



# NEWS

A Newspaper for Faculty, Staff and Students

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## Legislators Propose \$92 Million for College Construction

\$1.6-billion bond package would finance construction over six years

While proposals for deeper cuts to the operating budget swirl in Richmond, two prominent legislators are advancing a bond plan that could help transform facilities at William and Mary and other state universities. Sen. John Chichester, chair of the Senate Finance Committee, and Del. Vince Callahan, chair of the House Appropriations Committee, announced on Jan. 7 a \$1.6-billion capital outlay package that includes \$92.65 million for William and Mary construction projects.

"This is a plan for the future of Virginia's education that we haven't had and we desperately need," said President Timothy Sullivan. "If the General Assembly and Governor Mark Warner concur with this proposal, the commonwealth will enjoy a capital construction process that is more accountable, more predictable and ultimately more cost-effective."

News of the capital outlay proposal came immediately before incoming Gov. Mark Warner announced that the shortfall in the state operating budget for this year has grown to \$1.3 billion, a figure that may increase to \$5 billion by 2006. In his State-of-the-Commonwealth address on Jan. 14, the governor called for cuts to state agency budgets of 3 percent this year, with the possibility of an additional 7-percent cut in the next fiscal year. He also said that he is limiting new hiring to essential personnel. More spe-

### Confused by the Budget?

Yes, Virginia, the News has reported two seemingly contradictory budget stories in this and the last issue. In December, we reported that a shortfall in the state budget would lead to cuts in College operating budgets and a hiring freeze. Now comes word that Sen. John Chichester and Del. Vince Callahan have proposed a bond issue to fund Virginia college and university building projects. Wondering what gives?

- William and Mary's operating budget, which funds the College's day-to-day activities, will need to absorb cuts in the coming months on the order of the 2% recommended by Gov. Jim Gilmore or 3% suggested by Gov. Mark Warner. Such cuts are necessary to help the commonwealth recover a \$1.3 billion shortfall by June 30, 2002—the end of Virginia's fiscal year.
- William and Mary's capital budget, which funds campus renovation and construction projects, extends for several years and can be financed by bonds. Sen. Chichester and Del. Callahan's proposal takes just this approach.
- Under state law, capital funding cannot be used to cover shortfalls in the operating budget.

For up-to-the-minute news about William and Mary budgets, visit [www.wm.edu/budgetinfo/](http://www.wm.edu/budgetinfo/). ■

cific information about the cuts is expected when the governor submits his budget amendments on Jan. 22.

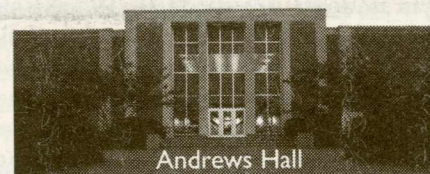
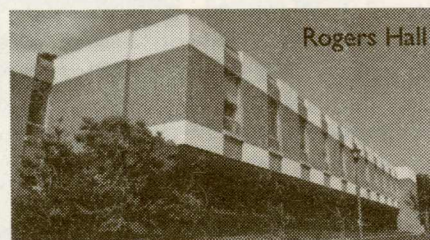
The plan for capital facilities is proceeding on a different track since much of the funding would be provided by the sale of long-term bonds. Under the proposal, William and Mary and Virginia's other campuses would receive capital support in three phases.

The bond proposal is part of a legislative package dubbed "Building

Virginia's Future" that Chichester and Callahan will co-sponsor during the 2002 General Assembly session, which began Jan. 9. Chichester described the new approach as an attempt to "plan and make long-term decisions about [the commonwealth's] infrastructure needs right alongside its day-to-day operating choices." The proposal includes a six-year funding plan—to be updated every

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Renovation projects will improve and enlarge campus buildings, including:



## Michael Powell '85 To Speak at Charter Day

Donald Kennedy will receive honorary degree



Powell

Chair of the Federal Communications Commission Michael Powell '85 will speak at this year's Charter Day exercises, commemorating the 309th anniversary of William and Mary's founding, on Saturday, Feb. 9. Powell will also receive an honorary doctor of public service degree, while Donald Kennedy, president emeritus of Stanford University, will receive an honorary doctor of science degree.

The event will be held at 10:30 a.m. in Phi Beta Kappa Hall. Tickets are free to members of the College community, subject to availability. Call 221-1001 Feb. 7-8 to check on the availability of tickets.

"William and Mary is pleased to honor two individuals who have contributed much to our national life. One of our own graduates, Michael Powell, is judiciously guiding the development and use of America's increasingly vital communication networks," said President Timothy Sullivan. "Donald Kennedy has set demanding standards for all who aspire to leadership in higher education by enhancing one of the nation's premier educational institutions while advancing his own research interests. As a result, he now stands as one of our country's most distinguished scientists."

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## Holloway Takes the Fight to Terrorists—and Tumors

\$1.5-million funding will aid electron research

Assistant Professor of Applied Science Brian Holloway has been awarded \$1.5 million to conduct

high brightness electron source research that will be useful in fighting everything from terrorism to tumors. U.S. Sen. John Warner (R-Va.) and Rep. Jo Ann Davis (R-Va.) jointly announced the grant, which will be administered by the Office of Naval Research.

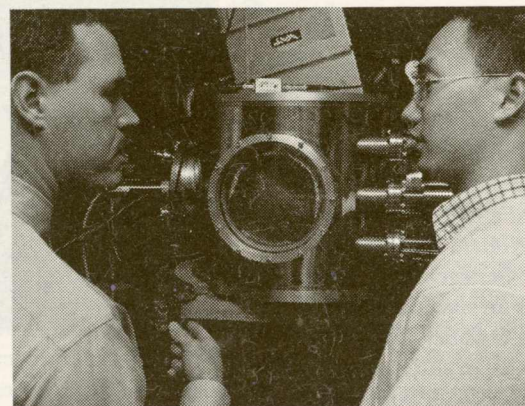
"Scientific research that can advance the causes of national security and health care is a higher priority than

ever," said Warner. "We appreciate William and Mary's leadership in this important work, and we are pleased to provide funding to advance the effort."

Holloway will collaborate with colleagues at the University of Florida and North Carolina's International Technology Center on research that may increase the power of radar, sonar and X-ray

equipment by a factor of 100 or more. Since a myriad of today's technologies

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Assistant Professor of Applied Science Brian Holloway (left) and Ph.D. candidate Li Zeng discuss the operation of the vacuum deposition chamber critical to their research.

## Donaldson To Study A Broader View of the South

Fulbright will send NEH Professor of English to Germany for the summer

**B**ased on her previous experience teaching abroad, Susan Donaldson expects to learn as much as her students when she travels to Bonn, Germany, this summer on a recently awarded Fulbright scholar grant.

At the University of Bonn, the professor of English will teach two 12-week courses as part of the university's North American studies program and will conduct research into the politics of memory in the American South and contemporary Germany. Donaldson will be in Germany from March until July.

Her current research is an extension of ideas she developed while teaching at the University of Leiden in the Netherlands.

"I was teaching a Southern literature and culture course, and the students, who were well-educated internationally, were very interested in the problem of memory and history in the American South and its similarities to Dutch history," Donaldson said.

The ensuing dialogue ultimately led Donaldson to engage in a new, comparative approach to Southern literature and culture—a boon she said could only come from teaching in another country.

"Teaching abroad is exhilarating," she said. "It is an opportunity to gain new perspectives in your own field of study and examine critical assumptions."

Donaldson anticipates that her time in Germany will elicit similar insights as her students respond uniquely to the texts she has chosen, including a variety of narratives, essays, novels and films. In an undergraduate course, Donaldson will focus on Southern literature and culture, and students in her graduate course will study women writers of the American South. They will analyze pairs of texts, one from a white author, the

other from an African-American writer.

Both courses will be taught in English, although Donaldson, who speaks some German, will take an intensive language course during her first month at the University of Bonn.

No stranger to Germany, Donaldson has lectured at the University of Bonn several times as part of its North American studies program. The program's retired director, an internationally known Faulkner expert, invited Donaldson to apply for the Fulbright grant as a result of her lecture work there.

Donaldson is confident she will return from Germany with a fresh approach to literature and an expanded understanding of European culture—benefits that will enrich the experience of her students at William and Mary.

Donaldson's Fulbright travel is also supported by the College's internal grant program.

"William and Mary has always been extremely generous and supportive of research, international lectures and conferences," Donaldson said.

"These grants are an opportunity to travel to other universities, museums or libraries for purposes of research or collaboration. They enhance and expand

faculty members' experience and teaching abilities and therefore also benefit the College as a whole," said Anne Womack, director of sponsored programs for grants and research administration.



NEH Professor of English Susan Donaldson will leave her Tucker Hall office behind this summer for several months of study in Germany.

The Fulbright program is an international studies program that provides teaching, research and study opportunities for professors, students and scholars worldwide. ■

by Tim Jones

## General Assembly to consider \$1.6-billion capital outlay package

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two years—and calls for spending approximately \$250 million a year on higher education construction projects.

Under the plan, William and Mary and Virginia's other institutions of higher education would receive capital support in three phases. First, the bond proposal would restore previously approved and funded projects "cashed in" during last year's budget crisis. William and Mary would receive more than \$16 million during this phase to resume the renovation and expansion of Millington Hall and update the campus's heating and cooling infrastructure. A second phase would "jump start" capital projects that were proposed—but not acted upon—by the 2001 General Assembly. William and Mary would receive \$13 million to renovate and expand Rogers Hall as a part of this effort. Virginia College Building Authority (VCBA) bonds would fund these priorities.

Finally, the proposal's third tier would offer general obligation bonds in support of the renovation and expansion of William and Mary's Law School library, the renovation of Andrews and Small halls, and the restoration of the Lake Matoaka Amphitheater—projects totaling approximately \$35 million. The general obligation bonds would also provide almost \$24 million for the construction of a marine research lab and a research storage facility at the Virginia Institute of Marine Science and \$3.45 million toward the renovation of Richard Bland College's library and art building. William and Mary's total capital funding under the plan comes to \$92.65 million.

The general obligation bonds total \$845 million and would be subject to a statewide referendum this November. The remainder of the funds are not subject to a referendum and would be available this year after approval by the General Assembly and the governor.

The legislative package—Virginia's largest investment in capital construction since a general obligation bond in 1992—would revive previously approved projects stalled by last year's effort to balance the state budget. While capital construction has fallen drastically behind, enrollments continue to rise. The proposed plan would help prepare the commonwealth's colleges and universities to accommodate enrollments that are projected to grow by more than 30,000 students before 2010.

The construction plan calls for borrowing during the current economic crisis—through bonds—and spending cash when the commonwealth's economy rebounds. As Callahan told a group that included most of Virginia's college presidents Monday, the plan "makes infrastructure needs a priority rather than an afterthought."

The forward-looking legislative package ensures that construction projects will no longer be sacrificed during budget shortfalls—like the one currently faced by Virginia colleges and universities. ■

by Jackson Sasser

## Michael Powell '85, David Kennedy to receive honorary degrees at Charter Day

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### Michael Powell

Nominated by President Clinton, Powell joined the FCC in November 1997. In early 2001, President George W. Bush designated him chair of the five-member commission.

As FCC chair, Powell is the chief regulator of the companies responsible for television and radio programming. He also oversees firms that provide telephone service, Internet access, cable television, cell phone and pager service and nearly every other form of communication. His decisions will affect the way Americans communicate for many years.

Through his FCC service, Powell has demonstrated his commitment to free speech. "It is better to tolerate the abuses on the margins than to invite the government to interfere with the cherished First Amendment," he said.

Powell earned a bachelor's degree in government at William and Mary and a law degree from Georgetown University. He has served as an executive officer in the Army and as a policy adviser to the secretary of defense. In addition to his duties as FCC chair, Powell supervises national security emergency preparedness functions for the commission as its defense chair.

Although most Americans recognize the Powell family for its public service—Michael's father, Colin, is a retired four-star general and current secretary of state—the family is equally dedicated to William and Mary. Both of Michael's younger sisters, Linda '87 and Anne '92, and his wife, Jane Knott Powell '85, attended the College. His father was presented with an honorary degree in 1988 when he spoke at commencement. The Powells have two sons, Jeffrey and Bryan.

### Donald Kennedy

Kennedy is currently the editor of *Science* magazine and the Bing Professor of Environmental Science at Stanford University, which he served as president for 12 years. His studies at Harvard, where he received bachelor of arts, master's and doctoral degrees, centered on animal behavior and neurobiology.

Kennedy took a two-and-a-half-year leave from academia in 1977 to serve as commissioner of the U.S. Food and Drug Administration. Having long insisted that scientists should consider government service as a standard part of their careers, Kennedy decided that the FDA was the place he should go.

"It is where a whole critical set of decisions has to be made, and where the contributions of people with the kinds of training that academic scientists have are much needed," he said.

While at the FDA, he handled such emotionally charged issues as the proposed bans on saccharin and Laetrile, a drug touted as a cure for cancer. Other controversial issues tackled during his tenure were bans for the meat preservative sodium nitrate and fluorocarbon sprays, which were depleting the ozone layer.

Kennedy returned to Stanford in 1979, where he served for a year as provost and then as president until 1992. He improved faculty and staff salaries, took charge of faculty affirmative action programs and created task forces to attract women professors. Kennedy also preached that the duty of his faculty was "to teach, to mentor, to serve the university, to tell the truth, to 'research beyond the walls' and to change. The most important of these," he said, "is the first, the duty to teach."

The Charter Day Convocation celebrates the occasion in 1693 when King William III and Queen Mary II granted the charter that made William and Mary the second institution of higher learning in what became the United States. ■

by Ann Gaudreaux



Kennedy

# McGlothlin Joins Board of Visitors

## Alumnus to fulfill Elizabeth McClanahan's unexpired term

**O**n Jan. 11, then-Governor James Gilmore announced the appointment of James McGlothlin of Bristol, Va., to the William and Mary Board of Visitors. The vacancy was created by the resignation of Elizabeth McClanahan of Abingdon, Va., from the board in order to serve as chief deputy to the attorney general of Virginia. McGlothlin served on the board from 1984 to 1993.



McGlothlin

"I am delighted to welcome Jim McGlothlin back to the board," said President Timothy Sullivan. "He is a loyal alumnus and generous friend of the College who served on the board with distinction. His appointment is an excellent one, and I look forward to working with him to strengthen William and Mary in the years ahead."

McGlothlin earned a bachelor's degree from the College in 1962 and a

law degree from the College's Marshall-Wythe School of Law in 1964, and he was awarded an honorary LL.D. in 2000. In 1988, he received the Alumni Medallion from the Society of the Alumni, and in 1997, the College's McGlothlin-Street Hall was dedicated in honor of the McGlothlin-Street family, founders of the United Company of Bristol, Va.

McGlothlin is the chair and chief executive officer of the firm, which has interests in energy, real estate, financial services and other areas. ■

by Bill Walker

# Shanghai Evening Post Offers Readers Visions of a Gingerbread Wren

## Graduate student shares holiday tradition with homeland

**R**eaders of the Dec. 26 edition of the *Shanghai Evening Post* found news of William and Mary when they turned to the paper's international page. Alongside articles about Russian President Vladimir Putin and China

the Chinese media thanks to Clare Song, a graduate student in accounting who was so impressed with the edible reproduction that she wanted to share it with her native China.

Song translated the press materials detailing the project,

the other parts of the world celebrate Christmas," she said. "This is a unique tradition that most Chinese people don't know about."

A student of numbers, Song says she was drawn to the Gingerbread Wren in part by its flurry of figures—23 pounds of gingerbread mix, seven dozen eggs, 40 pounds of confectioners' sugar, 548 Wheat Thin crackers, 250 man-hours.

"Numbers are sometimes more descriptive than pictures," Song said. "The number of hours that went into the project is really amazing."

When Song graduates next December, the Gingerbread Wren will have emerged from storage to be displayed on campus throughout the 2002 holiday season. Song hopes her parents can travel to campus to watch her graduate and says that, if they do, they will definitely tour both of the College's Wren buildings. ■

by Amy Ruth



Telacom, a short feature acquainted readers with the gingerbread model of the Wren Building, constructed during the holiday season by 13 friends of the College.

The news found its way into

would appeal to the paper's 500,000 subscribers.

"Christmas is becoming more and more popular in China due to the influence of Western culture, and Chinese people are interested in how

# Holloway's research receives \$1.5 million in federal funding

Continued from Page 1.

depend on electromagnetic radiation—including radar, sonar and communications systems integral to military operations; television, radio and cellular signals enjoyed by civilians every day; and X-ray, CAT scan and other diagnostic technologies used by doctors—the research's potential applications are almost innumerable.

"Senator John Warner and Congresswoman Jo Ann Davis understand the importance of William and Mary's research in applied science in the wake of the Sept. 11 attacks, and we are grateful for their initiative and leadership in its support," said William and Mary President Timothy Sullivan. "This kind of forward-thinking government support helps research to improve our national and interna-

tional communities and also helps welcome innovative and entrepreneurial scientific minds to our local Williamsburg community."

The most pressing application of Holloway's research—especially in the context of the current war against terrorism—is its potential to revolutionize the way soldiers, sailors and pilots communicate with one another, monitor the enemy and conduct electronic warfare.

"The Department of Defense currently uses 170,000 microwave tubes in more than 260 field-deployed systems," Holloway said. "Improving the efficiency of these systems will help troops do their jobs on the ground, in the air and on the water."

The High Brightness Electron Source Program will also enhance the efficiency of medi-

cal and civilian technologies. Doctors will be able to apply more powerful "focused energy" treatments to their patient's tumors, cellular telephone users will enjoy stronger signals, and television junkies will be glued to better performing and less expensive flat-screen TV sets.

"It's exciting to work on something with such an enormous range of applications," said Holloway, who has focused on material synthesis and surface science since 1992.

The leadership of Sen. Warner, who serves as ranking member of the Senate Armed Services Committee, ensured that the High Brightness Electron Source Program received both approval and appropriation by the 107th Congress. Rep. Davis, who represents Virginia's first district and

## making headlines

### ROTC Commissions Two New Officers

William and Mary's ROTC program recognized two graduating seniors at a commissioning ceremony Dec. 29. Several dozen family members and friends joined the military science program in honoring Christopher Molino and John Bond, who both became 2nd lieutenants in the U.S. Army. Molino will serve as an infantry officer, and Bond will serve as a field artillery officer after spending the next six months as a Gold Bar Recruiter at William and Mary.

"Bringing new recruits into a great program I just finished is a nice calling," Bond said of his recruiting assignment. He also looks forward to "testing his skills" during his further training and deployment to Germany—especially after being called up in September, as a member of the Virginia Army National Guard, and visiting "Ground Zero" last month.

"It's an eye-opener, and it definitely reaffirmed my faith in my career choice," he reflected. "Soldiers are people, just like those directly affected by the events of Sept. 11, and those people need leaders. That's what William and Mary provides—good leaders."



Debbie Bond looks on as Lt. Col. Victor Holman congratulates her brother, John, on his Dec. 29 commissioning as a 2nd lieutenant in the U.S. Army.

### Remembering John Marshall

The Papers of John Marshall, a documentary editing project sponsored by the College and the Omohundro Institute of Early American History and Culture, recently received grants from the National Endowment for the Humanities and the William Nelson Cromwell Foundation of New York City. Totaling more than \$150,000, the grants will help fund volume 12 of the *Papers*. Volume 11 is currently in press and is due out next fall.

Editor Charles Hobson shared his expertise on John Marshall in "Remembering the Great Chief Justice," a lecture delivered before the Supreme Court in December. Hobson's presentation, which was introduced by Associate Justice Ruth Bader Ginsburg, concluded the series "The Supreme Court of John Marshall."

### Student Lunches, Office Hours with President Sullivan

President Timothy Sullivan will host a series of luncheons to give students an opportunity to meet with him informally in groups of 10. Lunches will begin at noon (Feb. 11, 27; April 5) or 12:30 p.m. (Jan. 31, March 19, April 18) in the President's House and last approximately one hour.

President Sullivan also reserves office hours especially for students to discuss issues that concern them (or just to chat). Individuals or small groups may reserve 10-minute appointments between 4 and 5 p.m. on Feb. 5, March 12 or April 15. Students may sign up by contacting Carla Jordan at 221-1693 or cajord@wm.edu.

serves on the House of Representatives' International Relations and Armed Services committees, was also an enthusiastic supporter of its funding.

The High Brightness Electron Source Program's potential applications all depend on an innovation invisible to the naked eye—one-tenth the width of a human hair, in fact. By manipulating the type and amount of materials used to launch electromagnetic waves, the researchers can improve their efficiency and power. Holloway, whose expertise is in carbon-based materials, and the University of Florida's Tim

Anderson, who works with metal-based materials, will submit their newly improved materials to Gary McGuire, whose North Carolina laboratory will combine the two materials in a new breed of electron source.

While the technology will be in development for several years, Holloway reflected that it may arrive in time to help the U.S. military prosecute the war on terrorism.

"This technology could have an immediate impact when it is introduced," he said. "If we're successful, it will save lives." ■

by Jackson Sasser

