerment. Those who play a supporting role may also enjoy satisfying work without the stress of being the star.

Because co-leaders emerge at all levels, William and Mary graduates may begin their careers in co-leadership environments. Heenan advises students to consider a company's leadership style before accepting a job offer: "Ask yourself, of all the people you've interviewed with, whom do you most like? Do they inspire you? Are they truly exceptional people? In the final analysis, go with your gut."

Heenan, who received a master of business administration degree from Columbia University and a doctorate from the Wharton School of the University of Pennsylvania, has assumed leadership and co-leadership roles in business and academe. He was a Phi Kappa Tau president, vice president and secretary, and after graduation served five years in the U.S. Marine Corps, an organization of exceptional co-leaders. Heenan has been a leader in the classrooms of the Wharton School, Columbia University and the University of New South Wales and has been vice president of aca-



photo by Dan Avila

David Heenan '61

democratic affairs at the University of Hawaii, and before that, dean of its business school.

In 1995, he was appointed a trustee of the Estate of James Campbell, one of the nation's largest landowners, in Hawaii, where he has lived for 25 years. In this co-leadership position, Heenan oversees the trust's \$2-billion-plus assets. A prolific writer, he has published three other books and has contributed to such publications as the *Harvard Business Review*, the *New York Times* and the *Wall Street Journal*.

Although Heenan began researching co-leaders in the early 1990s, he was first inspired 40 years ago by his Phi Kappa Tau fraternity advisor, James Kelly '51. Heenan describes Kelly, now assistant to President Timothy Sullivan and secretary to the Board of Visitors, as the quintessential co-leader, acknowledging him in the book's preface.

"I know he's had the opportunity to be number one or to go elsewhere, but he put his love of William and Mary ahead of self, ahead of his own ambitions," said Heenan. "I think as a result William and Mary is much better off." ■

by Amy Ruth

For a closer look at Charles Merrill, founder of Merrill Lynch & Co., and his second-in-command, Win Smith, Heenan recommends *From Wall Street to Main Street*, written by classmate Edwin J. Perkins '61. Perkins, an economic historian, recently retired from the history department at the University of Southern California. Released this year by Cambridge University Press, his book tells the story of the world's largest brokerage and investment firm and its founder.

C-SPAN Examines Tyler Presidency

Alumni, professor help tell Tyler family story

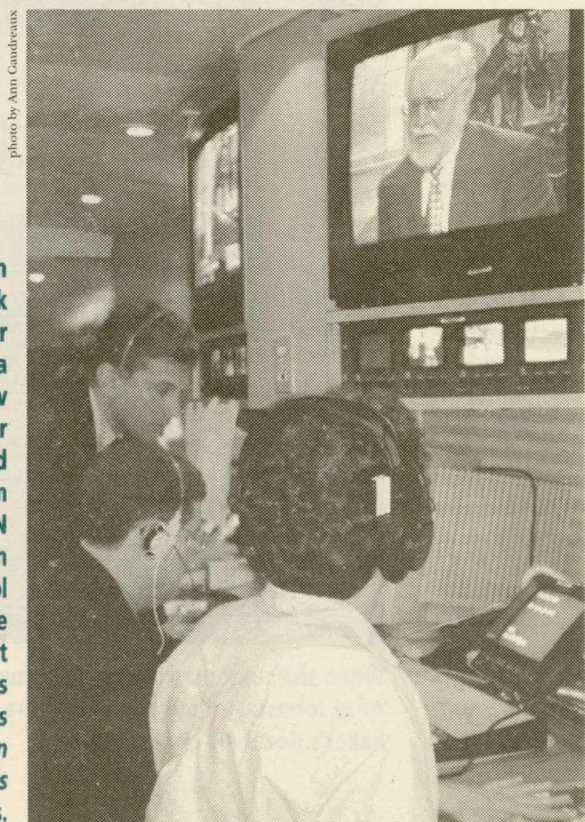


photo by Ann Gaudreault

Television producer Mark Farkas '83 (far left) and a C-SPAN crew monitor Professor Ed Crapol from the C-SPAN production bus. Crapol discussed the life of President John Tyler as part of C-SPAN's *American Presidents* series.

Thanks to C-SPAN and its traveling production bus, television viewers across the nation enjoyed a virtual visit this May to the home of John Tyler, a William and Mary alumnus and the 10th president of the United States. The three-hour live program included a tour of the Tyler home, a discussion with the president's grandson Harrison Tyler '49 and an historical assessment of Tyler's presidency by Chancellor Professor of History Ed Crapol.

And because John Tyler, his son Lyon Gardiner Tyler and grandson Harrison have all been closely associated with William and Mary, the national television audience gained an appreciation of the Tyler family's two centuries of contributions to the College.

Called "a man without a party" by colleague Henry Clay, President Tyler served one term, between 1841 and 1845, following the death of President William Henry Harrison. Tyler was also a Virginia

delegate and governor and served in both houses of Congress. The College conferred a Doctor of Laws degree on him in 1854. From 1859 until his death, in 1862, he was chancellor of the College.

Harrison's father, Lyon Gardiner Tyler, was the fifth child of John and his second wife, Julia Gardiner Tyler. Lyon taught literature at the College in 1877 and 1878 and served as its president from 1888 until 1919. He is credited with reviving the College—which had curtailed its activities for lack of funds—by securing a state annuity from the House of Delegates.

By 1891, Lyon had assembled, with the limited funds available, a small but able teaching staff known as "The Seven Wise Men." Lyon's tenure saw the revival of the College's "Association of the Alumni" and the publication of the

CONTINUED ON PAGE 6.

campus crime report

June 1999

crimes

Simple assault and indecent exposure	1
Credit card/ATM fraud	1
Destruction/damage/vandalism of property	3
Drug/narcotic violations	1
Disorderly conduct	2
Driving under the influence	1
Public drunkenness	1
All other offenses	4
Larceny and motor theft	
From buildings	1
All other	5

arrests

Driving under the influence	1
Public drunkenness	1
Indecent exposure	1
Assault and battery	1
Summons (traffic)	32

notes

First Virginia Crouch Memorial Research Grant Awarded

Leah McDonald, a master's student in biology, is the first recipient of the Virginia Crouch Memorial Research Grant, awarded June 1.

A tribute to the extraordinary life of Virginia Crouch '90, who died in a 1997 fire, the grant was established by her many friends, associates and family members. A native of Arlington, Crouch was keenly interested in colonial history and field botany. In recognition of her significant expertise in both areas, the annual grant will alternate between the history and biology departments.

Crouch held a master's degree in forestry ecology from Auburn University and was a botanist with the District of Columbia Natural Heritage Program and National Capital Area Conservation Data Center. At the time of her death, Crouch was preparing an inventory of trees mentioned in colonial land grants in an attempt to visualize Virginia's colonial landscape. Her other passions included rock climbing, storytelling and collecting oral histories of rural Southerners.

McDonald was selected by a faculty committee for her outstanding commitment to plant ecology. The grant supports her field work and greenhouse experiments with biology professors Martha Case, Donna Ware and Stewart Ware. Crouch's studies of the College Woods' flora and vegetation, conducted for her senior honors thesis under the direction of Donna Ware, will aid McDonald's research.

A native of Annandale, McDonald received a bachelor's degree in biology with a minor in philosophy from Tennessee's Rhodes College in 1997. She is a biology department representative to the Graduate Student Association and has taught botany and zoology lab classes at the College.

Post Office Unveils Fish Stamp At VIMS

Stamp collectors and marine life enthusiasts gathered at the Virginia Institute of Marine Science Aquarium last month to purchase the new series of 33-cent stamps depicting aquarium fish. The Gloucester Point postmaster unveiled the stamps in a short ceremony and provided a special first-day cancellation: "VIMS, Aquarium Station, Gloucester Point, VA 23062, June 24, 1999."

Issued as a reminder of both the splendor of marine life and the need to preserve it, a complete sheet of the stamps provides a panoramic view of saltwater species of marine life, including, at left, a flame angelfish swimming in front of a featherduster worm.

**Swem Library Parking Update**

Due to the construction project currently under way at Swem Library, visitors are asked to park near the Muscarelle Museum, off Jamestown Road. The meters previously located behind the library have been moved to this new location. Parking for disabled patrons and staff remains in the lot behind the library.

Construction has also closed several parking spots previously used by faculty and staff. More parking spaces will be taken over as the construction work continues to expand. Faculty and staff should use appropriate spaces in the lots by Morton Hall and the Muscarelle.

New Partnership Provides Learning Opportunities On Eastern Shore



photo by Dennis Blanton

Collaboration results in significant archaeological finds

Last summer, archaeologists (left) hand-excavated three test sites in Northampton County, unearthing several prehistoric artifacts, including this stone projectile point (right).

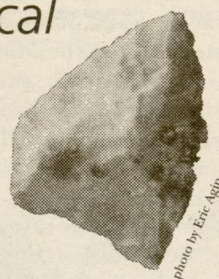


photo by Eric Agin

An archaeological study of a little-examined prehistoric site in Northampton County has yielded evidence that the Eastern Shore's earliest human inhabitants enjoyed extensive commerce with settlements in the north, a relationship that has been speculated upon but never proven. This discovery, made within the Nature Conservancy's Virginia Coast Reserve (VCR) on the Thomas Wharf Site, establishes the significance of the region's immense yet understudied Native American history.

Further study of the region's history, ecology and archaeology will be undertaken through an agreement recently signed by the VCR, Virginia Tech's College of Architecture and Urban Studies and William and Mary Arts and Sciences.

Since 1994, the three institutions have collaborated on multidisciplinary research projects on the Eastern Shore's barrier islands and coastal salt marshes. Owned by the Nature Conservancy, a private, international conservation organization, the 45,000-acre VCR is one of the most important and biologically diverse ecosystems in the United States.

Coordinated by Professor Ron Kagawa of Virginia Tech and directed by Dennis Blanton, director of William and Mary's Center for Archaeological Research, a team of faculty and students last summer discovered several beads of Dutch origin, mainly of blue glass. Used extensively for trade in northern settlements, the beads provide evidence that inhabitants of the peninsula traded with their northern neighbors.

"These are trade beads that potentially predate Jamestown," said Blanton. "And they tell us that during the colonial period, this site had a stronger connection to settlements in the north than was previously believed, namely with the

Dutch sphere of trade and influence in New York and Pennsylvania. While there have been hints of this connection in the historical record, irrefutable evidence has been lacking until now. Establishing the link is one of the significant contributions of our work so far, one that stands to come as a revelation to many scholars."

The team also uncovered artifacts and preserved food remains further illuminating the region's human habitation and land use.

"We can reconstruct what the early inhabitants of the site were eating and by extension what attracted them to this area of the Eastern Shore," said Blanton. "Between A.D. 1000 and 1400, people took advantage of the site because of plentiful food supplies. But there is only meager evidence of human activity there before about 3,000 years ago, indicating that the site was a different setting in those earlier millennia and may have been a less attractive place to settle."

Preserved garbage-filled pits and post holes indicate the presence of a permanent settlement dating to about 1,000 years ago.

"These findings have opened a new era of knowledge about the Eastern Shore," said Blanton. "We can surmise that the site was also the location of a small, contact-period farmstead, an aspect of the local history we know little about anywhere on the Eastern Shore."

In effect from May 1, 1999, to May 1, 2004, the formal agreement between the three institutions provides a forum for continued collaborative efforts, such as the Thomas Wharf Site project. The partnership will provide faculty, staff and students with coordinated, multidisciplinary teaching, learning, research and outreach opportunities, including sharing of facilities, materials and other resources.

"The same spirit of

collaboration that allows the three partners to offer hands-on research and learning opportunities and exchange research data and findings will ultimately strengthen our respective programs," said Geoffrey Feiss, dean of faculty of arts and sciences. "Our work on Virginia's Eastern Shore will help us to understand this region on many levels and contribute to its continued preservation."

The Nature Conservancy began its involvement on the Eastern Shore in 1969, and over the years has created a preserve of 45,000 acres on the mainland, the contiguous salt marsh and 14 islands.

Research opportunities exist in the environmental, marine and natural sciences, as well as in history and anthropology. Ornithologists study the many species of birds that nest in the region during the summer and migrate through in spring and fall. Future archaeological study will allow researchers to reconstruct subsistence patterns and local environment changes, placing the site in a broader context of interpretation. ■

by Amy Ruth

Discovered on Virginia's Eastern Shore, these glass beads—in layers of blue, red and white—date to between 1590 and 1630.



photos by Eric Agin

Celebrating SERVICE

LENA JEFFERSON

Jefferson At Washington

Five days a week for three decades, Lena Jefferson has cleaned the same building. And she wouldn't have it any other way. Housing the anthropology department, the first floor of Washington Hall is Jefferson's home away from home.

"The people in this department make me feel so wanted," she said. "They are down-to-earth and they care about me as a person. We're a big family."

Although Jefferson is officially a housekeeper, she is as much a caretaker of the building's inhabitants as she is of the building itself. Students seek her out for advice, encouragement or a friendly chat—even after they've graduated. Faculty introduce her to new students, saying: "Whatever you need in the department, ask Lena. She'll know."

"Students leave and they're gone for years but they always come back to visit me," she said. "I still

get cards every Christmas."

Anthropology faculty and staff also appreciate Jefferson's personal touch. "When they go on their research trips and vacations, they always bring me gifts," Jefferson said. "They never forget me."

In addition to her upbeat personality, Jefferson is well-known for her work ethic. For 25 of her 30 years at the College, she also worked part-time in food service at Colonial Williamsburg.

"I preferred working harder instead of having my mom work," explained Jefferson, who shares a home with her mother. "The grace of God kept me going."

When her mother received cancer treatments for six months in 1990, Jefferson adjusted her schedule to accommodate her mother and her co-workers. She worked half-days at the College, then accompanied her mother to the hospital. Although her supervisor, Joan Jackson, encouraged Jefferson to

take more leave, she refused.

"I could have taken whole days, but then the workload would have been heavier for someone else," Jefferson said. "My supervisor always admired me for that. Whatever trials and tribulations I had, I always tried to work as much as I could."

Jefferson's work ethic makes her highly sought-after. "When Washington Hall was renovated I worked in other buildings," she said. "I like it everywhere I go, and I get along with people so much they don't want me to leave. But Washington Hall always gets me back!"

When she's not working, Jefferson enjoys reading and cooking, and Sundays she prepares a four-course dinner for her family, including two grown sons. And while she said she's not a green thumb, she enjoys flowers. "I love looking at the flowers on campus," she said. "They're so beautiful." ■

by Amy Ruth



Anthropology department faculty and staff show their appreciation for Lena Jefferson with gifts from their travels. Here, Jefferson wears a silk scarf from Spain, a present from Professor Tomoko Hamada.

BETSY CROSWELL

Taking Care Of Business

For three decades, the School of Business Administration's master's program and Betsy Croswell have flourished together. Between 1965 and 1968, Croswell worked in the Bureau of Business Research, then joined the business school two years after its 1966 MBA launch. She has gradually grown into her current position as director of the Evening MBA Program and registrar of the three MBA programs.

"I just wanted to continually do more and be more involved because I love my job," said Croswell. "And I was fortunate that I had associates who allowed me to do that."

Croswell manages all aspects of the Evening MBA Program, recruits students and interviews candidates. One day a week she works at the Peninsula Center in Newport News, where the program's classes are taught.

As registrar, she handles all MBA student registration and add/drop activities and assists students with schedules and questions. She continues to take on new responsibilities as registrar, most recently by adding the new master's program in accounting to her already overflowing plate.

"I enjoy knowing that there are students out there for whom I've made a difference," she said.

Like so many others on campus, Croswell goes into high gear around commencement. "In May, I'm making sure grades get in on time, certifying students for graduation, handling summer school registration, coordinating the BBA and MBA diploma programs and planning the MBA brunch," she said.

Continually challenging herself, Croswell somehow finds time for special projects, like coordinating the first MBA Alumni Directory in 1988. The school's alumni dedicated the directory to Croswell, who "worked tirelessly



Betsy Croswell has helped the College's MBA program grow from graduating a class of nine to graduating a class of more than 200.

for the past 23 years toward the advancement of the MBA Program and the School of Business Administration."

Croswell has seen the MBA program grow in size and scope. The first class of nine students graduated in August 1967. In May 1999, 115 MBA degrees were awarded, and about 100 more will be granted in August and December.

"It's amazing to think of how far we've come," said Croswell. "We've seen so many improvements in resources and offerings, we've expanded our programs and brought in better students every year. Things just keep getting better."

As her 2001 retirement approaches, Croswell said it will be difficult to say goodbye.

"I've spent most of my life here, and it will be hard not coming to campus every morning," she said.

Croswell, who thrives on activity, plans a short retirement. "I think I'll take six weeks off, then return to the workforce in a new field," she said. "I just have to stay busy." ■

by Amy Ruth

SYLVIA STOUT

A Way With Numbers

When Sylvia Stout first arrived in the physics department, the book-keeping system was kept in two file folders. It was 1968, and 21-year-old Stout—armed with a 10-key calculator—assumed responsibility for the department's \$35,000 budget. She used a typewriter to transcribe faculty research papers and student dissertations.

"Things are a lot different now thanks to computers," she said. "Most faculty do their own letters and papers, and that's freed me up to do my regular work, like spending their money!"

Thirty-one years later, Stout, a grants specialist, works at the same desk overseeing the department's budget. Only now it's about \$5.5 million spread across 60 computerized accounts. Her co-workers—who credit Stout with the department's smooth operation—marvel that she keeps everything straight.

New challenges keep Stout's days interesting. "The most complex situation is when the money is split between two entities, like William and Mary and Jefferson Lab," she explained. "I have to set up a payment schedule if a faculty member gets, for example, 37.5 percent of their salary from Jefferson Lab



For almost three decades, traveling physics department faculty, staff and students have sent postcards to Sylvia Stout.

and the rest from the College."

For Stout, the department's 100-plus workers who depend on her in a myriad of ways add up to a lot of calculations. But Stout doesn't see numbers when she looks at her co-workers.

"The people here are so respectful and genuine," she said. "There is nothing artificial about them. Plus, physicists make really interesting people."

As the department grew, so did Stout's knowledge of College regulations. She has a reputation for being 'in the know' and frequently receives SOS calls from on- and off-campus personnel.

Stout is probably just as well known for her postcard collection. "When someone was going on vacation, I probably said something like 'send me a card.' Now every-

one knows it's the rule. If you don't send a card, you can't come back."

One group of vacationing students sent a postcard listing their expenses. "They were kidding around, like they were putting in for reimbursement," Stout remembered.

It's no surprise that in her spare time, Stout enjoys counted cross-stitch. "Everything I do, I count," Stout said. "I find myself chopping vegetables and I count the chops. I have to stop myself."

Despite her finesse with figures, Stout can't count her fondest memories. They're too numerous.

"William and Mary is such a friendly school," she said. "I wasn't in the physics department very long before I realized I wouldn't want to work anywhere else." ■

by Amy Ruth

HENRY WHITEHEAD

From Transistors To Lasers

Henry Whitehead has spent nearly 31 years repairing and assembling electronic equipment that has been an integral part of scientific and technological research in this country.

An electronic technician, Whitehead began his career in transistors, working with a group representing NASA's Space Radiation Lab, William and Mary, Virginia Tech and the University of Virginia. Now at the forefront of technology, he works with the Department of Energy's premiere nuclear physics research lab, the Thomas Jefferson National Accelerator Facility, in Newport News.

"Before I came to the College, I did industrial work and

the main concern was the bottom line, not the people," Whitehead said. "At the university, I found a progressive and personal workplace."

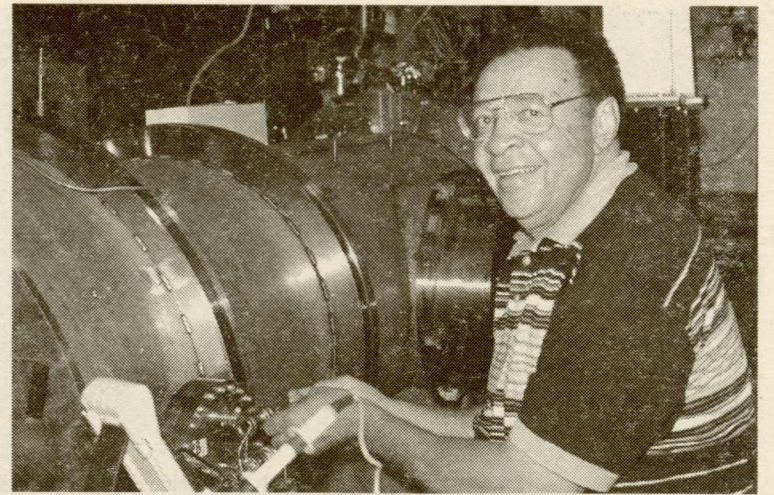
When he arrived at the College, his co-workers were technicians who worked on the first microprocessors. "There was lots of new technology to catch up on," he said. "It was the first time I had worked on integrated surfaces, and I got to learn new fields of electronics."

He helped build each of the 40 cryomodules that make up the linear portions of the accelerator. "We were all concerned about how well the accelerator would work," he said. "Our group tested each cryomodule, and, in 1988, when the first test was successful, we were all very proud."

Although he enjoys working at Jefferson Lab, Whitehead misses the interaction with physics department faculty and staff, especially Dr. Hans von Baeyer.

In 1983, von Baeyer suggested to the Department of Energy that it locate a superconductor in Virginia. While preparing a proposal, von Baeyer asked Whitehead to photograph the location and its facilities and capabilities. Today, Whitehead's pictures are on display at Jefferson Lab.

Whitehead's co-workers describe him as dependable. "I enjoy people," he said. "I also like to spend time alone, but I like to work with the group. Some of us have worked together for a long time. We



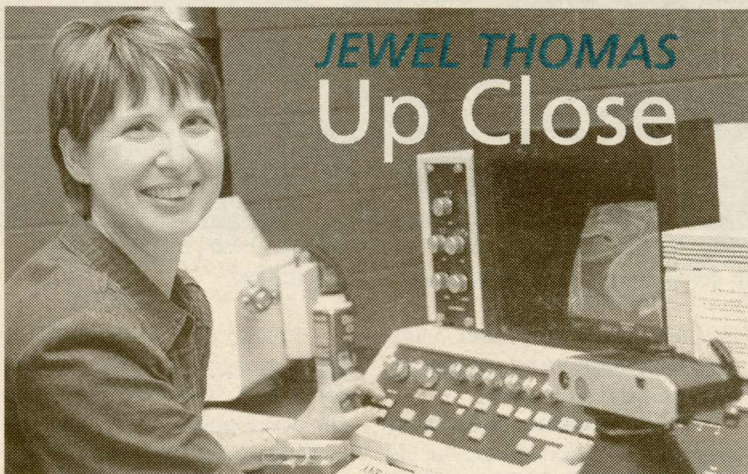
Henry Whitehead appreciates Jefferson Lab's personal work atmosphere.

trust and depend on each other."

Married with three children, Whitehead enjoys sports, art and photography. In 1995, Jefferson Lab's Black History Month Committee awarded him a Special

Recognition Award "for his dedication to science and the African-American community." ■

by Ann Gaudreaux



JEWEL THOMAS
Up Close

Jewel Thomas examines biological samples with a scanning electron microscope.

As a new VIMS employee in 1968, Jewel Thomas learned to use an electron microscope, then the latest equipment to study specimens at high magnifications. Four years later she joined the biology department.

Today, the senior laboratory specialist maintains the electron microscopy lab, prepares research specimens and teaches students how to use the scanning electron microscope (SEM) and the transmission electron microscope (TEM).

The SEM explores the outside of things while the TEM allows researchers to look inside specimens. Preparing TEM samples is more complicated because the specimens must be chemically fixed and dehydrated before being encased in resin and sliced into ultrathin sections.

"It's satisfying when it works," Thomas said, "but you can spend a week on a sample and when you cut into it see you've wasted your time."

As additional departments use the electron microscopes, Thomas trains students from across the sciences. She captivates new users with her "gee whiz" specimens, like flies' eyes and butterfly wings.

"They're all works of art," she said. "You look at them and you know there's a God."

Thomas has worked with many specimens, including red alga, jellyfish, the worm *C. elegans* and mites.

"Working with mites you discover new things because they're hard to work with and few people study them," she said.

While her specimens may be difficult, Thomas herself is flexible. "I strive to make life as easy as possible for my co-workers," she said.

Three years from retirement,

Thomas looks forward to chucking her alarm clock and increasing her recycling activities. "I think it's important to take responsibility for the products we use by dealing correctly with them," she said.

Thomas initiated a recycling program in Millington Hall several years ago. "I've been known to go through the trash for cans and glass," she said, half jokingly, then added, "It's important to me." ■

by Amy Ruth

JOYCE SMITH

"Qualities Of Leadership"

After 31 years at the College, Joyce Smith, housekeeping supervisor, said, "I'm going to keep working until I get tired. I don't want to retire now and then have to start a new job all over again in a few years."

Smith supervises nine people who clean the Ludwell Apartments, Brown Hall, Sorority Court and the Dillard Complex.

"I like the people I work with," she said. "I try to work on relationships with co-workers, so wherever I go I have new friends and friends I have left behind."

Smith began her career working for housemothers and fraternities.

"The big difference since the first year is that we used to clean students' rooms," Smith said. "We used to come in every other Saturday to haul the trash out of the dorm. Now the students take

their own trash out to the dumpsters."

Since then, Smith has seen many other changes. The staff now cleans the common areas of the dorms, there are no housemothers and there are fewer male students on campus. "There also used to be teams of men who would come in and clean the floors," she said. "Now men are housekeepers, not just women."

Among co-workers, Smith is considered a family member. "We are all like a family, although our times together have been reduced," she said. "We all used to gather on Fridays, share our lunch time and relate events that happened during the week. We don't seem to have time to socialize much any longer."

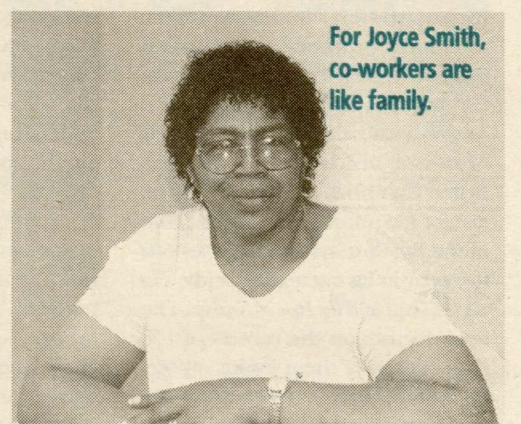
In the 1970s, Smith had an opportunity to test her management skills. When her supervisor broke a leg, Smith assumed her responsibilities. Her boss returned to

work and told Smith she would make a good supervisor. She was promoted within one year.

This comes as no surprise to Smith's current supervisor, Ilona Wilkins. "Joyce is a gentle, quiet-natured person, who is compassionate, understanding and patient," Wilkins said. "She has the qualities of leadership that are needed to oversee people."

Smith likes to play bingo and frequents games organized by the Red Cross and the Moose Lodge. She also loves to crochet and play with her six grandchildren. ■

by Ann Gaudreaux



For Joyce Smith, co-workers are like family.

LORENZO JACKSON

Wisdom Behind The Wheel

Behind the quiet demeanor of Lorenzo Jackson are the strength and wisdom born of experience. One of eight College bus drivers, Jackson has kept things rolling around campus for three decades. And like the legendary mailman, bad weather and poor road conditions don't slow him down.

"We're the essential employees who come to work, no matter what," said Jackson. "We have to get the students to the cafeterias for breakfast and to classes."

Jackson came to the College as a landscape worker in 1965, a tumultuous time, even in Williamsburg. After a brief stint at Colonial Williamsburg, he joined the College's transportation department in 1967.

"When I started there was a lot of prejudice from the students," he remembered. "But as the years passed that has improved."

When confronted with racism in the difficult 1960s, Jackson responded as he felt a College employee should—by turning the other cheek. It's likely that his dignified example made a lasting impression on some students.

"I was always taught that as long as a person doesn't lay their hands on you, what they say to hurt you doesn't matter," Jackson said.

Today Jackson does have the opportunity to get to know students. One invited him to her wedding. Others use cards or cookies at Christmastime to say 'thank you' for the essential service Jackson and the other bus drivers provide, seven days a week, 19 hours a day.

A close-knit group, many of the bus drivers grew up together in East Williamsburg, where Jackson's talents as a high school baseball player made him something of a local hero. Jackson's co-workers still hold him in



Lorenzo Jackson has safely delivered students to their destinations for 32 years.

high esteem, regarding him as a role model. He often lends his ear and freely shares the benefit of his experience.

And after 32 years and countless miles, Jackson has a valuable perspective on everything from the campus alcohol policy to the fleet of "green machines" he drives.

While he is pleased that the College is working to curb student alcohol consumption, he'd like to see more progress. As a father, he

considers the safety of young people a priority. "We as drivers do need help in this area to ensure the kids' safety," he said.

When not enjoying the company of his own three grown children, Jackson is an avid fisherman and refurbishes cars.

"My proudest accomplishment is having the health and the strength to do the things that I do," he said. ■

by Amy Ruth

modern languages and literatures

Study Of Brownshirts Has Lessons For Today

One element of Adolf Hitler's Nazi Party that has received scant attention from historians trying to decipher the meaning of the Third Reich is the SA (Sturmabteilung)—the brown-shirted political army that intimidated the party's enemies with mass rallies and torchlight parades, thereby paving the way for Hitler's ascendancy.

The relative neglect may stem from the fact that Hitler decimated the leadership of the Brownshirts in a 1934 purge, replacing them in the Nazi hierarchy with Heinrich Himmler's notorious SS (Schutzstaffel), or Black Shirts, who have captured a great deal of attention because of their central role in the Holocaust.

William and Mary Assistant Professor of Modern Languages Bruce Campbell has taken on the task of examining the critical role of the Brownshirts and their lessons for today in his fascinating study, *The SA Generals and the Rise of Nazism*. The book focuses on the careers of 178 men—many of them junior officers in World War I—who held the organization's three highest leadership ranks between 1925 and 1945.

"The men who eventually became the top SA leaders lived in a peculiar postwar subculture that saw itself under attack by change or modernity," says Campbell. "This subculture reacted with an aggressive mixture of nostalgia for an idealized past, hatred of the present and messianic hope for a future that would somehow put to right everything that was seen to be wrong. This caused these men to see themselves as engaged in social war."

In an odd way, Campbell says, this ideological orientation "allowed them to speak in the name of tradition yet act as revolutionaries."

That contradiction is actually the heart of the enigma surround-

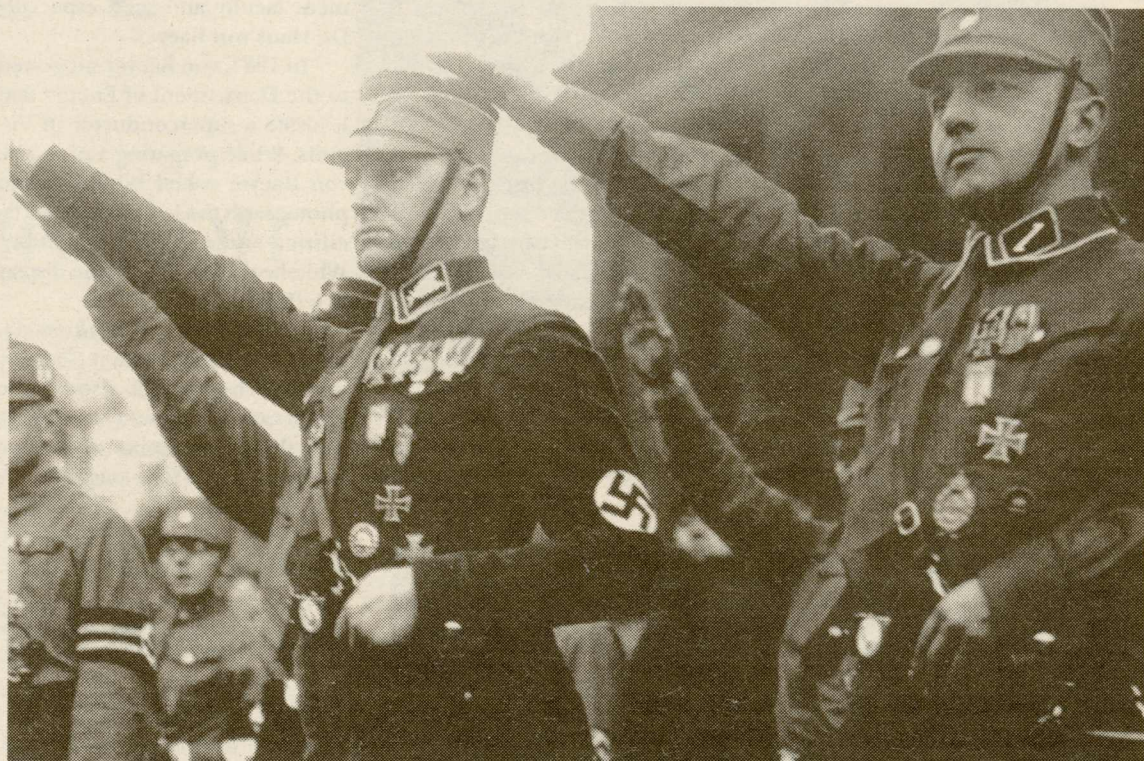
ing the SA: Were the organization's leaders in fact social revolutionaries intent on capturing power for the masses, or political reactionaries propping up the remnants of the pre-World War I Wilhelmine society?

To some extent the point is moot, because Hitler drew his own violent conclusion about the matter in 1934. To mollify the German army, which resented the SA's military power, and to win the support of Germany's major financiers and industrialists, who feared a social revolution, Hitler executed SA leader Ernst Röhm and nearly 100 of the group's officers in a massive purge called the "Night of the Long Knives." Although the SA continued to function throughout the remaining 11 years of the 1,000-year Reich, it would never again exercise a powerful influence on German life.

Campbell points out that the organization's eventual loss of influence does not eclipse the SA leaders' most notable achievement. Between 1925 and 1934, they increased the size of the Nazis' private army from fewer than 30,000 members to more than 4 million—principally World War I veterans, citizens from Germany's lower-middle and lower classes and former members of other right-wing paramilitary groups.

The key to the rapid growth, says Campbell, was the ability of the SA leadership to attract the support of the many paramilitary groups that had sprung up during unrest following World War I. In this regard, Campbell's study has a great deal to teach present-day America, with its rapidly spreading rash of militia and other paramilitary groups.

"Given the situation where there are many such groups (such as in the United States today), it should be clear that it is quite pos-



In 1931, Victor Lutze (left) and other members of the Brownshirts offer the Nazi salute. Three years later, Adolf Hitler would destroy the influence of this political army as he consolidated political control.

sible for many tiny groups to become one large organization in rather short order," writes Campbell. "The practical lesson to be drawn from this book for those who are engaged in tracking and controlling such organizations today is that they should pay particular attention to the links and ties between such organizations, for these are the preconditions for sudden growth."

Although the primary focus of Campbell's scholarship is modern Germany, his interest in the SA has led him to a broader study of paramilitary groups. In line with that, he has just completed editing a book of essays with Arthur Brenner of Siena College entitled *Death Squads: Murder with Deniability*. Included are chapters examining the ways death squads in Germany, Yugoslavia, the Phil-

ippines, Brazil and other countries have influenced politics by murdering rival leaders.

"Next I intend to return to my primary field by examining the life of the Ollie North of 20th-century Germany, Gerhard Rossbach," says Campbell. After serving in the army during World War I, Rossbach headed a paramilitary organization dedicated to overthrowing the Weimar Republic, until the failure of Hitler's "beer-hall revolt" in 1923 convinced him of the futility of violence. Rossbach then moved from fighting the republic with arms to fighting it in cultural ways—in Campbell's words, "moving from cannons to canons." One of his major successes in this area was preserving the independence of the annual Wagner Festival in Bayreuth, which was in danger of being subsumed by the bureaucratic German arts organization.

"To get relief from all the blood and gore," the German professor says, "I am also researching the development of amateur radio in the U. S. and Germany."

by Bill Walker

WILLIAM & MARY NEWS

The next issue of the *William & Mary News* will be published on Thursday, Aug. 19. The deadline for submission of items is 5 p.m. on Friday, Aug. 13, although submissions before the deadline are encouraged. Call 221-2639 with any questions or concerns. For information about classified advertising, call 221-2644. Ads are only accepted from faculty, staff, students and alumni.

The *William & Mary News* is issued throughout the year for faculty, staff and students of the College and distributed on campus. It is also available on the World Wide Web at http://www.wm.edu/wmnews/wm_news.html.

News items and advertisements should be delivered to the *News* office in Holmes House, 308 Jamestown Rd. (221-2639), faxed to 221-3243 or e-mailed to wmnews@mail.wm.edu, no later than 5 p.m. the Friday before publication.

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Crapol And C-SPAN Travel To Sherwood Forest

CONTINUED FROM PAGE 2.

College's first literary magazine and yearbook and the *William and Mary Quarterly Historical Papers*.

Lyon's son Harrison Tyler is currently arranging the sale of his water treatment business to his employees so he can focus full-time on the family history.

During the C-SPAN broadcast, Harrison explained the name of the family's plantation, Sherwood Forest. "My grandfather bought the 1,600-acre property when it was called Walnut Grove," he said. "It was during a time when Henry Clay was furious with him, saying he was 'an outlaw to the Whig Party and retiring to his Sherwood Forest.' Not wanting to run for a second term as a Whig, Tyler paved the way

for James Polk and became a Democrat. Grandfather liked the outlaw name and changed his plantation to Sherwood Forest."

Today, Sherwood Forest is the only presidential home in the nation still inhabited by family descendants.

Crapol, who is writing a book about John Tyler's presidency and recently wrote about Tyler's foreign policy for the *Journal of the Early Republic*, described Tyler's finesse in this area.

"His legacy is that he strengthened and gave importance to the position of the presidency, wrested it from an all-powerful Congress, opened up trading ports with China and annexed Texas," Crapol said.

One C-SPAN caller asked Crapol if he found it unusual that several presidents came from Virginia.

"It's not a coincidence that Virginia produced men who became presidents," Crapol responded. "Virginians were instrumental in gaining independence from Great Britain, and several of the founding fathers, including George Washington and Thomas Jefferson, later became presidents of the new republic. Jefferson was a friend to the Tyler family and served as a role model for the young John Tyler."

C-SPAN visited Sherwood Forest as part of its *American Presidents: Life Portraits* series, which explores the lives of the 41 chiefs of state. Each week, C-SPAN uses documentary-style vignettes, insights from biographers and historians and excerpts from presidential papers and speeches to present a comprehensive profile of each president.

With about 60,000 Tyler documents in its care, Swem Library houses the largest representation of his non-presidential materials in the country, according to John Haskell, associate dean of administrative services at Swem. Documents include correspondence from Tyler's tenure in the Virginia General Assembly, his notes on farming in Charles City County and letters to his son Lyon.

In 1996, the Tyler family established the Lyon G. Tyler Endowment benefiting the College's Center for Archaeological Research. Harrison was also a major contributor to the Class of 1949's record-breaking 50th-reunion gift of more than \$1.1 million. ■

by Ann Gaudreaux

student news

Road Rules

Sophomore races an RV

Imitating the racing technique of Aesop's tortoise-and-hare fame, sophomore Hannah Bennett won first place in the Citra Road Trip RV Challenge in early June. She proved once again that slow and steady wins the race, and the grand prize—a customized recreational vehicle.

The Citra Challenge, a promotional event held at Bristol Motor Speedway in Bristol, Tenn., preceded the Coca-Cola Family 200 NASCAR Craftsman Truck Series Race. Bennett didn't win her race in a Craftsman truck, though. She and teammates Greg Biffle, a NASCAR driver, and Josh from MTV's program *Road Rules—Latin America* circled the track in a Fleetwood RV, with Biffle at the wheel. Speed wasn't the final criterion for winning. Victory went to the last vehicle to run out of gas.

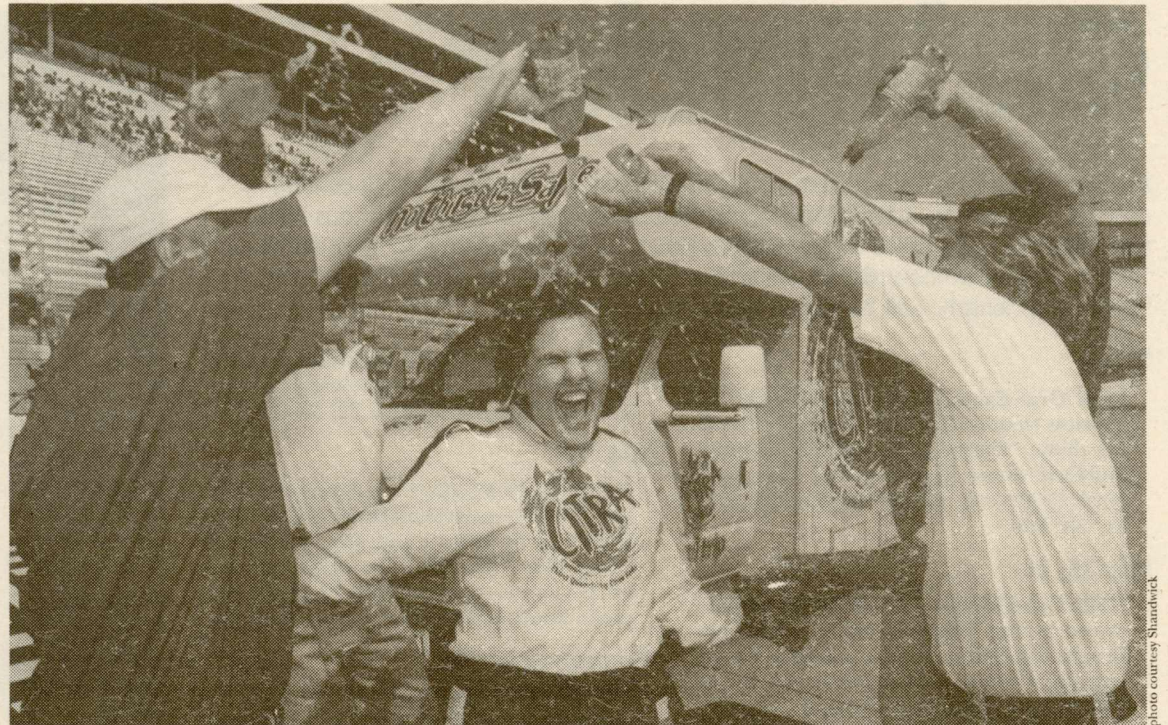
"The final five contestants were

each paired with a NASCAR driver and an MTV cast member," Bennett said. "We chose our vehicles at random. The five RVs had differing amounts of fuel—not necessarily a full tank. We were lucky enough to get the one to run out of gas last. It was a lot of fun."

Bennett's name was chosen at random from a form she completed during the MTV Campus Invasion at William and Mary in early May. One student was chosen from each of 50 campus "invasions," and five national finalists were then selected to race for the grand prize.

"They flew me and a friend down to Tennessee, all expenses paid," Bennett said. "After I won the race, we watched the other speedway races from the Citra VIP suite and were part of a radio promotion."

Here's how it went: As Biffle skillfully drove the RV around the track, Road Ruler Josh hung out the



Sophomore Hannah Bennett enjoys her victory spray after winning the Citra Road Trip RV Challenge last month.

window encouraging the crowd to cheer on his team's vehicle. Since the RVs had varying amounts of fuel, each sputtered to a stop when it ran out of gas, except for Bennett's RV, which outlasted the competitors'. In the winner's circle, Bennett was doused with a victory spray of Citra, a grapefruit-flavored

drink produced by the Coca-Cola Company. Now she owns a fully customized Fleetwood RV similar to the one on MTV's *Road Rules*.

"It was so exciting to win. I am going to drive to Graceland in that new RV!" Bennett said.

A biology major from Chesapeake, Bennett plans a career in

molecular biology and the study of diseases, especially multiple sclerosis. After her trip to Graceland, she plans to sell the RV, pay the taxes on her prize and use the rest of the money for college expenses. ■

by Ann Gaudreaux

campus news

W&M Flourishes With Summer Programs

For a few days after commencement, William and Mary's campus resembled a bucolic summer scene. But not for long. Activity quickly resumed, the fruit of months, even years of planning.

Reves Center For International Studies

The 1999 Keio University Summer Program, offered for the ninth consecutive year by the Reves Center, will run July 23 to August 10. The theme, "Nation, Community, Family, Self: Identity in the 21st Century," introduces 40 Japanese students to concepts of identity and change in the context of American history and culture. Eight William and Mary undergraduates are also participating in the program.

"The Keio program represents a true partnership between William and Mary and Keio University

Shonan-Fujisawa Campus," said Associate Professor of History Craig Canning. "It places Keio students as well as William and Mary's graduate and undergraduate participants in an intensive experiential learning environment."

American studies graduate students design the program in cooperation with the Reves Center and instruct the Keio students with "dialogue classes," rather than lectures. William and Mary faculty offer formal presentations and meet informally with the students. All student participants attend classes and activities to explore central topics such as food, sports, media and nationalism.

Professor Robert Hanny discusses task analysis and mathematics standards of learning during a leadership institute on campus.

School Of Education

The Summer Enrichment Program at the School of Education's Center for Gifted Education began July 12 for students in pre-kindergarten through 11th grade. Students explore specialized areas of math, science and the humanities in classes like "Incredible Edible Math," "Fun-damental Physics" and "Money Rocks."

The third annual National William and Mary School Leadership Institute hosted 42 Virginia principals from June 21 to 25 and 100 school leaders from the East Coast and Midwest June 26-29. These two events followed the culmination of the 1998 Leadership Institute. Those who attended last year's session, now considered fellows, presented the school improvement projects they designed last summer and implemented during the 1998-1999 school year. The institute helps school leaders develop practices to improve student achievement and expand teachers' leadership skills.

The School of Education also sponsored two geometry workshops for elementary and secondary school teachers; a year-long SCHEV Eisenhower Geometry Institute; the SCHEV Eisenhower Algebra Institute Parts I and II for teachers; a statistics course for high school teachers; and a social studies academy for secondary teachers.

Virginia Institute Of Marine Science

VIMS cosponsored the Pathfinder Summer Teachers' Course with the Virginia and North Carolina Sea Grants and the North Carolina Aquarium/Roanoke Island. An oceanography course for teachers, June 19 to July 2, used the Outer Banks and the Virginia shore of the Chesapeake Bay as its classroom. Training in curriculum development, web page construction and computational science tools were part of the program, which examined marine and aquatic habitats, plate tectonics, physical and chemical parameters and deep-sea technologies.

Summer at VIMS also includes environmental toxicology and risk assessment courses as part of the VIMS Chesapeake Short Course Series, which runs through tomorrow. Planning continues this summer for the National Symposium on Catch and Release in Marine Recreational Facilities, scheduled for Dec. 5-9 in Virginia Beach.

Through a grant from the Chesapeake Bay Restoration Project, VIMS and the Tidewater Oyster Gardeners Association offered the Master Oyster Gardeners course, June 28 to July 1. The project provided instruction in oyster aquaculture and prepared participants to serve as resources for oyster gardeners in their communities.

Computer Science

Associate Professor Gian-franco Ciardo chaired the Petri Nets '99 Conference, which was held at the College during the last week of June. A Petri Net is a formal and graphical language appropriate for modeling systems concurrently.

Physics And Applied Science

The physics and applied science departments are sponsoring the 10-week (REU), running through Aug. 6. Funded in part by the National Science Foundation and headed by Professor Jack Kossler, this summer's topics include research in high energy and nuclear physics; atomic, surface and laser physics; and nondestructive evaluation. Research is conducted in collaboration with the Thomas Jefferson Nuclear Accelerator Facility and NASA Langley Research Center.

Mathematics

Eight students participated in the mathematics department's Research Experiences for Undergraduates program by studying matrix analysis and its applications. ■

by Ann Gaudreaux



photo by Ann Gaudreaux

Calendar

Any member of the College community may submit an item about an upcoming event at the College. All information must be provided in writing via campus mail to the *William & Mary News* Office, Holmes House, 308 Jamestown Rd., by Friday, Aug. 13, e-mailed to wmnews@mail.wm.edu or faxed to 221-3243. Items may be edited for clarity or length. Call 221-2644 for more information.

Today

Final Oral Exam for Doctoral Degree in Physics: Deonna Faye Woolard will defend her thesis, "Thermoelastic and Photoelastic Full-Field Stress Measurement." 2:30 p.m., Small Conference Room. Open to the public. 221-3501.

July 25, 26

"With Good Reason": a radio program produced by the Virginia Higher Education Broadcasting Consortium, presents "Farming the Chesapeake," featuring Mark Luckenbach, associate professor of marine science, VIMS. Luckenbach looks at the future of aquaculture in the Old Dominion and how Virginia can return as a major player in the shellfish industry. The program airs locally on WCWM-FM 90.7 (Williamsburg) on Sunday, July 25, at 6 p.m., and on WNSB-FM 91.1 (Norfolk) and WHRV-FM 89.5 (Norfolk) on Monday, July 26, at 9:30 a.m. and 1:30 p.m., respectively.

July 28

Employee Appreciation Day, featuring a luncheon buffet, awards ceremony and door prizes. 11:30 a.m.-1:30 p.m., William and Mary Hall. 221-1365.

Through Aug. 1

Virginia Shakespeare Festival: "Love's Labour's Lost" and "Richard II," in reper-

tory. 8 p.m., Phi Beta Kappa Memorial Hall. For performance information and reservations, call the box office at 221-2674.

Aug. 10

Hourly and Classified Employees Association (HACE) general meeting: "403B—Tax Deferred Annuities and 457—Deferred Comp Plan." Rita Metcalfe, assistant director, personnel services. Noon-1 p.m., Chesapeake Room A, University Center. 221-2741.

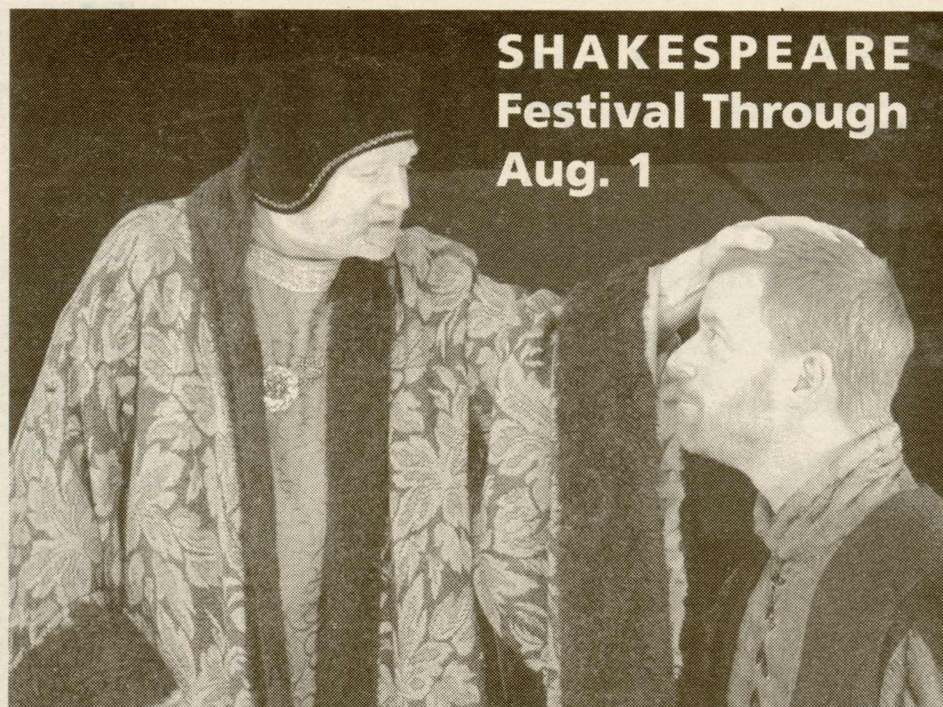
Through Aug. 15

Ash Lawn-Highland Summer Festival: Highlights include performances of *The Marriage of Figaro*, *The Wizard of Oz* and *Susannah*; Summer Saturdays featuring children's theatre; and Music at Twilight, a potpourri of music under the tent. Ash Lawn-Highland, located off I-64 near Charlottesville, is the estate of James Monroe, acquired by the College in 1974. For a complete schedule of summer festival events, call (804) 293-9539.

deadlines

Sept. 30, Oct. 7, Oct. 14

Sept. 30: **Minor Research Grants.** Faculty, staff and students may apply for grants up to \$500. Oct. 7: **Faculty Semester Research Assignments.** Only tenured faculty may apply. Oct.



SHAKESPEARE Festival Through Aug. 1

In the Virginia Shakespeare Festival's *Richard II*, John of Gaunt, played by Tim Morton (left), bids farewell to his exiled son, Henry Bolingbroke, portrayed by Eric Thompson.

14: **Faculty Summer Research Grants.** Only full-time faculty may apply. Policies and forms are available at <http://www.wm.edu/grants/WMGRANTS>. Hard copies are available from the Grants Office, Rowe House, 314 Jamestown Rd. 221-3485.

This exhibition is on display 10 a.m.-4:45 p.m. weekdays and noon-4 p.m. on weekends at the Muscarelle Museum.

Through Dec. 31

"Three Sites: Three Centuries of Williamsburg."

This exhibition is on display on the first floor of Swem Library during library hours.

exhibitions

Through Aug. 15

"Facing the Past: Portraits from the Permanent Collection."

Campus Community Weathers Heat And Rain

CONTINUED FROM PAGE 1.

up in intense heat and flowers fizzle out early.

"When a plant is weak from the heat, insects are prevalent and cause more damage," said Roy Williams, associate director of Facilities Management. "We've got quite a bit of this problem."

Rain in mid-July brought relief and problems. A mineral deficiency in the 4,000 chrysanthemums slated to be planted in September, for example, can't be treated while the plants are wet.

"The yellow in the leaves isn't normal," explained greenhouse supervisor John McFarlane. "We'll get it corrected eventually, but I just hate to see them like this."



Photo by Bill Walker

University Arborist Matthew Trowbridge looks for telltale signs of drought, such as scorched leaf edges, in campus trees. Plants and trees transplanted from the library construction site are especially vulnerable. As temperatures increased and rainfall decreased in June, Trowbridge grew concerned about the relocated trees, particularly about a lace leaf Japanese red maple in front of the University Center.

"It's a very mature and valuable tree and in the heat we have to keep it watered," Trowbridge said. "It was a tremendous challenge to move, but we wanted to save it. Now it just all depends on how it adapts to its new location, which brings additional sunlight."

The trees that lost enormous numbers of branches in the December ice storm also worry Trowbridge. "They don't have as many leaves as they had last growing season, so they are taking in less water than they need to sustain their massive size," he said.

As Facilities Management personnel prepare for a new semester and the return of students, they're listening to weather forecasts with fingers crossed. Projects will remain on schedule, especially if August brings cooperative weather. "We want the campus to look nice for the students, because first impressions are lasting," said Williams. ■

by Amy Ruth

With the process of trickle irrigation, thin tubes efficiently and individually moisten the College's 4,000 ailing chrysanthemums. Greenhouse employees hope to cure the plants' mineral deficiencies in time for their September planting.

classified advertisements

FOR SALE

Colonial house on 1/3 acre in Rolling Woods subdivision (near Jamestown Road & 199): 8 yrs. old, 2,200+ square feet, MBR + 3 additional BRs, all with walk-in closets; 3 full baths; LR with fireplace and built-in bookshelves; DR; kitchen; year-round sunroom with sliding door to deck; garage; fenced backyard. Gas heat, central air. Washer, dryer, dishwasher and gas stove. \$154,900. Call 220-4734 for appointment.

Older home in friendly Indian Springs Road neighborhood. Approximately 1750 square feet, updated interiors, electrical and plumbing. Lots of light. Built-ins for scholarly collections. Two upstairs BRs; downstairs study, kitchen, dining area and large, open living room. Two full baths. Extensive garden and deck. Close to town and College. \$204,000. Call 229-0714 for an appointment.

Brand new 2,400-square-foot, two-story house with 4 BRs, 2.5 baths, formal LR/DR, large master BR, 2-car garage, deck. Gas fireplace, dual zone heat/air. In Deer Run subdivision, backs to Nature Conservancy with walking/bike trails. \$179,000. Call Josie Smith at 229-0550.

1994 4-door Toyota Corolla, white. 94K, gently used. Contact Don Campbell at decamp@wm.edu or 221-2383.

1992 Geo Prizm, white, 4-door. 79K miles, automatic, PB, PS. \$4,000. Call Paul or Paula at 253-8834.

1989 Ford Probe GT, 5-speed. Every option available except CD player. Includes PW, PL, CC, AM/FM/cass., sun roof, 96,000 miles, one owner. All maintenance records, new tires, \$3950. Call Dan at 258-9181.

1987 VW Jetta, 5-speed, silver, AM-FM radio/cassette. 171,000 miles, great condition. Excellent car for student. \$1,400 o.b.o. Call 564-7416.

White 3-pc. computer desk, 31"x63" (includes movable file cabinet and return table), \$100. 15" Gateway 2000 Crystal Scan monitor, \$35. Double printer stand, heavy-duty, movable, never used, \$85. 22" Sunbeam electric lawn mower, with grass catcher, \$50. Garden Way tiller, lightweight, gas-powered, \$75. Sears Craftsman weedeater/bushwhacker, heavy duty, gas-powered, \$75. Karastan 12'x14' antique white carpet and pad, like new, \$500. Piano, Baldwin Acrosonic and matching bench (tuner says looks like new), \$1,300. Call 221-3251, 7:30 a.m. to 4:30 p.m., or (804) 776-9045, after 5:30 p.m.

Nordic Track back and stomach machine. Excellent condition. Cost new, \$500; will sell for \$225

or trade for item of comparable value. Call 229-0861.

Wedding gown, size 10, white with train that hooks in back, heart neckline, lace sleeves, \$400; slip for dress, \$25; long white veil, \$100; three items bought together, \$475. Gown and veil have been preserved together. Call 221-1792.

FOR RENT

Beautiful new walk-to-campus efficiency apartment available mid-August for tenant who enjoys and is knowledgeable about cats. Owner will be away 4 to 7 months of year and needs care for loving, older, healthy cat. BR with double bed and large desk; full bath; microwave/fridge/sink. Share use of large rec/exercise room. \$275/mo., waived during pet-sitting periods. Call 220-5743 after 2 p.m. or on weekends.

1-BR apartment, furnished or unfurnished. Available immediately. \$450/mo. Call 253-9508 or 566-8304.

Room with private bathroom/shower in townhouse at The Mews, approximately 2.5 miles from campus. Share kitchen and common areas with full-time professional/part-time grad student who is away in Norfolk 3-4 days each week. Pool, parking, 2-minute walk to James City County Fitness Center. Prefer responsible non-smoking prof or grad student, male or female. Must like cats and art. Available this fall. \$325/mo. + phone. Call 561-1108.

Room in quiet home one mile from campus for W&M student or faculty member. Private bath, air-conditioned. \$300/mo., includes all utilities. Page 886-7164.

3-BR Cape Cod-style in quaint, quiet neighborhood close to campus. Perfect for faculty. No pets. Must see. \$1,100/mo. Call 884-5404.

Furnished house on Jamestown Road, perfect for visiting faculty without children. Musicians will enjoy Schimmel grand piano. Available end of Aug. through Dec. 1999. \$500/mo. + utilities. Prefer someone willing to care for two companion house cats. Call 253-0749 or e-mail drellen@aol.com. Inquiries for future semesters welcome.

WANTED

Male, Indian MBA student seeks housing for fall '99. Looking for something close to campus. Would be interested in sharing. Contact Sanjay at sunny0001@yahoo.com.

Visiting postdoctoral student is looking for living accommodations for 6 months. Prefer 1-BR apartment or room to rent, beginning Sept. 1. Call Leiba Rodman at 221-2040.