



# WILLIAM & MARY NEWS

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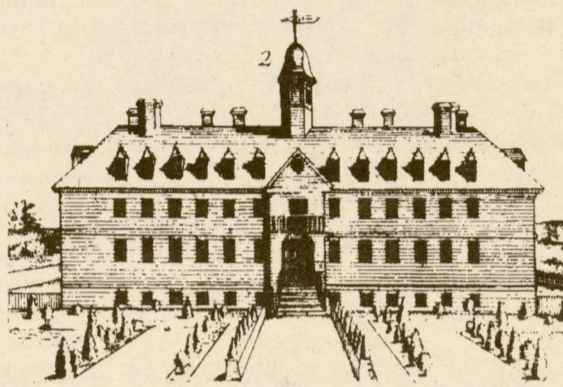
## Countdown To The Wren's 300th

The College reaches another milestone Aug. 8 when the Sir Christopher Wren Building, the oldest academic building in continuous use in the United States, turns 300 years old.

So that students can participate in the celebration, the College and Colonial Williamsburg will throw a party for the building on Aug. 25 beginning at 3:30 p.m. in the Wren Yard.

Historian David McCullough, who won the Pulitzer Prize for his much-acclaimed book *Truman* and served as the narrator of the popular PBS series "The Civil War" and "Baseball," will speak at the celebration, which will also serve as the Opening Convocation for the 1995-96 academic year.

With this issue, the News presents the first in a three-part series on the Wren Building by examining the history of the mysterious crypt under the Chapel. See page 4. At right is the Wren Building as it looked in 1740.



## Three Alumni Appointed To Board Of Visitors

Three alumni, including two former presidents of the Society of the Alumni, have been appointed to the Board of Visitors by Gov. George Allen. Also reappointed to a second four-year term was A. Marshall Acuff '62.

The newly appointed board members are Joseph Montgomery '74, managing director, Wheat First Butcher Singer, Williamsburg; Austin Roberts III '69, M.B.A. '71, president of the Bank of Lancaster, Kilmarnock; and R. Scott Gregory '83, a business and political consultant from Richmond.

A member of the Board of Directors of the Society of the Alumni from 1989 through 1995, Montgomery was president of the board during the College's Tercentenary, 1992-94. In addition, he served terms as secretary and treasurer of the board.

A member of the President's Council and the Athletic Educational Foundation, Montgomery served as president, first vice president, vice president and treasurer of the foundation. He was inducted into the William and Mary Athletic Hall of Fame in 1985 in recognition of his All-American performance on the gridiron as an undergraduate and was named to the College's All-Time Football Team.

Montgomery joined Wheat First Securities as an account executive in 1975. He has been honored as one of 20 outstanding brokers in the United States and Canada by *Registered Representative* magazine and is listed in *Who's Who in Finance and Industry* and *Who's Who in the South and Southwest*.

## Unlocking The Mysteries Of The Wren Crypt

Edward Walker '67 apologetically admits entering the steam tunnels by Tucker Hall and making his way with two friends to the Wren crypt. While a student at the College in 1806, John Tyler, 10th president of the United States, reportedly pried open a floorboard in the Wren Chapel to peer down at the graves.

The crypt of the Sir Christopher Wren Building, one of only a few known to

exist from the Colonial period, has captured the imagination of students, faculty and administrators for at least 200 years.

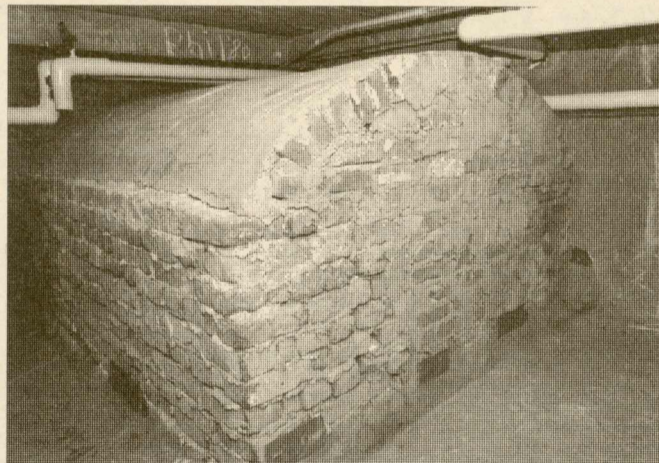
Much of what is known about the history of the Wren crypt, especially in modern times, comes from oral accounts. Records on most of the vaults' occupants were lost in the fire of 1859 which gutted the Wren Building and destroyed markings on many of the coffins.

In the original building, completed in 1695, Sir Christopher Wren did not provide for a crypt. Colonial Williamsburg historians believe it was constructed at the same time the Chapel was added in the early 1700s.

At least nine, perhaps as many as 12 people, are buried there. The bulk of the group were among Virginia's most distinguished citizens from the Colonial period, including three attorneys general, the cousin of President James Madison and Norborne Berkeley, Baron de Botetourt.

In England, during the 1700s and the early 1800s, crypts, while expensive and difficult to construct, were common features of most churches and widely used by the gentry and upper classes.

The Wren Building was probably outfitted with burial vaults as an expression of the College's close cultural ties to England and the Church of England, according to Curtis Moyer, an archaeologist with the Department of Anthropology.



This crypt contains the remains of Peyton Randolph, who had presided over the First and Second Continental Congresses, and died in 1775.

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### State Funnels Excess Revenue To College

The College will receive \$261,187 of a \$53.9 million surplus in general fund revenue from the State for fiscal 1995.

Two options are being considered for use of the additional revenue, according to Sam Jones, vice president for planning and budget. They include the purchase of additional instructional equipment and aid to meet the cost of the Workforce Transition Act.

The extra money is a one-time bonus and not a permanent addition to the College's revenue.

### Faculty Meeting Sept. 5

The All-College Faculty Meeting will be held in the Commonwealth Auditorium, University Center on Sept. 5 at 3:30 p.m. A reception will follow immediately in Chesapeake Rooms B and C.

## Catching Up With Our Genetic Past

Biologist finds that neural pathways used long ago continue to affect us

One of the biggest concerns of pharmaceutical companies and doctors is the potential adverse reaction of people to a drug. New compounds are often not approved because of the bad reaction of as few as 1 percent of the population. Scientists speculate that wide individual differences in brain structure account for much of the variation in reactions.

In what is becoming a burgeoning field of study, researchers are looking to man's genetic past to unlock some of the mysteries surrounding the brain's function.

For the last five years, Paul Heideman, assistant professor of biology, has been studying a variety of mammals to determine the source of physiological variability among individual brains and how that

results in differences in brain function.

"Individual variation in the brain is at the heart of understanding the evolution of the brain," said Heideman. "Un-

*"Individual variation in the brain is at the heart of understanding the evolution of the brain."*

—Paul Heideman

fortunately we know very little about why our brains are the way they are or even about how the brain works."

Using mice and bats, Heideman has

focused much of his research on identifying remnant neural pathways of the brain. Like an old road that was once heavily traveled but has now been replaced by a new highway, these connections in the brain have become relatively unimportant, but have not yet been lost.

For most people, these pathways serve no apparent function today. For others, however, these types of pathways might produce a significant reaction if stimulated by a drug or other external agent.

The sizable number of individuals who suffer from Seasonal Affective Disorder (SAD)—depression brought on as the days shorten in the winter months—could be experiencing the side effects of a remnant pathway, speculates Heideman.

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## Steps Taken To Accomodate Extra Students

*Class of 1999 larger than expected*

**Editor's note:** At a time when many universities are concerned about filling their freshman classes, William and Mary finds itself welcoming a Class of 1999 that exceeds expectations. Based on past years, the College had projected 1,275 entering students; however, acceptances exceeded that number by more than 100. While a compliment to the quality of a William and Mary education, the College had to go into high gear this summer to make plans for the larger-than-expected class. In the following interview, Provost Gillian Cell and Dean of Admission Virginia Carey discuss how William and Mary's largest class ever will affect life on campus, and how the campus community will adjust to the sizable Class of 1999.

### What accounts for the large entering class this year?

**Carey:** "At least in our region, this seems to be the year of staying at home to go to school. Other schools are sharing our experience: U.Va., Mary Washington, Virginia Tech., Penn. State and the University of Maryland.

"Many state-supported schools in Virginia, including William and Mary, were anticipating larger classes. We had a target class of 1,275. As it turned out, while applications were down, our yield on in-state students was up 3 percent over last year."

**Cell:** "What this suggests is that William and Mary is perceived as a very attractive place to come to school. In-state students are more likely to stay in Virginia as sticker prices begin to have an effect."

### How does the class of 1999 compare with other recent classes at William and Mary?

**Carey:** "Academically, the group is almost identical to last year. The median SAT scores are 1240, about the same as last year. Class rankings were: 69 percent in the top 10 percent of the class, and 92 percent in the top quintile, which was similar to last year. And we have a comparable number of Monroe Scholars, 141 compared to 143 last year, just slightly down."

### Is this a growth trend at William and Mary?

**Cell:** "We don't intend for it to be a trend. The size of this class was unexpected. A number of state schools made the same calculation about yield as we did and find themselves in the same position."

### How many of the new students are from Virginia?

**Carey:** "Of the students enrolling, 66 percent are in-state. Our highest in-state percentage has been 68 percent and our lowest was 60 percent. This is pretty typical of our in-state/out-of-state split over the last 10 years."

### How will campus life be affected?

**Cell:** "While the class is bigger there will be no significant difference in quality; we won't lose our residential character."

"We are adding freshman advisers and the dean of the Faculty of Arts and Sciences will have additional funds for for-



Construction will continue through the summer on new dormitory rooms in the Bryan Complex.

eign language classes and other places where we need more sections. We are also adding first-year seminars to keep the average size of a seminar at no more than 16 students."

**Carey:** "We're also creating new permanent dorm space. By moving the Center for Archaeological Research, we picked up 44 new permanent dorm rooms in the Bryan Complex. We will not have to have any off-campus housing."

### How will the growth be controlled next year?

**Carey:** "We will be very careful with offers of admission and make a judicious use of the wait list."

"For the last few years, we have experienced declining yield on offers of admission. Given what has happened this year at William and Mary and elsewhere, we may be seeing the beginning of a new trend. We will have to monitor this very closely."

## Campbell, Harris and Harvey Leave Board

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A two-term member of the Board of Directors of the Society of the Alumni, Roberts served as president of the board in 1983-84 and also held office as board treasurer. He was president of the Ath-

letic Educational Foundation from 1980 to 1983 and is a member of the President's Council.

Beginning his professional career as a bank teller in Washington, D.C., Roberts became the youngest bank president in Virginia when, at the age of 29, he was named

president of the First Peninsula Bank & Trust Company. In 1985, he engineered one of the largest capital formations ever created on the Peninsula by raising more than \$3 million to establish the financial institution he now heads—the Bank of Lancaster. He has been named to *Who's Who in Finance and Industry* and to *Outstanding Young Men in America*.

Since 1989, Gregory has provided services to corporate clients by building upon relationships established during a decade of experience managing campaigns and working with federal and state legislators.

He was appointed senior policy coordinator for Governor-elect Allen's Transition Team in November 1993 after having served as legislative assistant to Allen when he was a delegate in the Virginia General Assembly. Gregory has managed several political campaigns in Virginia and North Carolina and served as a consultant to George Bush in North Carolina during Bush's successful presidential campaign in 1988. While at the College, he was elected chairman of the Virginia College Republicans.

Gregory currently serves as a consultant to several businesses and organizations, including Associated Distributors, Spirit Cruises, Scientific Games, the City of Virginia Beach and Brown-Foreman Beverage Corp.

Acuff is senior vice president and managing director of Smith Barney, Harris Upham & Co. of New York. He served as president of the Society of the Alumni in 1989-91. He is currently vice rector of the Board of Visitors.

Leaving the Board of Visitors are Edward Campbell of Racine, Wis.; Audrey Harris '60 of Richmond; and Norma Harvey of Hampton.

## MCI Donates \$35,000 For T-Hall

MCI has donated \$35,000 to the College to link Tercentenary Hall to the campuswide computer network and the Internet.

"Telecommunications provides global access. And with global access comes global knowledge," said John Gerdeman '75, president of network-MCI Services. "MCI is helping the students of William and Mary use the unlimited potential of the Internet to share their ideas at the speed of light with the scientific community."

Tercentenary Hall, the College's newest science building, has four floors of state-of-the-art laboratory and classroom space.

MCI's contribution provides William and Mary with computer software and hardware, fiber optic connections, network management capabilities and workstation interfaces.

"MCI's donation increases our access to a global network of libraries, research facilities and fellow scholars," said President Timothy Sullivan. "Through this network we'll provide better laboratory instruction and greater student access to resources necessary for scientific research."

MCI's Internet network carries more than 40 percent of the Internet traffic in the United States.

Meanwhile, the geology, computer science and applied science departments have nearly completed the move into Tercentenary Hall. All faculty are expected to occupy their offices by this week.

## College Athletes Shine In NCAA Report

Scholarship athletes who attend the College of William and Mary and Stanford University have the highest Scholastic Assessment Test scores among the 285 Division I schools offering athletic scholarships, according to a report recently released by the NCAA.

The 633-page study, titled "Division I Graduation Rates Report," found that scholarship athletes attending the College and Stanford had SAT scores of at least 1000.

William and Mary athletes have an average grade point average of 3.38.

Overall, Division I universities in Virginia posted an 83 percent graduation rate for their athletes between 1985 and 1988. For men's basketball, the figure was 83 percent and 72 percent for football.

## 20th Chancellor Warren Burger Dies

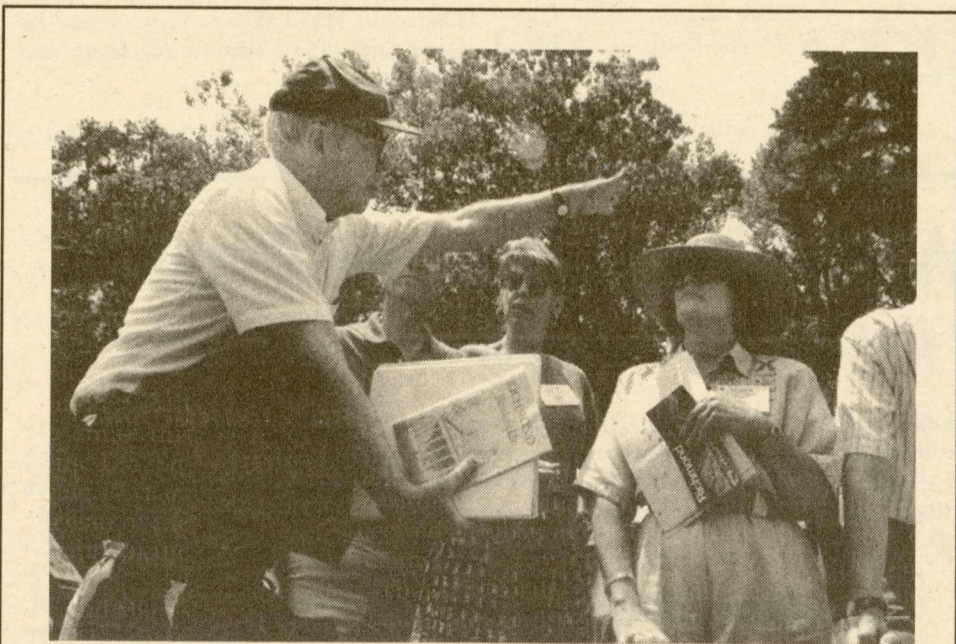
Former Chief Justice Warren E. Burger, chancellor of the College from 1986 to 1994, died Sunday, June 25, of congestive heart failure. He was 87.

Burger served as the nation's 15th chief justice for the longest tenure this century. After retiring from the U.S. Supreme Court in 1986, following 17 years of service, he served as chairman of the Commission on the Bicentennial of the U.S. Constitution.

Burger was named William and Mary's 20th chancellor in July 1986. The chancellorship was formally passed to Margaret Thatcher, former prime minister of Great Britain, at the 1994 Charter Day ceremony.

"I was deeply saddened to learn of Chief Justice Burger's death," stated President Timothy Sullivan. "He was a distinguished American, a great public servant, and rendered remarkably generous service to William and Mary as its 20th chancellor."

Burger was buried at Arlington National Cemetery.



## Alumni College Showcases Civil War

Ludwell Johnson, professor of history emeritus, describes to visiting alumni the scene of a Civil War clash between Confederate and Union troops. The stop on a tour of Richmond battlefields was part of Alumni College 1995, "A House Divided: The American Civil War." More than 80 alumni and guests participated in the five-day event, which included guided tours of battlefields and plantations, a visit to the Museum of the Confederacy, presentations by College professors and intensive study. Topics ranged from a case study of the Civil War to the role of women in the war to the use of Confederate money and symbols. Alumni College is an annual event sponsored by the Society of the Alumni.

## NOTES

**Employee Appreciation Day Set For August 8**

President Timothy Sullivan invites all hourly and classified staff to Employee Appreciation Day, Tuesday, Aug. 8 from 11:30 a.m. to 1:30 p.m. in William and Mary Hall. In addition to lunch and music, the program will feature the presentation of service awards at 12:15 p.m. A drawing for door prizes will also be held. Employees are asked to RSVP by July 31 to ext. 12636.

**Auxiliary Services Moves**

The Office of the Director of Auxiliary Services recently moved from Savage House, 519 Richmond Rd., to College Apartments, #2 (Boundary St.).

Off-Campus Conference Services also merged with Conference Services effective July 1.

Members of the College community with needs or questions for Conference Services, related to services or facilities, either on or off the campus, should call ext. 14084.

**NEH Extends Grant For Newspaper Project**

The National Endowment for the Humanities recently extended its grant to the Virginia Newspaper Project and awarded it \$591,670.

The additional revenue will enable the project's collaborators, which include William and Mary, to continue their work at least through 1996.

The NEH also approved an office at the College for the project focusing on the assembly and cataloging of information on Virginia newspapers.

**Alumni Society Hosts CASE Institute For Newcomers**

Six members of the Society of the Alumni staff served as faculty for the CASE (Council for Advancement and Support of Education) Summer Institute for Newcomers in Alumni Relations, held July 15-20 at the College.

The conference was attended by more than 100 professionals from across the country, who are new to alumni administration.

**Local Resident Gives Book To College**

Mary Louise Hammersmith, a Williamsburg resident, recently donated *The Mysterious William Shakespeare: The Myth & the Reality* by Charlton Ogburn to the Earl Gregg Swem Library. The 900-page book, published in 1984, argues that Edward de Vere, the 17th Earl of Oxford, is the true author of the works of William Shakespeare.

**Five Students Awarded Teacher Ed Scholarships**

The Virginia Space Grant Consortium recently awarded teacher education scholarships to William and Mary students Nancy Bent, Cheryl Carter, Diane Owens, Lorrie Coiner and Jodi Himstedt.

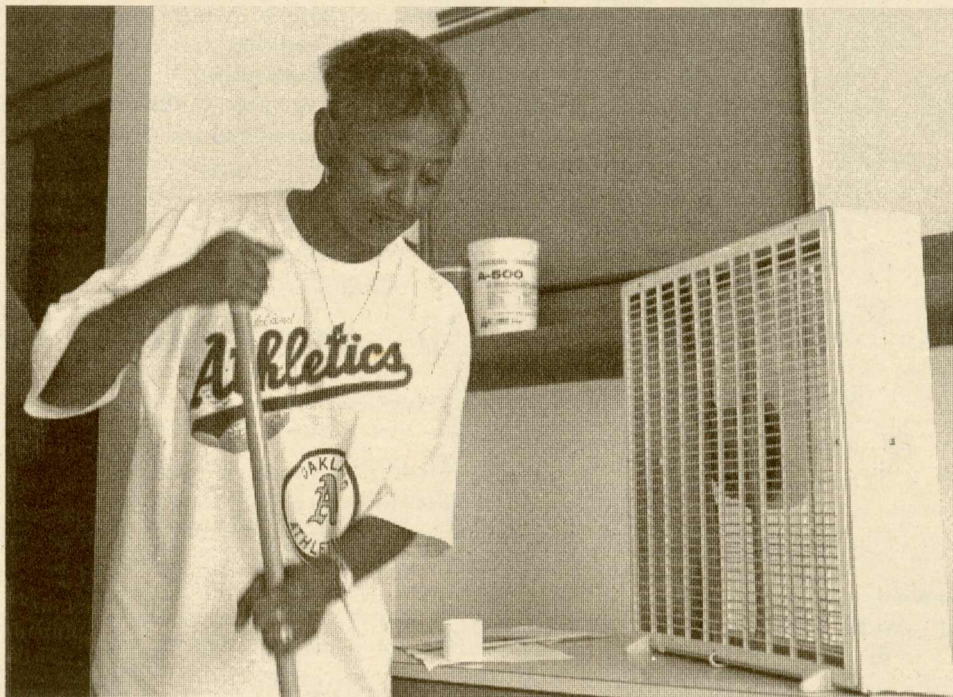
The \$1,000 awards are for the 1995-96 academic year and are designed for students who are enrolled in a course of study that will lead to teaching certification in the sciences, mathematics or technology education.

**Provost Advises Of Administration Change**

The Provost wishes to advise the College community that, effective July 1, the Division of Financial Administration in the Office of Grants and Research Administration will report to the Provost, through the Associate Provost for Research and Graduate Education.

# The Hottest Job On Campus

*As the mercury and humidity soar during the summer months, Residence Life housekeepers struggle to keep cool and safe*



Housekeeper Betty Graves tries to stay cool in front of a fan while working in Dupont Hall.

**D**uring most of the summer, the heat constantly weighs on the minds and bodies of the 48 housekeepers in residence life.

Charged with cleaning some 50 dormitories, half of which are not air conditioned, they rely on an army of floor fans, gallons of Kool Aid and ice and wet towels to keep cool.

"By far, the heat is our biggest worry during the summer," said Paula Davey, housekeeping manager in the Department of Residence Life. "But regardless of the temperature or the humidity, we have to keep working."

Few students occupy dormitories during the summer months, but conference services and a variety of camps ensure that most of the buildings are kept constantly occupied. As a result, many of the facilities must be cleaned from top to bottom on a weekly basis.

The fraternities and Ludwell Apartments can be particularly stifling to housekeepers because of their limited number of windows and the extra effort needed to clean the buildings.

In some older dormitories, such as Chandler Hall, which housekeepers la-

bel the "hottest building on campus," all the windows must be opened and fans turned on for an extended period before it can be cleaned.

"When you can't get adequate ventilation into those buildings, fumes from the cleaning materials that we use can build up and affect us," said Housekeeper Delois Richard. "It can make our work real difficult."

Closed areas like bathrooms can be particularly hazardous, especially for those housekeepers with respiratory problems.

While making their work miserable, hot, humid spells in the weather put the housekeepers at risk of heat exhaustion or dehydration. Each week, a few workers must be sent home or to the doctor because they are overheated.

"It doesn't take much to get dehydrated when it's really hot," said Davey, who encourages her staff to take frequent breaks.

The heat also heightens irritability and tempers. "I understand well why people get short with me in the summer," said Davey. "Plenty of times myself, I've felt like walking out the door."

She figures that temperatures in the hottest dormitories reach as high as 120 degrees some days. Generally, the temperature is at least 10 degrees higher inside the buildings than outside.

To avoid the hottest times of the day, Davey tries to arrange for her staff to work in the un-air-conditioned dormitories in the morning when it's cooler and in the air-conditioned buildings in the afternoon.

During the summer, housekeepers must often work overtime to keep up with the cleaning. Davey, however, tries to squeeze the work week into five days to enable her staff to recover from the heat.

Because they are occupied by campers who regularly move in and out, the un-air-conditioned dormitories require the most attention from housekeeping personnel during the summer. Dupont Hall, for instance, must be cleaned every week from June through July.

Each housekeeper has one floor fan at his or her disposal while cleaning. But most find that these provide marginal relief at best and often just blow hot air around.

"You can put 100 fans in some of these buildings, and it's still not going to help much," said Davey.

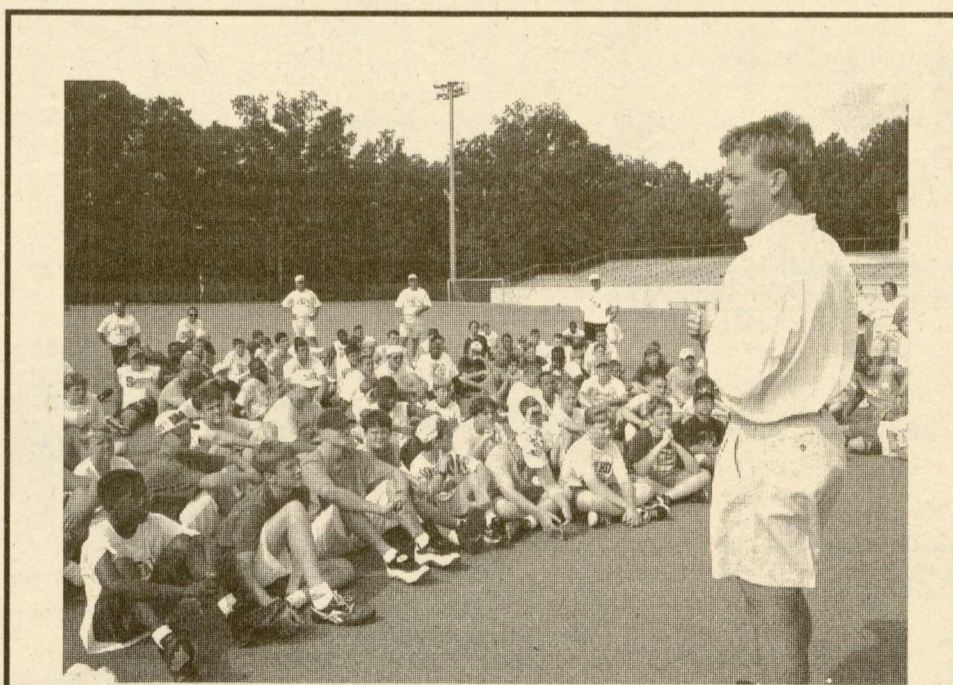
*"The only thing that's really going to help us is air conditioning."*

*—Paula Davey*

Some relief may be in sight for the housekeepers. A 10-year College plan to renovate all dormitories provides for the installation of air conditioning in most of the buildings.

"The sooner, the better," said Davey. "The only thing that's really going to help us is air conditioning."

*by Poul E. Olson*

**Aikman Offers Inspiration To Football Campers**

Dallas Cowboys quarterback Troy Aikman was one of several guests at the Colonial All-Pro Football Camp at the College during the week of June 26-30. Aikman, who led the Cowboys to Super Bowl titles in 1993 and 1994, chatted with campers and offered tips on passing to quarterbacks of all age groups. Under the watchful eye of some 20 members of the media, the NFL star also threw a few short spirals.

**HACE Names Employees Of The Month**

The Hourly and Classified Employees Association names the employee of the month in recognition of outstanding contributions to the College.

The following employees were recognized from January to July (in chronological order): Todd Jones, utility serviceman, CEBAF; Otelia Williams, housekeeping worker; Annie Brooks, housekeeping worker; Mary Conning, secretary, Department of Military Science; Nancy Kausch, administrative assistant, Christopher Wren Association; Betty Long, office services assistant, admission office; and Barbara Pumilia, secretary, Department of Psychology.

**Law Graduate Takes Second In National Competition**

Keith Marino, a 1994 graduate of the Marshall-Wythe School of Law, has won second prize in the 1994 Mendes Hershman Student Writing Contest, a national competition sponsored by the Section of Business Law of the American Bar Association. Marino and the law school will each receive a \$1,000 cash award. The school will use the money to expand the business law library.

# Wren Crypt Embodies College's Ties With England



All that apparently remains today in Lord Botetourt's burial place is the leaden sheath that surrounded his coffin.

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"Based on the large number of people from the 17th and 18th centuries buried in crypts in England, it was also apparently fashionable to be interred in the crypt," said Moyer.

Usually built beneath churches or chapels, crypts were regarded as the holiest place where a person could be buried, Moyer added. Well-protected from the environment, they were also seen as permanent monuments to a person's life.

As one of the largest buildings in North America during the Colonial period, the Wren Building, with its deep foundation and sturdy floor beams, was also one of the few structures in the colonies suited to have a crypt.

## Modern Tales From The Crypt

While the heyday of its usage lasted only about 80 years, the Wren crypt has witnessed much activity, particularly since the Civil War.

During the Union occupation of Williamsburg, soldiers under the command

of General George McClellan burned the Wren Building and looted the crypt in September 1862.

Among the items believed taken was an engraved silver breastplate attached to Botetourt's coffin that turned up some 30 years later in a jeweler's shop in upstate New York.

The last person to be interred in the crypt was Thomas Dew, president of the College from 1836 to 1846. Dew, who died in France in 1846, was returned to William and Mary in 1939.

On at least four occasions, in the 1820s, 1858, 1929 and 1970, efforts were made to study the burial vaults and verify the identity of those who are entombed there.

Catherine Schlesinger, a retired member of the Colonial Williamsburg architectural research staff who was part of the 1970 investigation, believes the burial vaults hold more people than have been documented. Some accounts, for instance, suggest that a student who drowned in the College mill pond in 1812 was buried in the crypt.

The most recent effort to look at the graves took place in 1992 when a team

*For many students in modern times, the Wren crypt has served as the terminus of their adventure through the steam tunnels.*

of archaeologists, including the College's Moyer, tried to use sophisticated x-ray equipment to peer inside Botetourt's coffin, one of at least six known leaden coffins from the Colonial period. The effort followed on the heels of the discovery of three similar lead-encased coffins at St. Mary's, Md. Due to the exceedingly narrow space through which the researchers had to maneuver their equipment, the initiative proved unsuccessful.

Had they been able to view Botetourt's tomb, the archaeologists would probably have found it in the state that it's in today. A large chunk of the concrete casing leans against the tomb and the interior contains only a few remaining pieces of the lead that once surrounded Botetourt's ornate coffin.

While all the other vaults are apparently sealed, the state of their contents is currently unknown. A survey conducted after the 1859 fire recorded only that only a few of Botetourt's bones remained intact. In a Nov. 16, 1979, article in the

*Flat Hat*, College officials speculated that Botetourt's remains had disintegrated with age.

For many students in modern times, the Wren crypt has served as the terminus of their adventure through the steam tunnels. Most nighttime visitors, such as Edward Walker '67, have not disturbed the remains. But at least one act of vandalism was recorded in 1969.

In recent years, the College has tightly secured all entrances to the burial vaults.

by Poul E. Olson

## Biologist Studies Remnant Pathways

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Most mammals that reside in northern latitudes are governed by these seasonal changes in day length known as photoperiod. Their reproduction, foraging and metabolism change as the seasons change. While humans are not strictly photoperiodic, Heideman theorizes the process had some function in our distant evolutionary past and as a consequence, may have left a neural pathway.

"Somewhere back in history, our ancestors may have used photoperiod to respond to seasonal changes," explained Heideman. "Individuals who suffer depression brought on by shorter days may be experiencing a symptom of this reactivated remnant pathway."

Depression, of course, is not the original purpose of the neural connection. Instead, Heideman said it may be a modern consequence of its existence.

"It's possible that all of us have remnant brain pathways that normally don't serve any apparent purpose but may cause medical problems under some conditions," said Heideman, adding that these pathways may also induce subtle changes in behavior between seasons.

Identifying the activity of specific remnant pathways in humans is particularly tough because of the difficulty in conducting experiments with humans. But looking at other mammals, Heideman thinks that he has found key evidence signifying their existence.

Photoperiod controls the reproductive cycle of the white-footed mouse, a mammal native to Virginia. In the winter when food is scarce, the mouse changes its behavior and metabolism to conserve energy and ultimately to ensure its survival. Some of the creatures, however, attempt reproduction during the winter. "It's a risky venture, but well worth the long-term evolutionary benefit if they can succeed," said Heideman.

These amorous winter mice overcome the control of photoperiod, Heideman said, because of differences in their brain. They have what amounts to a remnant of the photoperiod pathway.

These individual differences in the brain affect their survival and

reproduction.

"Seeing and understanding these differences in brain function among individual mice will help us understand variation in the brains of humans and, ultimately, how the brain evolves," said Heideman.

"These findings suggest remnant pathways may be important to many more animals, including humans," said Heideman.

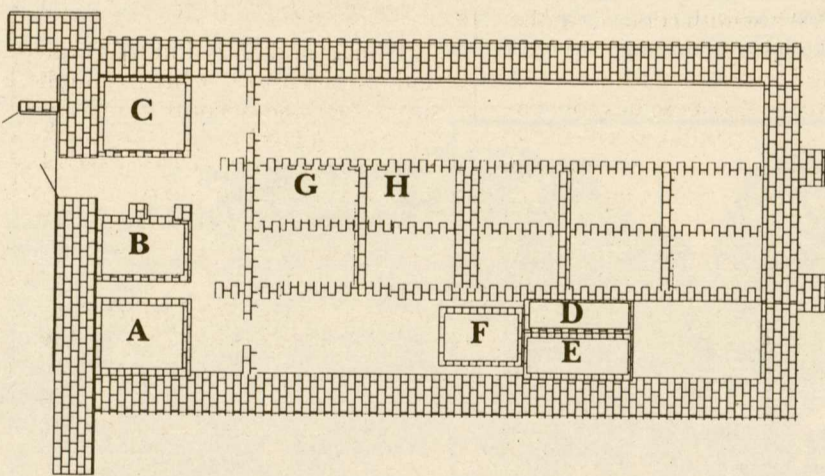
While much research has focused on how the brain works, the evolution of the brain has only recently captured the interest of scientists. As new findings about the influence of remnant pathways and variability in brain physiology emerge, Heideman believes scientists can better address many of the problems associated with brain function.

"We're a highly variable bunch, and differences among people have obvious effects on us," said Heideman. "Unless we understand the source of these differences, we can't begin to develop more effective treatments for afflictions like SAD or new drugs that produce minimal adverse reactions."

by Poul E. Olson

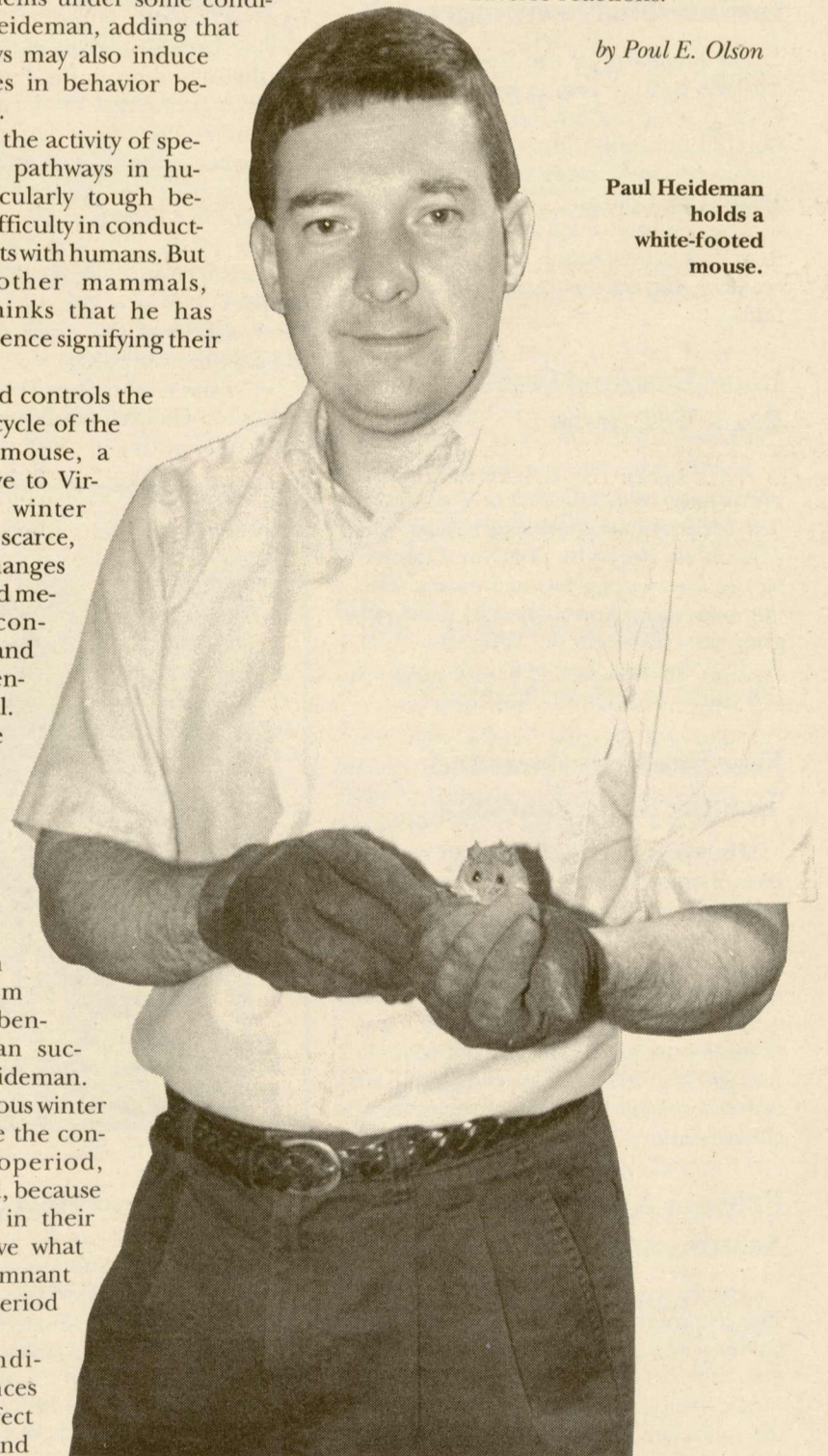
Paul Heideman holds a white-footed mouse.

## Schematic of the Wren Crypt



- A. Sir John Randolph, d. 1737; Lady Susanna Beverley Randolph(?), d. after 1754. Opened in 1858 and perhaps 1862.
- B. John Randolph, d. 1784; buried? Opened in 1858 and probably 1862. Repaired in 1929.
- C. Peyton Randolph, d. 1775; buried 1776; Elizabeth Harrison Randolph d. 1783. Opened in 1858, 1959 and probably 1862. Mrs. Randolph's remains placed in Peyton's lead coffin and both transferred to Vault G, May 30, 1929.
- D. Lord Botetourt, d. 1770. Opened and robbed in 1862 and 1969. Opened by Lyon G. Tyler between 1888 and 1919.
- E. Bishop James Madison, d. 1812; Possibly Mrs. Madison, d. 1815. Probably opened in 1862. Remains placed in a lead box and transferred to Vault G, May 30, 1929.
- F. Grave of Chancellor Robert Nelson(?), d. 1818. Excavated 1858 and August 1928.
- G. See Vaults C and E.
- H. President Thomas R. Dew, d. 1846; buried 1939.
- ?? Judge Thomas Nelson, d. 1813. Burial place unknown.

Questions marks indicate that the identity of the occupant has not been verified. Information courtesy of the Colonial Williamsburg Foundation, *The Wren Burial Vaults*.



# An Earnest Pursuit Of Public Service

*Postal clerk Esterine Moyler considers giving of herself second nature*

**W**hen Democratic candidates for local, state, and even national office want to garner support in Williamsburg, they nearly all call on Esterine Moyler.

For the last 20 years, Moyler, a postal assistant in the University Post Office, has played an active, largely behind-the-scenes role in local politics.

"I've always wanted to get involved in the community and lend a helping hand wherever I can," said Moyler, a 26-year employee of the College and nominee for the President's Award for Service to the Community. "Public service is especially important because everyone should know how their government works."

In her free time, Moyler has made it her mission to educate her fellow citizens about the democratic process. Often coordinating fundraisers for candidates, she prides herself in helping put local voters in touch with the candidates.

"I believe that if I'm going to give you [the candidate] my vote, I want to know you," said Moyler. "I've helped to make a lot of people happy because they've met and talked with their candidates."

During political campaigns, Moyler

Robb and presidential hopefuls Bill Clinton and Michael Dukakis, who have stopped by her home.

The relationships that Moyler cultivates with political candidates typically last even after they are elected. When President Clinton was trying to sell the public on his health care plan, he personally called Moyler to ask her opinion on it and also whether she would muster volunteers to help with a mass mailing.

For that effort, Moyler organized two van-loads of volunteers, consisting primarily of local black youth, and traveled to the White House where they worked on the mailing for almost two days.

"That experience was really exciting for the kids," said Moyler, adding that she plans to "be there for Clinton" during his re-election campaign.

Moyler ran twice for the Williamsburg City Council in the late 1970s. Those campaigns were unsuccessful, but the experiences showed Moyler that her talents could be better used to help other candidates organize and get elected.

While her loyalties lie with the Democratic party, Moyler has occasionally crossed party lines and supported Republicans. "I believe that the best candidate should get my vote," she said.

When she's not campaigning for a candidate, Moyler tirelessly volunteers in the community for a variety of initiatives and also is active in her church.

She and other community leaders are currently working with the City Police Department on crime prevention.

But outside her involvement in campaigns, her most impassioned endeavor is registering voters.

"People don't vote usually because they don't know how. No one ever took the time to explain the process to them," said Moyler. "Elders, particularly those who can't read or write or are too scared to learn how to vote, often need a helping hand."

"After they are taken through the pro-



Esterine Moyler has been nominated for the President's Award for Service to the Community.

cess of registering, most people are usually quite surprised at how easy voting is."

Moyler added her firm conviction that only people who vote can have input into government.

The College, local community and the State have recognized Moyler over the years with a number of awards for her public service. Most recently, she received a Certificate of Appreciation from the Highland Park Civic Organization. She was also nominated for the Governor's Award for Volunteer Excellence, and the Hulon Willis Association recognized her for her support and commitment to African-American students at the College.

Tracing the genesis of her interest in public service to her upbringing and her experience raising two children on her own, Moyler considers helping others second nature.

At the College, she encourages the black students with whom she works and who she knows personally to come to her if they need someone to talk to or want her help with a problem.

"If they ever want a home-cooked meal or need help with anything, I tell them that I'm here for them," she said. "I like to think that I'm always there for anyone who may need a helping hand."

by Poul E. Olson

*"I like to think that I'm always there for anyone who may need a helping hand."*

often opens up her Highland Park home to office seekers so they can meet with local residents, particularly those representing the black community. She also coordinates other local forums between the public and candidates.

Over the last 10 years, Moyler counts at least 14 candidates, including Senator

## Rosebergs Donate Artwork To President's Collection

Retired Prof. and Mrs. Carl Roseberg of Williamsburg have donated five works of art to the President's Collection of Faculty and Student Art at the College.

The artwork, which includes two watercolor paintings, two pen-and-ink drawings and an engraving, are all by Roseberg, a sculptor and professor emeritus of fine art at William and Mary.

"We're really happy about the gift," said Valerie Hardy, director of the President's Collection. "The five pictures are beautiful and make a significant addition to our faculty holdings."

Roseberg came to William and Mary to teach sculpture in 1947, a time when students could not have cars on campus and everyone was required to abide by the dress code. He remained on the faculty for almost 35 years, and, when he retired, the sculpture studio in Andrews Hall was named for him.

The quiet, reserved artist is particularly known in Williamsburg for designing the Williamsburg-James City County Bicentennial Medallion in 1976 and the College's majestic 275th anniversary medallion in 1968. He has been the recipient of numerous awards for his wood and stone sculpture and received the prestigious Thomas Jefferson Award from William and Mary in 1971 for exemplifying through his life, character and influence, the principles and ideals of Thomas Jefferson.

Like many teachers, however, Roseberg is most proud of the achievements of his students, including Joseph H. Lonas '49, a painter and sculptor who taught

for several years in Berlin, Germany; Gordon Kray '73, the Washington, D.C., sculptor who re-created the statue of Lord Botetourt now standing in the Wren Yard; and David Turner '83, a Virginia sculptor who produced the eagle sculpture at the University Center and a bronze statue of waterbirds at Crim Dell.

"I do think I had a very good group of students," Roseberg said. "They had talent and they worked at it."

Roseberg began his own artwork as a child, drawing on the backs of calendars. He later studied painting under artist

Grant Wood at the University of Iowa and learned to work with ceramics at the University of Michigan and bronze casting at Temple University.

In recent years, Roseberg has concentrated on detailed paintings and drawings, such as the drawing "Mountain Stream" being given to the President's Collection.

Other works being donated to the collection are: "Great Wall of China" and "Cheops," watercolor paintings; "Egret," a color engraving; and "Waterman," a pen-and-ink drawing in black and white.

The Rosebergs say they are pleased that the works have been framed and are now hanging in the President's House.

"They'll have a good home there," said Mrs. Roseberg.

*An endowment for the President's Collection of Faculty and Student Art was established in the spring of 1993 through the efforts of President Timothy J. Sullivan and his wife, Anne Klare Sullivan. The purpose of the collection is to help the College acquire, exhibit and preserve exceptional works of art by William and Mary faculty and students.*



Mr. and Mrs. Carl Roseberg and Anne Sullivan (r) display the recently donated color engraving, "Egret."

## Faculty Participate In Northern Neck History Seminar

William and Mary and the Foundation for Historic Christ Church sponsored the second Northern Neck Local History Seminar for 22 elementary, middle and high school teachers at Historic Christ Church in Lancaster County, Va., June 19-23.

Project co-director Gail McEachron, associate professor of education, helped to develop the seminar, which focused on educating teachers about the legacy of the colonial period in the Northern Neck community and how to develop curricula around the new national standards in civics and government, history, geography, social studies and the arts.

In addition to McEachron, College faculty from a variety of disciplines made presentations during the five-day seminar. They included Brian Blouet, Huby Professor of Geography and International Education; Barbara Carson, adjunct associate professor of American Studies; Michael Clark, Reves Center Scholar-in-Residence; William Hargis, professor emeritus of marine science; John Selby, professor of history; and Roger Smith, professor of government.

The seminar was made possible by a grant from the Jesse Ball duPont Fund.

# RECENT GRANTS

## Anthropology

**Moyer, Curtis**, "Hermitage Artifacts," The Hermitage, \$4,200.

**Moyer, Curtis**, "Savannah River Conservation," South Carolina Institute of Archaeology, \$1,770.

### Center for Archaeological Research

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Additional Data Recovery to Portions of Site 44GL358, Proposed Route 17 Coleman Bridge Project, Gloucester County," Virginia Department of Transportation, \$17,435.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II Evaluation of Site 44LE232, Route 58, Section E24, Lee County," Blauvelt Engineers, \$20,266.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resource Surveys of the Proposed Route 175 Project, Accomack County," Virginia Department of Transportation, \$18,162.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Underwater Archaeological Survey, Route 17 Coleman Bridge Widening Project, Gloucester and York Counties," Virginia Department of Transportation, \$55,757.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resource Survey of the Proposed Lakeside Industrial Park Access Road, Lynchburg," Virginia Department of Transportation, \$7,594.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II Evaluation of Site 44LE230, Route 58, Section E24, Lee County," Blauvelt Engineers, \$30,601.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II Cultural Resource Evaluation of Site 44ST257, Proposed Manpower Center, Quantico Marine Corps Base, Stafford County," U.S. Department of the Army, \$42,018.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Underwater Archaeological Survey for Temporary Emergency Medical Transport Landing Facility, Route 17 Coleman Bridge Widening Project, York," Virginia Department of Transportation, \$2,045.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resource Survey of the Proposed Route 700 Project, Washington County," Virginia Department of Transportation, \$13,235.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Additional Archaeological Survey at Jamestown Island," Colonial Williamsburg Foundation, \$29,945.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Architectural Survey, Queen Street Project, Town of Strasburg," Virginia Department of Transportation, \$6,850.

**Blanton, Dennis B.**, co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resources Survey of the Proposed Route 252 Project, City of Staunton," Virginia Department of Transportation, \$10,490.

## Applied Science

**Manos, Dennis M.**, CSX professor, "Combustion Diagnostics Using Diode Lasers," National Aeronautics and Space Administration, \$40,000.

**Orwoll, Robert A.**, professor, with graduate student **Sheeba Ahmed**, "Separation and Identification of Low Molecular Weight Polymerization," National Aeronautics and Space Administration, \$5,000.

## Biology

**Beck, Ruth**, assistant professor, "Monitoring and Protection of Endangered and Threatened Avian Species," Army Corps of Engineers, \$17,000.

**Beck, Ruth**, assistant professor, "Colonial Waterbird Investigations," Virginia Department of Game and Inland Fisheries, \$4,000.

**Bradshaw, Dana S.**, research biologist, "The Virginia Center for Conservation Biology," Virginia Department of Game and Inland Fisheries, \$3,000.

**Byrd, Mitchell A.**, research professor, "Piping Plover Project," Virginia Department of Game and Inland Fisheries, \$29,900.

**Guth, Lloyd**, research professor, "Models of Spinal Cord Injury for Drug Evaluation," National Institutes of Health, \$174,700.

**Mangum, Charlotte**, professor, "Editorship of Physiological Zoology," University of Chicago Press, \$40,719.

**Sanderson, S. Laurie**, assistant professor, "Young Investigator Program," National Science Foundation, \$25,834.

## Chemistry

**Bebout, Deborah C.**, assistant professor, "Undergraduate Science Research Program," MERCK/American Association for the Advancement of Science, \$15,000.

**Dawnkaski, Eric**, assistant professor, "Monte Carlo Simulations of Polywider," National Aeronautics and Space Administration, \$10,930.

**DeFotis, Gary C.**, Garrett-Robb-Guy professor, "Experimental Studies of Mixed Magnets, Including Dilute and Ternary Systems," American Chemical Society-Petroleum Research Fund, \$25,000.

**Knudson, Stephen K.**, professor, "College Science Grant," E. I. du Pont de Nemours and Company, \$5,000.

## Computer Science

**Feyock, Stefan**, associate professor, with graduate student **Earl Harris, Jr.**, "Application of Machine Learning to Knowledge Discovery," National Aeronautics and Space Administration, \$22,000.

**Mao, Weizhen**, assistant professor, with graduate student **Lan Fan**, "Research and Development at CEBAF," CEBAF, \$2,433.

**Park, Stephen K.**, professor, with graduate student **Beverly Thompson**, "Object-Oriented Algorithms & Data Structure for Image Compression," National Aeronautics and Space Administration, \$22,000.

## Geology

**Goodwin, Bruce K.**, professor, and **C.R. Berquist**, research associate, and **Stephen C. Clement**, professor, "Creation of Digital Topographic and Geologic Maps for Education by GIS Mapping Technology," Virginia Division of Mineral Resources, \$5,780.

## Government

**Ward, Alan J.**, professor, "American Conference for Irish Studies," British Council, \$800.

## History

**Selby, John E.**, professor, with student **Cheryl L. Carter**, "Virginia Space Grant Teacher Education Scholarship," Virginia Space Grant Consortium, \$1,000.

**Whittenburg, James P.**, associate professor, with graduate students **Laura Croghan**, **Megan Haley**, **Matthew Laird**, and **Melanie Perreault**, "Jamestown Rediscovery Archaeological Excavation," Association for the Preservation of Virginia Antiquities, \$12,000.

## Kinesiology

**McCoy, Raymond W.**, assistant professor, "Videotape Analysis Services Using Peak Performance Technologies' Video/Computer Motion Measurement System," Versar, Inc., \$15,639.

## Mathematics

**Rodman, Leiba**, professor, and **Hugo Woerdeman**, assistant professor, "Problems in Linear Analysis," National Science Foundation, \$40,000.

**Rublein, George T.**, associate professor, "Collaborative Statewide Course for Secondary Mathematics Faculty: The Mathematics of Powered Flight," State Council of Higher Education for Virginia, \$78,000.

**Spitkovsky, Ilya**, professor, "Toeplitz Operators and Algebras of Convolution Type Operators," North Atlantic Treaty Organization, \$6,234.

## Modern Languages and Literature

**Stock, Ann Marie**, assistant professor, "Fulbright Lecture-Research Award," Council for the International Exchange of Scholars.

## Physics

**Armagan, Guzin**, research assistant professor, "Conduct Spectroscopic Work on Ho: Tm Laser Materials," National Aeronautics and Space Administration, \$27,203.

**Benner, D. Chris**, research associate professor, "HALOE-Science Investigation," National Aeronautics and Space Administration, \$76,586.

**Delos, John**, professor, "Order and Chaos in Classical and Quantum Mechanics," National Science Foundation, \$60,000.

**Finn, J. Michael**, professor, "Electromagnetic Interaction Studies of Nucleons and Nuclei," National Science Foundation, \$108,500.

**Gross, Franz L.**, professor, with visiting professor **Simonetta Liuti**, "Hard Processes in Nuclei," National Science Foundation, \$75,663.

**Kossler, William J.**, professor, with graduate student **April Baugher**, "Microstructural Characterization of LaRC-RP46 High Performance Polymer," National Aeronautics and Space Administration, \$22,000.

**Kossler, William J.**, professor, "Physics Research Experiences for Undergraduates," National Science Foundation, \$55,526.

**Krakauer, Henry**, professor, "Density Functional Studies of Solids and Surfaces," National Science Foundation, \$75,000.

**Perdrisat, Charles F.**, professor, and **Herbert O. Funsten**, professor, "Polarization in Medium Energy Nuclear and Particle Physics," National Science Foundation, \$220,000.

**Vahala, George M.**, professor, "Theoretical Plasma Physics," U.S. Department of Energy, \$44,693.

## Psychology

**Galano, Joseph**, associate professor, and **Judith S. Dubas**, assistant professor, "Resilient Children Making Healthy Choices Project," Virginia Institute of Developmental Disabilities, \$3,206.

**Langholtz, Harvey J.**, assistant professor, "Lessons Learned from the United Nations Mission in Cambodia," Travel Grant, U.S. Institute of Peace, \$4,000.

**Langholtz, Harvey J.**, assistant professor, "The Training of United Nation Peacekeepers Using Distance-Education Methodology," Travel Grant, United Nations Department of Peace-keeping Operations, \$2,500.

## Public Policy

**Finifter, David H.**, director, "Summer Internship," State Council of Higher Education for Virginia, \$2,700.

**Finifter, David H.**, director, "Graduate Fellowship for Jon M. Bailey," Virginia Board for People with Disabilities, \$15,500.

## Sociology

**Kreps, Gary A.**, professor, and **Susan L. Bosworth**, assessment coordinator, "Continuing Archival Studies of Role Enactment, Organizing and Disaster," National Science Foundation, \$62,905.

## School of Education

**Beers, James W.**, professor, "Eastern Virginia Writing Project," Virginia Writing Project, \$21,375.

**Beers, James W.**, professor, "Eastern Virginia Writing Project," National Writing Project, \$14,000.

**Giese, Ronald N.**, professor, "A Model for In-depth Teaching/The Learning of Physical Science Concepts by Elementary Teachers," State Council of Higher Education for Virginia, \$46,975.

**Giese, Ronald N.**, professor, with student **Diane M. Owens**, "Virginia Space Grant Teacher Education Scholarship," Virginia Space Grant Consortium, \$1,000.

**McLaughlin, Virginia L.**, dean, "Leaders for Instructional Supervision in Special Education," U.S. Department of Education, \$77,349.

**Patton, James M.**, associate dean, "Pre-college Awareness Program, Project Reclaim: Developing Pyramid Builders," State Council of Higher Education for Virginia, \$15,000.

**VanTassel-Baska, Joyce**, professor, "Problem-Based Learning: A Catalyst for Teaching Mathematics, Science and Technology," State Council of Higher Education for Virginia, \$55,000.

## Arts & Sciences and Theatre and Speech

**Macdonald, R. Heather**, dean of under graduate studies, and **Tamara Burk**, instructor, "Development of an Efficient Oral Communications Program," State Council of Higher Education for Virginia.

## Multicultural Affairs

**Hardy, Carroll F.**, associate vice-president "1995-96 Virginia Student Recruitment and Retention Program," State Council of Higher Education for Virginia, \$80,000.

## Reves Center

**Bill, James A.**, director, "New Faculty Position in Arabic Language and Literature," National Endowment for the Humanities, \$5,000.

**Canning, Craig N.**, associate director, "The 1995 Keio University Summer Program," Keio University, \$107,799.

## Public Affairs

**Zoller, Ted**, director of economic development, "Oyster Point Advanced Technology Park," Virginia Secretary of Commerce and Trade, \$25,000.

## Swem Library

**Marshall, Nancy H.**, dean of university libraries, "Virginia Newspaper Project," The Library of Virginia, \$127,009.

## Ash Lawn

**Holmes, Carolyn C.**, executive director "The James Monroe Papers Project," National Endowment for the Humanities, \$6,000.

## College Club Goes Inactive For 1995-96 Academic Year

The College Club Board has decided that the College Club will be inactive for the 1995-96 academic year. Its usual activities, including the VIMS Seafood Feast and the Holiday Ball, have been canceled. The Board has indicated that it will reconsider this decision should a substantial level of new leadership emerge. Individuals who are interested in participating as board members should contact Martin Mathes at ext. 12238, preferably before Sept. 1.

## Correction

Scott Douglas Gerber, visiting assistant professor of government, has published *To Secure These Rights: The Declaration of Independence and Constitutional Interpretation* (New York: New York University Press, 1995). In essence, the book maintains that the Declaration of Independence articulates the philosophical ends of the United States and that the Constitution embodies the means to effectuate those ends. Gerber contends that the Constitution cannot be properly understood without recourse to history, political philosophy and law.

*Professor Gerber's name was incorrect in the item that appeared in the Departments and Schools section of the June 23 issue of the News.*

# Cultivating The Scientists Of Tomorrow

*Governor's School Program rounds out final year at College*

**F**or the last six years, William and Mary has been cultivating prospective scientists from some of the best and brightest high school minds in Virginia.

Each summer more than 230 gifted high school students from across the state have descended on the College for the Governor's School for the Gifted in Science, Computer Science, Mathematics and Technology and the NASA/VIMS Mentorship Program.

This year marks the final year that the College, which elected not to pursue another three-year contract, will host the state-funded program.

"Governor's School is like a coming-out party for kids who might want to be scientists," said Professor of Biology Larry Wiseman, who has participated in the program since 1989.

The intensive one-month programs are designed to expose gifted high school juniors and seniors to the academic environment of a college while giving them practical exposure to science careers.

Governor's School participants undergo rigorous competition at their own schools in order to be nominated for the program. A statewide panel then selects from the pool.

Classes for the program in Science, Computer Science/Mathematics and Technology typically don't follow the format to which the students are most accustomed. In addition to the traditional lecture format, classes focus on laboratory work and other practical exercises to demonstrate concepts in biology, geology, chemistry, astronomy and computer



Romuald Lipcius (in water), associate professor of marine science, collects samples of clams from the York River using a suction dredge while Tim McMath (standing) and Eleanor Eyster (sitting), students from the NASA/VIMS Mentorship Program, and Rochelle Seitz look on.

The primary goal of the program is to encourage the students to think for themselves and make each of them responsible for his or her own learning. There are no formal grades, quizzes or exams. Instead, students are encouraged to pursue material that most interests them and to interact regularly with College faculty both inside and outside the classroom.

In exit surveys, students widely credit Governor's School faculty for bringing the science disciplines to life. Over the six-year period, more than 95 percent of participants have rated the College's program as "excellent."

Students in the NASA/VIMS Mentorship Program take a somewhat different learning tack than their counterparts on the main campus by working with faculty and graduate students on a specific research project.

Herb Austin, professor of marine science, takes his students into marshes to collect dead fish for study. "These programs get students into the real world and out of the classroom," he said. "Governor's School gives them a chance to do 'real' science—to work in the field, analyze data and talk to other scientists about it."

Some 30 William and Mary graduate students, including this year's co-directors William Orton and Lou Lloyd-Zannini, doctoral students in gifted education, help run both Governor's School programs.

Rochelle Seitz, a graduate student in

marine science, has worked with participants in the NASA/VIMS Mentorship Program for the last four summers. She regularly takes students out on boats on the York and Rappahannock rivers where she teaches them how to snorkel and identify specimens as part of her research into crustacean ecology.

Helping in a variety of ways, including giving lectures and running labs, 25 College faculty members were involved in the program this year. Coordinators for the Science, Computer Science, Mathematics and Technology program included Assistant Professor of Chemistry Gary Hollis and Professor of Geology Jerre Johnson, Assistant Professor of Biology Sharon Broadwater and Marc Sher, associate professor of physics.

A six-year veteran of the program, Sher, whose area of expertise is astronomy, has taught a total of 240 Governor's School students.

Several of his former pupils, like Hans Ackerman, who attended Governor's School at the College in 1991, eventually chose to attend William and Mary based on their experience in the program.

The recent recipient of a prestigious Goldwater Scholarship, Ackerman believes Governor's School was instrumental in his decision both to attend the College and to study physics.

"I attribute much of my success to my experiences in Governor's School," said Ackerman, who believes the program was his best preparation for college. "The very nature of Governor's School fos-

tered thought, creative ability and the active pursuit of knowledge. In effect, we learned how to think. We learned how to learn."

Sher has found that a sizable number of students who hadn't previously considered William and Mary ended up attending the College because of Governor's School.

"We're probably able to attract an extra 15 to 20 Governor's School students as a direct result of the program taking place here," said Sher. "These students are the best of the best, and the caliber of their intelligence enriches the entire place immensely."

At least one third of participants who previously hadn't considered William and Mary indicate their intention to apply to the College after finishing Governor's School, according to Joyce VanTassel-Baska, director of the Center for Gifted Education and Jody and Layton Smith Professor of Education.

Beyond intellectual stimulation, Governor's School participants also reap considerable social benefits from their month in the program. In evaluations of the experience, students consistently praise the program for helping them build confidence about themselves and giving them a sense of belonging.

"At Governor's School, these students can take pride in their intelligence and not feel weird," explained Sher, adding that many of his students struggle to fit in socially at their high schools. "Governor's School helps a lot of them feel like they've found a home."

The students have a similar reaction and cite the value of what they learn outside the classroom. In his evaluation, one student wrote, "The most positive aspect is the social atmosphere. I was able to become more relaxed and sociable thanks to the great kids and atmosphere."

Students often forge friendships that last long after they graduate from the program. Ackerman's current roommate at the College was also a classmate at Governor's School.

Sher, whose wife participated in Governor's School in Colorado in 1974, believes several of the students won't realize the value of their experience for many years to come.

"Ten years from now, many of them will look back and consider this the best summer that they've had," he said.

*"Ten years from now, many of them will look back and consider this the best summer that they've had."*

—Marc Sher

science. Opportunities for interdisciplinary learning across science, math and technology areas are also emphasized.

"Bright kids are easily bored in high school," said Paul Stockmeyer, professor of computer science and lead instructor in the mathematics and computer science component of the Governor's School program. "Here we challenge them to wrestle with tough problems."

For example, to learn about computer usage in aircraft design and testing—a topic that he examined in class—Stockmeyer took his students to NASA Langley Research Center.

animals. They discussed the nature of the pH scale and applied their knowledge of acids and bases to tackle the problem.

A key feature of the training involved the teachers in the same educational processes in which their students will participate.

"I had forgotten most of this, if I ever really knew it," said one of the Institute's participants. "I won't forget it now, and I don't believe that the students will either. This process leads to real understanding."

The Institute also allowed teachers and administrators an opportunity to compare their current science programs to the guidelines offered by the National Science Standards, which emphasize the

increased use of hands-on, experimental instruction. The standards also advocate a more in-depth approach to understanding a few scientific principles, rather than broad-based, limited understanding.

This is the third year that the center has held the Institute for state-level administrators, principals, and elementary and middle school teachers. Overall, approximately 400 teachers and administrators have received training in the use of the new science curricula and assistance in implementing new science programs in their schools.

The two-week summer training program is funded by a grant from the U.S. Department of Education, Jacob C. Javits Program.

## Campus Crime Report June 1995

Crimes	
Assault	2
Larceny	
Bikes	7
From Buildings	5
Arrests	
Liquor Law Violations	2
Drug Abuse Violations	2
Fraud	1
Larceny/Theft	2
Summons Issued (traffic)	67

## Gifted Education Hosts Science Training Institute

What would you do if you were a supervisor with the highway patrol and you received a call about an acid spill on the freeway?

That's one of the questions more than 80 teachers and administrators from across the country considered recently at the Science Training Institute hosted by the Center for Gifted Education.

To provide the educators with new tools for teaching science, the Institute featured the problem-based science curriculum for high-ability learners developed by the center's faculty and staff.

The acid spill was one of several problems that the group tackled. Working in teams, the teachers had to determine the best way to clean up the spill, taking into consideration the effects on plants and

# CALENDAR

## SPECIAL EVENTS

### Through July 30

The Virginia Shakespeare Festival continues its performances of "Richard III" and "The Merry Wives of Windsor." All performances are in Phi Beta Kappa Memorial Hall. Evening performances begin at 8 p.m. and a matinee performance will be given on July 30 at 2 p.m. Additional scheduling information is available at the box office, 221-2674. Tickets are \$12 per play, \$20 for both plays when tickets are purchased together and \$9 per play for groups of 20 or more when group purchase is made.

### Aug. 8

All classified and hourly employees are invited to Employee Appreciation Day. This event, which combines the employee picnic and service awards ceremony, will be held from 11:30 to 1:30 p.m. in William & Mary Hall. Lunch will be served.

## MISCELLANEOUS

### July 26

The Muscarelle Museum invites members of the community to attend a family festival picnic, 6 to 8 p.m. The theme for the evening is "A Sensational Evening." Following a picnic dinner outside on the Kinnamon Plaza, there will be entertainment, music and art projects in the museum galleries. Cost for the package (dinner, beverage, entertainment and all supplies for art projects) is \$7 for children and \$10 for adults. Space is limited; reservations are required. Call 221-2703.

### July 28

James Kirkley, VIMS Fisheries Division, will speak on "Multi-Species Interactions and Resource Management," at noon in Watermen's Hall Auditorium.

### Aug. 24

The Christopher Wren Association, in cooperation with the Reves Center for International Studies, is sponsoring a reception for incoming foreign students from 4:30 to 6 p.m. in the Great Hall of the Wren Building.

## EXHIBITS

### Through July 31

"Civil War Williamsburg," drawn from University Archives and the Department of Manuscripts and Rare Books, is on display in the Botetourt Gallery at Swem Library. The exhibit focuses on the profound effect the war had on the College and the city. The exhibit is open from 8 a.m. to 5 p.m., Monday through Friday, and 10 a.m. to 1 p.m. on Saturdays.

### Through Aug. 27

"Before Discovery: Artistic Development in the Americas Before the Arrival of Columbus" at the Muscarelle Museum. The exhibit, on loan from the Lowe Art Museum at the University of Miami, Fla., was organized as an official Christopher Columbus Quincentennial project. It draws together more than 150 pre-Columbian artifacts from Mexico, Costa Rica, Colombia, Ecuador and Peru that offer insight into the ideas and culture of the native American peoples who preceded the European inhabitation of North and South America.

### Through Oct. 2

An exhibit titled "Giant Treasures: Illustrated Foliots" opened this summer in the Zollinger Museum, Swem Library. Drawn from the College's Manuscripts and Rare Books Department, the display features illustrations that serve to teach, document and decorate.

The exhibit spans five centuries of book illustration, beginning with artistic woodcuts from the Middle Ages and concluding with woodcuts of 20th-century artist J. J. Lankes. Included are black-



## VSF Continues Through July 30

Tickets are still available for the final performances of the Virginia Shakespeare Festival's summer productions of "Richard III" and "The Merry Wives of Windsor." Pictured are Tracy Larson (l) as Anne and Joel Ladd as Richard in a scene from "Richard III," which will be performed July 26 and 28 at 8 p.m. and July 30 at 2 p.m. Performances of "Merry Wives" will be given on July 27 and 29 at 8 p.m. All performances are in Phi Beta Kappa Memorial Hall. For tickets, call the box office at 221-2674.

and-white and color engravings, mezzotints, lithographs and photographs, all illustrating large volumes. In some cases, the illustrations are the books, while in others, they enhance and embellish the text.

An illustrated folio of reproductions—Mark Catesby's *Natural History* (1974)—adorns the walls of the museum.

## COMMUNITY

### July 29, 30

Costumed interpreters will present a special 45-minute program commemorating the first meeting of the General Assembly at Jamestown in 1619. The program will take place at 10:15 a.m.; 12:15, 2:15 and 4:15 p.m. each day on the grounds of the original site of Jamestown. Admission to the site is \$8 per car or \$2 per pedestrian or bicyclist. For more information, call 229-1733.

## CLASSIFIED ADVERTISING

Classified ads are included as a service to members of the College community and will be accepted from faculty, staff, students and alumni only. Only one ad per person per issue is permitted and should be no longer than 40 words. Ads must be submitted no later than 5 p.m. on the Friday preceding News publication. Send ads in writing to the William & Mary News office or via electronic mail to [wmnews@mail.wm.edu](mailto:wmnews@mail.wm.edu). Ads will run one week only with an option to renew for one additional week. No ads or requests for renewal will be accepted over the phone. For more information, call the News office at ext. 12639.

### FOR SALE

House on Powell St. in downtown Williamsburg, adjacent to College (easy walk or bike ride). Four BRs, 2 baths. Call 229-9535.

James Square townhouse, 1,500 sq. ft., 3 BRs, 1-1/2 baths, large LR, DR, kitchen. Fireplace, hardwood floors downstairs, new roof and heat pump. Two miles from campus (off Jamestown Rd.), walking distance to Fresh Market and Polo Club and bicycling distance to Kingswood pool. Assumable loan, \$79,000. Call for appointment, 229-0158 or 642-7147.

1986 Chevette, good cond., paint faded, new tires, new shocks, \$700. Side-by-side refrigerator, 22.6 cu ft. with icemaker, excellent cond., \$350; dryer, \$125; washer, \$40; Also misc. furniture. Call Katie at 221-2351 or 229-2209.

Blue 1987 4-dr. Chevrolet R.S. station wagon w/luggage rack; automatic transmission, cruise control, new battery. \$2,225 (negotiable). Call 229-5311.

1988 Oldsmobile Royale, white 2-door with power steering, brakes and windows, AC. 76,000 miles, one owner. Call 221-3165 or 966-5528.

1992 Saturn SL 1, 4-door, AC, new AM/FM

stereo cassette. Excellent condition, very well maintained. 92K, all highway commuting. Call ext. 12321 or 220-8493.

1994 Honda Civic CX, teal, 2-door with hatch, 5-speed, AC, AM/FM stereo, CD-compact. Excellent condition, low mileage, great on gas. Under manufacturer's warranty, plus extended warranty, salt protection paint package. Below Blue Book at \$9,400. Leave message at 247-2913.

1986 Jayco camper, 29' long, AC, awning, sleeps 4, fully contained. Many extras. Can be seen at 134 Mimosa Dr. or call 229-4860.

1988 Bayliner Cuddy Cabin 19', 130 HP, OMC I/O. Low hours, very good condition. Includes trailer with power winch, extras. Call 221-3004.

Woman's 24", 10-speed bicycle, new tires and tubes. \$75. Contact after 4 p.m. at 229-2994.

11-piece ivory lacquer bedroom set, including tube waterbed. Like new, purchased from Willis Wayside for \$5,500. Sell for \$2,500. Must see. Call 229-2343.

White brass day bed with mattress, extra trundle with no mattress, excellent condition, rarely used, \$175. Two day bed covers—blue corduroy with 2 bolsters; and blue, tan and wine with 3 pillow

covers—\$50. Call 887-5402 after 5 p.m. or leave message.

Computer, Mac SE, 4Mb RAM, 20Mb HD, flaky floppy with travel case and Seikosha printer, 1200 baud modem, all for \$400. Call 220-2879.

Collectors' editions of president and celebrity dolls, vinyl and porcelain. \$60-\$150 each. Collectors' sets, Little Rascals and Alice in Wonderland. \$300 per set. All in original boxes. Prices negotiable. Call 886-0540.

Moving sale: Bicycle travel case, \$25 (hardside, airline approved) and trainer, \$15; Pfaltzgraff Yorktown dinnerware, 52 pcs., \$25; wrought iron table and chairs, \$60; 4-drawer metal file cabinet, \$15; electric self-correcting typewriter, \$25. Call 220-2879.

Very special bunny for special family. 3-year-old lop-eared, tan-colored bunny needs new home. Excellent with people and cats. \$10 for rabbit, cage, food, all accessories. Call 221-2351 or 229-2209.

### WANTED

Roommate for 2 BR Apt in Clinton Gardens \$265/mo. + util./phone. Contact Hugo Woerdeman. email: [HUGO@cs.wm.edu](mailto:HUGO@cs.wm.edu). Phone 301-652-7228.

Child care needed in our home for 1-year-old. Ideally 20-25 hrs. per week, but hours, days negotiable. Call 253-5874.

Volunteer opportunity to assist in educational programs at Williamsburg Campus Child Care Cen-

ter located behind W&M Bookstore. 7 a.m.-6 p.m. Mon.-Fri. If you are a student who would like experience with young children, contact Director Sandy McDonald at 221-2121.

Part-time, hourly sales associate in museum gift shops. Duties include store and phone sales, operating cash register, receiving merchandise, arranging displays and performing routine maintenance. Good people skills required; interest in history helpful. Hours between 8:30 a.m. and 5:45 p.m., averaging 30 hours per week. Frequent weekends and holidays. \$5.17-\$5.78 per hour. Submit state employment application to Jamestown-Yorktown Foundation, Human Resources Office, P.O. Drawer JF, Williamsburg, VA 23187. For information, call 253-5549. EEO/AA/ADA.

### SERVICES

Child care offered: want toddler to play and learn with 20-mo.-old boy in our home with loving, experienced nanny. Flexible hours, cost effective, wonderful home environment for children. Call Victoria Foster, ext. 12321 or 220-8493.

Big Easy Kennel, a new pet boarding facility specializing in individual care. Located on 7 country acres in Williamsburg area. Accepting reservations for summer and fall. Call Betsy Cobbledick at 566-3532 or ext. 11207.

### Lost

Class of 1929 William & Mary ring belonging to grandfather of 1995 grad lost at end of school year. Great sentimental value. Call the News office at ext. 12644.

Set of keys on silver heart key ring with initial P. Call 229-0757.

## WILLIAM & MARY NEWS

The next issue of the *William and Mary News* will be published on Wednesday, Aug. 16. Deadline for submission of items is 5 p.m. on Friday, Aug. 11, although submissions prior to the deadline are encouraged. Call ext. 12639 with any questions or concerns.

The *William & Mary News* is issued throughout the year for faculty, staff and students of the College and distributed on campus Wednesday afternoons.

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](mailto:wmnews@mail.wm.edu), no later than 5 p.m. the Friday before publication.

Poul E. Olson, editor

Marilyn Carlin, desktop publishing

C. J. Gleason/VISCOM, photography

Stewart Gamage, vice president for community relations and public service

Shawn Holl, proofreader

## EMPLOYMENT

The following positions at the College are open to all qualified individuals. Those wishing to apply must submit a Commonwealth of Virginia application form (and resume if they wish), which includes applicant's social security number, to the Office of Personnel Services, Thienes House, 303 Richmond Road, by no later than 5 p.m. on the deadline date. For application deadlines and additional information, call ext. 13167.

Informational interviews will be held in the Office of Personnel Services from 9 a.m. to noon on Thursday of each week.

The College will make a reasonable effort to accommodate persons with disabilities in the application, testing and/or interview process. If possible, please contact Debby Rorrer, ext. 13155, at least three days in advance of the need for accommodation.

The following positions have been released from the State hiring freeze. They are hourly positions which do not carry benefits.

**Certified Nurse Practitioner**—Unclassified, \$16.83 per hour, 30 hours per week from Sept. to May.

Weekend duty (rotational 1:5) required. #H0705X. Location: Student Health Center.

**Office Services Specialist**—Unclassified, \$7.55 per hour, 10-20 hours per week, flexible schedule. #H0707X. Location: Office of Auxiliary Services.

The following positions have been released from the State hiring freeze. They are regular full-time positions which do carry benefits.

**Laboratory Technician Senior**—Entry salary \$15,703. #00056X. Location: Eastern Shore laboratory (VIMS).

**Library Assistant (Head of Circulation)**—Entry salary \$20,514. Occasional weekend and holiday work may be required. #00513X. Location: Marshall-Wythe Law Library.

**Licensed Practical Nurse B**—Entry salary \$15,638. Ten-month position Aug. 15-May 15, Mon.-Fri., 8 a.m.-6 p.m., with occasional after hours; June and July, 20 hours per week, varying times. On-call, night and weekend rotation availability required. #00226X. Location: King Student Health Center.

**Registered Nurse**—Entry salary \$26,800. Requires participation in night and weekend on-call responsibility and in weekend work schedule on rotating basis. #00257X. Location: Student Health Center.

**Psychologist, Counseling Center.** Faculty-equivalent, year-round position. Starting salary anticipated to be \$33,800 to \$34,800, with full College benefits, including retirement, health insurance, life insurance and one month's paid vacation. Assistance with moving expenses provided. For additional information, contact Office of Personnel Services, 221-3169.

**Staff Physician.** Strong background in general medicine to provide primary care for student population. BC/BE in FP/IM/EMERMED/peds preferred. Experience in sports medicine, out-patient gynecology and mental health assessments is essential. Full-time, 12-month position includes 24-hour rotating call (1:4), no hospital responsibilities. Must be eligible for Virginia license. For additional information, contact Office of Personnel Services, 221-1369.