



NEWS

A Newspaper for Faculty, Staff and Students

Welcoming new faculty

New members of the faculty at the College will be officially welcomed during a campuswide faculty meeting scheduled for Sept. 9 in Washington Hall at 4 p.m. A reception will follow in the Wren Yard.

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Nichol launches conversation on 'great' and 'public' theme

William and Mary President Gene R. Nichol launched on Thursday a wide-ranging conversation with the Board of Visitors, students, faculty, alumni and the public at large to determine what the institution must do in the coming years to enhance its educational program while strengthening its commitment to serve the Commonwealth of Virginia.

Nichol, who took the William and Mary helm on July 1, will be speaking to groups throughout the state and nation, as well as to campus constituents, in what is being termed a conversation on the College's aspiration to be both great and public.

"Simply put, what does it mean to be a university that is both great and public in the 21st century?" asked Nichol. "What charges are presented by those two demanding

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Standard & Poor's gives College coveted double-A credit rating

Standard & Poor's, one of the nation's premier bond rating agencies, has awarded the College of William and Mary the firm's prestigious double-A credit rating. The superior rating will enable the College to issue bonds for capital projects at favorable interest rates, and is one of the highest ratings awarded to public institutions of higher education.

"This is an independent assessment of William and Mary financial health from one of the nation's outstanding rating agencies," explained Sam Jones, vice president for finance. "We applied for the bond rating as part of our effort to secure the broadest authority under the Higher Education Restructuring Act of 2005. To qualify for the third level, Virginia public colleges and universities must demonstrate their financial stability by winning at least a double-A minus rating. We are delighted that we surpassed that mark."

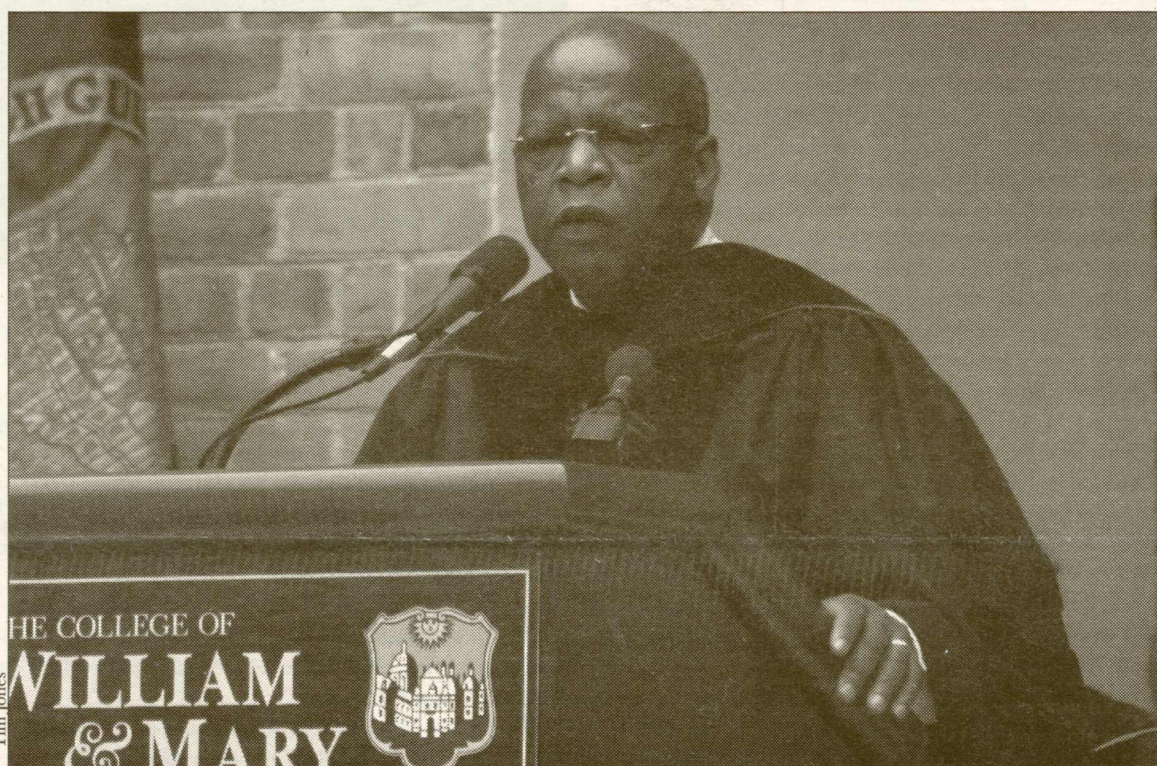
The vice president explained that, to this point, the College has issued bonds through the authority of the state, and that it might well continue to do so to finance construction projects. The new rating, however, will enable the College to issue bonds independently, if it chooses.

Jones said that the rating is awarded only after a rigorous review of all factors that determine the finan-

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William and Mary students must take part

Lewis envisions a 'beloved community' during address at opening convocation



Rep. John Lewis told students to "find a way to get in the way" during the convocation ceremony.

U.S. Congressman John Lewis (D-Ga.) called on students at William and Mary to lead the United States and the world toward a "way of peace" and a "way of love."

Lewis, the famed civil rights leader who repeatedly braved violent opposition as he worked to end legal segregation in America, addressed the incoming class of 2009 during the College's opening convocation ceremony on Aug. 26.

"Through your leadership here on this campus and in the larger community, you must help build

an all-inclusive world community based on simple justice—an all-encompassing community that values the dignity of every individual," Lewis said. "It's what I like to call the beloved community."

"Beloved," he explained, means "not hateful, not violent, not uncaring, not unkind." "Community," he added, means "not separated, not polarized, not locked in struggle."

Lewis recalled his childhood in the segregated South when he questioned his parents about the racial

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Inside W&M News

Constitution Day irony

Professor Van Alstyne discusses Congress' mandate that the nation's schools honor the Constitution.

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Two receive service awards

Professor Jonathan Arries and student Michael Faithful were recognized during convocation ceremonies.

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A push for HACE

HACE's employee-assistance fund benefits from the College's sponsorship of a Busch Series race car.

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College opens classrooms to Virginia students enrolled in Gulf region

Seven undergraduates and five law students from Katrina-devastated Tulane University in New Orleans have enrolled at William and Mary to continue their education for the semester.

In response to the national emergency caused by the storm, the College announced on Sept. 1 that it would admit for the current semester academically qualified Virginia students enrolled at Gulf Coast universities closed for the term by hurricane damage.

"William and Mary is literally bursting at the seams," said President Gene R. Nichol, "but we are determined to aid storm victims by supporting Gov. Mark Warner's call for aid to affected students from Virginia. Although our housing occupancy rate stands at 101 percent, we are making it possible for these students



Courtesy of Mary Bahamonde/FEMA

Katrina devastated New Orleans.

to register and resume their education in Williamsburg."

Nichol went on to explain that academically qualified Virginians have been

admitted as visiting, non-degree students and that the College is doing everything possible to ease their transition. Assistant Dean of Students Beth Pretty said her office had prepared a welcoming basket for each of the students and has helped secure on- and off-campus housing. She has been flooded with phone calls from current students seeking to lend a hand to those arriving from New Orleans.

"We are also going to provide the maximum financial flexibility for these students and their parents. We are hoping to work with the Commonwealth to develop a systemwide approach to provide funding for storm victims," said Nichol.

The deadline for application was Wednesday, Sept. 7, and all of the Gulf Coast students are expected to be in class no later than Monday, Sept. 12.

Van Alstyne appreciates the irony of Constitution Day law

Considered one of the top constitutional legal minds of his time, William W. Van Alstyne, Alfred Wilson and Mary I. W. Lee Professor of Law at the College's Marshall-Wythe School of Law, has given countless lectures and presentations on his favorite subject—the world's oldest Constitution. However, those programs were never part of a law mandated by Congress.

So when Van Alstyne was first asked to present a program at the College on Constitution Day, a new Congress-approved requirement for institutions that receive federal funding, his first thought was of the irony. Instead of lawmakers and the federal government urging institutions to consider some sort of commemorative activities, Van Alstyne said, the new law basically means Congress is saying "commemorate the Constitution or else."

"I thought this was a very ironic way to be honoring the Constitution," said Van Alstyne. "What right and power does Congress have to order institutions of higher learning to depart from whatever curriculum they feel is most appropriate? It's about academic freedom and I'll raise this question with the audience," he added.

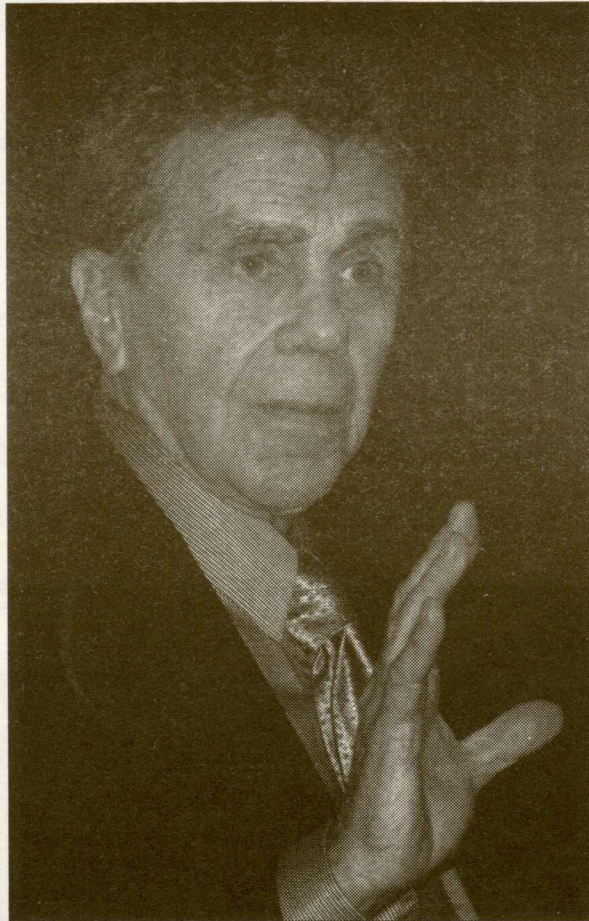
Van Alstyne will present the program, titled "Some Reflections on the World's Oldest Constitution and How Congress Chose to Honor It," at noon on Sept. 16 in Room 101 inside Andrews Hall on the main campus. The presentation is free and open to the public. Van Alstyne said he will encourage audience participation.

Part of the massive appropriations bill approved by Congress last year was a new law that now requires every school that receives federal funding, including public colleges and universities, to present a program on the Constitution. The law does not specify what type of program but stipulates that institutions that do not comply run the risk of losing federal appropriations.

Van Alstyne said it is similar to a case set to go before the Supreme Court later this year that deals with military recruitment on campus. The case, *Rumsfeld v. FAIR*, is centered in a federal law that requires colleges and universities that receive certain types of federal aid to allow military recruiters on campus. Because of the military's "don't ask, don't tell" policy, some colleges and law schools view this requirement as an impermissible intrusion into their First Amendment rights.

Van Alstyne will serve as a judge when the case is debated later this month during the moot-court argument of the Supreme Court Preview, the annual program sponsored by the law school's Institute of Bill of Rights Law.

"The law schools believe they should not have to open their facilities and assist any employer, whether it's the federal government or otherwise, that discriminates,"



Brian Whitson

Van Alstyne

said Van Alstyne, explaining that some schools sued the government claiming the law, which states that schools that do not comply risk losing millions in federal funding, violates institutional free speech and academic freedom. Most legal analysts, including Van Alstyne, expect the government to win in the Supreme Court.

"It's a difficult case because nothing in the law forbids the schools from publishing their sentiments. They can complain about the law or explain to their students that they don't condone it," he said. "I'm using this as an example because all of these tie into the way in which we celebrate Constitution Day."

He added, "Increasingly, Congress uses its spending powers with strings attached to coerce any number of things. The idea is that if you do not commemorate Constitution Day, you could be ineligible for federal funds."

Officially, the new holiday is to be celebrated each year on Sept. 17 to mark the signing of the Constitution

on Sept. 17, 1787. However, some flexibility is granted when the holiday falls on a weekend, such as on Saturday this year.

For those wishing to get an introductory course to the Constitution or those wishing to simply refresh their memory from high school government, few speakers come with the credentials of William W. Van Alstyne.

Before joining the Marshall-Wythe faculty in 2004, Van Alstyne had a distinguished 39-year career at Duke University Law School, where he developed a reputation as one of the country's foremost constitutional law scholars.

For example, Van Alstyne has twice been chosen in polls of his peers as being among those most qualified for appointment to the Supreme Court. A recent study named him as one of the 50 most-cited legal scholars of all time.

In addition, he has been a Fulbright Fellow in Chile, a senior fellow at Yale and a visiting faculty member at law schools across the nation, including the University of California at Berkeley, the University of Chicago, the University of Michigan, the University of Pennsylvania and Stanford. He has also lectured and taught in countries abroad. He has published numerous articles in the nation's leading law journals and has written books such as *Interpretations of the First Amendment*, and *The American First Amendment in the Twenty-First Century*, the principal textbook in its field.

While the irony of the federally mandated Constitution Day is not lost on him, Van Alstyne said he always enjoys discussing the Constitution. It is a subject, he said, that combines courtroom law, history, political science and philosophy.

"It's a subject that doesn't run out on you. There are always other things to look at," Van Alstyne said. "You can't spend a few years mastering it and move on."

Every attendee at the Sept. 16 program will receive a copy of the Constitution. Van Alstyne also will discuss its history and some of the amendments that helped to shape fundamental law in the United States over the past 200-plus years.

"The program will include some reflections on the history of the world's oldest Constitution and its improvements over time through amendments," he said. "I'll also discuss why we are there—because Congress has insisted on it."

On his legal opinion on the Constitution Day law, Van Alstyne said, "It is not necessarily unconstitutional for Congress to act in this way; rather, it may simply be in exceedingly bad taste ... and especially ironic as well."

by Brian Whitson

Lewis challenges Class of 2009 at convocation

Continued from front.

segregation that was blatantly practiced. "That's the way it is," they told him. "Don't get in the way; don't get in trouble." However, after hearing the words of Martin Luther King Jr., he was inspired: "I got in the way. I got in trouble. It was good trouble. It was necessary trouble," Lewis said.

Suggesting that there are plenty of injustices to confront today—perhaps they involve protecting elderly people or children or the environment, he said—he urged members of the incoming class to use their education and their opportunities to work toward an ideal of justice.

"I say to you students, lead us into the 21st century. Find a way to get in the way. Find a way to get in trouble. Find a way to make some noise, to make our country and our world a better place," he said.

President Gene R. Nichol welcomed Lewis to the College, calling him "an unequalled beacon of conscience" who has done more, perhaps, "than any living American to make the promises of democracy real."

Highlights of the convocation ceremony, which marks the opening of the College's academic year, included the unfurling of the class of 2009 banner from the balcony of the Wren Building and the presentation by Nichol of the 2005 President's Awards for Service to the Community to Jonathan Arries, associate professor of modern languages and literature, and to Richael Faithful, a member of the class of 2007. Nichol also announced the launch of Gateway William and Mary, an initiative designed to help

deserving students from lower- and middle-income families receive a debt-free education at the College. He called the program an "opening volley" in a communitywide discussion about what it means for the College to be both "great" and "public."

During his welcoming remarks, Nichol generated laughter as he identified his first-year standing at the College with that of the incoming class. "Both of us have new living quarters and new working spaces, though mine are older and apparently larger," he said. "Both of us are struggling with the names of buildings and halls and dormitories—places like Barrett and Bell and Bennett and Blair and Blow and Botetourt and Brafferton and Bryan and Brown—and that's just the Bs"

Turning serious, the new president charged students not to be fainthearted as they take advantage of opportunities afforded by their enrollment at William and Mary.

"Your challenge is to defy category, to question received wisdom, to probe the assumptions that underlie ideology, to push past the comforts of unexamined point of view," he said.

Assuming that the College will make an imprint upon its students, Nichol challenged the students to, in turn, make an imprint upon the College.

"Etch your history on these ancient walls," he said. "This remarkable community of inquiry is now your own. Engage it. Enliven it. Press your hard-won aspirations. Work your magic. Stake your claim."

by David Williard

Draft restructuring document available

A draft six-year academic plan that will be submitted to the state to satisfy the requirements of the Higher Education Restructuring Act of 2005 has been developed and will be considered by faculty, staff and students, and by the Board of Visitors at its meeting on September 15-16. The draft plan is available on the College Web site at www.wm.edu/restructuring. A series of campus meetings have been scheduled to discuss the document.

The plan is the next step in William and Mary's effort to secure increased authority from the state. In exchange for meeting certain goals adopted by the Commonwealth (called the "state ask"), the College would receive enhanced operating flexibility and a more predictable funding arrangement.

"The academic plan was developed to address the goals set forth by the Commonwealth," explained Provost Geoffrey Feiss. "The goals are general in nature, and we anticipate that our academic and administrative strengths should enable us to satisfy or surpass them."

The campus meetings include discussions for faculty at the all-faculty meeting on Friday, Sept. 9, at 4 p.m. in 201 Washington Hall; for staff on Monday, Sept. 12 at 12:30 p.m. in Commonwealth Auditorium; and for students on Monday, Sept. 12 at 7:30 p.m. in Commonwealth Auditorium. Those unable to attend the meetings can address comments to Feiss at provost@wm.edu.

Arries and Faithful receive presidential service awards

Professor takes service-learning to Eastern Shore

Service-learning can be a transformative experience for both students and teachers. Just ask Jonathan Arries, an associate professor of modern languages and literatures and University Professor for Teaching Excellence at William and Mary, who leads groups of students to the Eastern Shore each summer to work for four weeks as volunteer interpreters for farm workers and medical staff who treat them.

Arries, who came to the College a decade ago, first took two students to the Eastern Shore in 1996 for an intensive 24-hour service field trip. The experience made such an impact that Arries decided to make it an official course, Hispanic Studies 483.

"The way I think about teaching and learning now is very different than in 1996 when I first began to experiment with this pedagogy," Arries said. "Some of the students have written to tell me that they have discovered over time that learning through service on the Eastern Shore was personally a formative experience for them, one that changed the way they see the world."

For his dedication to public service and countless hours of volunteer work to help the sometimes forgotten members of Williamsburg's non-English-speaking Latino community, Arries recently was awarded the President's Award for Service to the Community. College President Gene R. Nichol presented the award to Arries and commented on how the professor's service

work extends beyond the classroom.

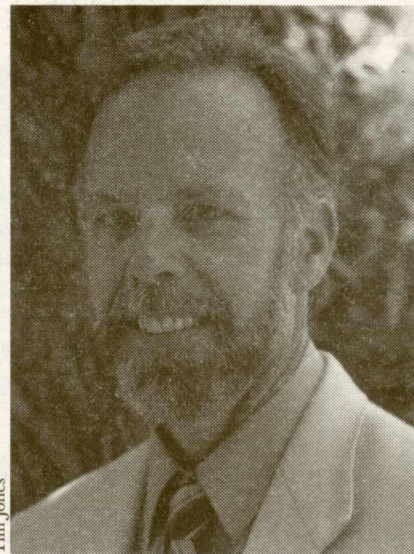
For example, Arries volunteers as an interpreter and translator for local police as well as for health and social services offices. Arries also coordinates and teaches free English-as-a-second-language (ESL) classes twice a week and recruits students to work as tutors in local schools.

"Professor Arries has written, 'My most effective work is not my own service, but my involvement in service-learning that enables William and Mary students to accomplish more than I, as an individual, could ever hope,'" Nichol said at the ceremony. Nichol added, "If that sort of statement is not in our faculty handbook, it should be."

Since his medical translation and practice course began officially in 1998, Arries said between three and 10 students enroll each summer. Students work in four clinics on the Eastern Shore during a four-week practicum and also assist staff on outreach assignments in camps where the impoverished farm workers live. He estimates each student assists about 150 non-English-speaking patients during the four weeks.

"Since 1998, William and Mary students have no doubt translated for 5,000 farm workers and the medical personnel that serve them," Arries said.

Arries said William and Mary, unlike other institutions, is very supportive of service-learning programs. Through the College's Sharpe Community Scholars Program, Arries coordinates student



Tim Jones

Arries

volunteers to work as ESL tutors at Rawls Byrd Elementary School and at James Blair Middle School. In addition, Arries coordinates many more service programs each year. Last year, he assigned two student teams to conduct outreach programs that provided basic English instruction to members of the community. One team worked with a landscaping crew at a local golf course and the other worked with a local family, he said.

"Dr. Arries is a steward to the community ... but what makes him a powerful role model is that he quite literally shows his students that he cannot effect change without their help," wrote one former student when nominating Arries for the President's Award. "He inspires, he encourages and he believes wholeheartedly in the potential of his students

not only to learn Spanish but also to do something with it—because they can."

The greatest challenges facing many of the Williamsburg-area Latino residents are symptoms of their poverty, Arries said. People who are always low on cash, he explained, tend to postpone getting needed health care until they are in crisis. In addition, many noncitizens have difficulty obtaining driver's licenses and car insurance.

"People find it incredibly difficult to get to a doctor's appointment or even my English class," Arries said. "People who have limited access to the political system have no recourse when their employers underpay them—or don't pay them at all."

Arries said his first experience with service to the Latino community was in 1994 when he volunteered as an interpreter for farm workers on the Eastern Shore. Since that time, he has developed a contagious passion for helping others. It is a passion that leaves its mark on dozens of students, faculty members and local residents each year.

"I tend not to think about citizenship as a duty but rather about what it means when philosophers of education like Paulo Freire say that it is our vocation to become more fully human," Arries said. "My passion for service has deepened because my students and other William and Mary faculty inspire me to think deeply about the College's stated mission to serve both domestic and international communities and about what it means to teach and write in the humanities."

by Brian Whitson

Student advocates for social and political causes

No one could have been more surprised when she learned she would receive the President's Award for Service to the Community than was Richael Faithful ('07). After all, she is an advocate, she explains, suggesting that academic institutions generally honor those involved in service research. In addition, her causes have been, to say the least, contentious.

Yet the award is not given lightly. As he presented the honor to her during the College's opening convocation ceremony on Aug. 26, William and Mary President Gene R. Nichol called Faithful "the kind of person whose commitment and public spirit are so deeply rooted that she seems almost ubiquitous—the kind of person without whom our community would be difficult to imagine." For Faithful, Nichol continued, "civic service and service learning are spiritual encounters."

Not a bad description of a secularist, Faithful later would remark. However, certainly the junior has found a passion in advocacy and has demonstrated grace and effectiveness in making a difference in the lives of people facing unnecessary social and political obstacles.

Faithful's service involvements are numerous. Some are centered in the greater Williamsburg community. This summer, she worked with the Virginia Organizing Project to advocate for the creation of affordable housing for local "pink-collared" residents, primar-

ily female service-industry workers who have steady jobs but who lack the income to purchase a home. Other projects are very much focused on the College. These include her efforts to reinvigorate the College's chapter of the National Association for the Advancement of Colored People, which she leads as president, and her work to raise awareness of issues facing gay, lesbian, bisexual and transgendered students as she serves as president of the Lambda Alliance.

For a person who has taken on such challenging causes, Faithful is surprisingly unemotional as she discusses them. Her hopes for the College—and the theme that ties her advocacy efforts together—are simple: Through intellectual dialogue, she wants to "open up the doors and make a positive, non-threatening environment for individuals," she said. Her manner of discussing issues rationally reflects her belief that dialogue, not diatribe, is the key.

Perhaps the most contentious issue she has faced on campus involves race and its links with affirmative action. Although she will not back down from her assertion that affirmative action remains necessary as a response to past injustices against people of color, she believes a rational look at history will bring consensus. "When you consider that the first person of color graduated from our College only in our lifetime, and not 200 or 300 years ago, you realize how far we have to go," she said. At



David Williard

Faithful

the same time, she believes that positive gains have been made. "Fortunately, we do not have the negative climate issues that other schools, such as the University of Virginia, have experienced," she explained. "We do have political exchanges that make people feel uncomfortable, but that is different than working in a climate of hostility that makes it harder for effective advocacy. We are in a position to promote fair, mutual and appreciative exchanges."

Supported by the provost, Faithful will be leading an effort to further conversations on race and ethnicity on campus in the coming months. She promises that those efforts, while they will bring attention to what has been the historic experience of black students, will be presented in a rational manner. "We will look at different initiatives that

have been started around the state and around the country," she said. "We will present research that will be enlightening."

Faithful considered it a special honor to have received recognition for the service award while sharing the stage with convocation speaker Rep. John Lewis (D-Ga.). Of Lewis, one of the country's best-known living advocates of civil rights, she said, "I have been greatly impressed by him, as I am impressed by all those who have the courage to stand for their convictions."

Although she would downplay any comparisons between herself and Lewis, a few become quickly apparent. First, her advice to fellow students is strikingly similar to his exhortation during convocation (see convocation story): "Find something to be passionate about," she said. "Find a way to make a difference." Second, her desire to effect change at William and Mary results from her love for the College, just as Lewis endured physical and emotional abuse out of his love for the ideal of America. "Certainly I think we can do something positive here," she explained. "I think this institution is wonderful; otherwise, I would not be as involved." Third, just as Lewis must view the positive changes in America as having taken perhaps much too much time, Faithful is prepared to be patient.

"As a junior, I have a couple of years to make a difference," she said. "Some changes cannot happen too quickly here. However, as long as we're moving forward, I can be happy."

by David Williard

A new face for physics

Graduate student helps to shed a stereotype

Physicists have a problem. They are stuck with a stereotype. In this, the World Year of Physics 2005, which celebrates the 100th anniversary of the creation of three seminal papers by one of the most vibrant, engaging and admired personalities of his century, Albert Einstein, the image of physicists has deteriorated. David Armstrong, associate professor of physics at the College, put it bluntly: "Physicists struggle against the perception that they are weird, that they're not normal human beings."

For Armstrong, the perception comes into play when attempting to recruit students. "When we want to attract people into the field, we battle against the pen- and pocket-protector-bearing, slide-rule-carrying, horn-rimmed-glasses-wearing geek image," he said.

The truth is far different, he continued. For that reason, when the International Union of Pure and Applied Physics declared 2005 to be the World Year of Physics to, in part, recognize the writing of Einstein's papers on light quanta, Brownian motion and the special theory of relativity, sponsors conceived of hosting the "Quantum Diaries," a Web blog through which 33 physicists from around the world would provide insights into their daily thoughts and activities.

"We wanted to show what their lives are like," Armstrong said. "We wanted people to see that physicists are well-rounded individuals who just happen to be fascinated by the questions of physics—of science—and who want to help contribute to that understanding."

Among the quantum diarists, Armstrong has a personal favorite. Sarah Phillips, one of his graduate students, is, in a sense, his ringer.

Phillips blushed at the suggestion that she has become a fresh face for physics—her blushing, in some ways, underscores Armstrong's faith in her ability to sell the discipline. Certainly she is hard core about the science. Having just participated in the massive G-Zero experiment at the Thomas Jefferson National Accelerator Facility, she is working on her analysis of the parity-violating asymmetries in elastic electron-proton scattering in anticipation of earning her doctorate in January.

"The experiment is a really cool one," she said. "It is investigating the fundamental properties of matter—in effect, the stuff behind the stuff. How neat is that?"

Everything around us is made of protons and electrons, she explained, pointing toward chairs, desks and a wall as examples. Protons, however, are not fundamental matter: They are made up of quarks, generally two up quarks and one down quark, along with strange quarks. The strange quarks, which exist as quark-antiquark pairs, generally cancel each other out but exist long enough to contribute, Phillips explained.

In her blog, the experiment is chronicled. For example, in her entry for June 14, she wrote, "For the G-Zero experiment, we sent a polarized electron beam into a liquid hydrogen target (which is basically just protons). The spin of the electrons in the beam were all lined up so that we could choose to have the spin pointing in the same direction as the motion of the electrons or in the opposite direction. ... We would take the measurement of how many protons were scattered for a certain amount of time with the electrons polarized in one direction, and then do the same measurement for the same amount of time with the electron beam polarized in the opposite direction. The numbers

are different, by about 10 parts per million or so. ... The difference is very small, but very significant, since it tells us how much the weak interaction is present in the interaction, and by comparing this with the electromagnetic interaction, we can get the answer we are looking for: the strange quarks' contribution to the proton's structure."

However, Phillips' blog is about more than science. It also reveals a life—a real life. Among her more recent entries, she discussed learning to play floor hockey at William and Mary, going back to New England for a vacation and taking a first sail on the York River.

Concerning sailing, she wrote this: "As we motored down the creek out to the river, I watched all the herons and egrets fishing in the waters of the marshes. ... The birds were absolutely lovely to watch, so graceful as they waded along the shoreline. ... Large osprey nests crowned the tops of every post that marked the boat channel in the creek. Most of the nests had an occupant in them, so the birds would squawk at us as we passed by the channel markers bearing their nests. They were really cool. Later in the day, I even saw one flying along carrying a fish that it had caught."

Phillips insisted that the two types of entries do not represent a split in her personality. She cited examples of other diarists interspersing explanations of their work with things like cooking in Asia or hiking in the Alps.

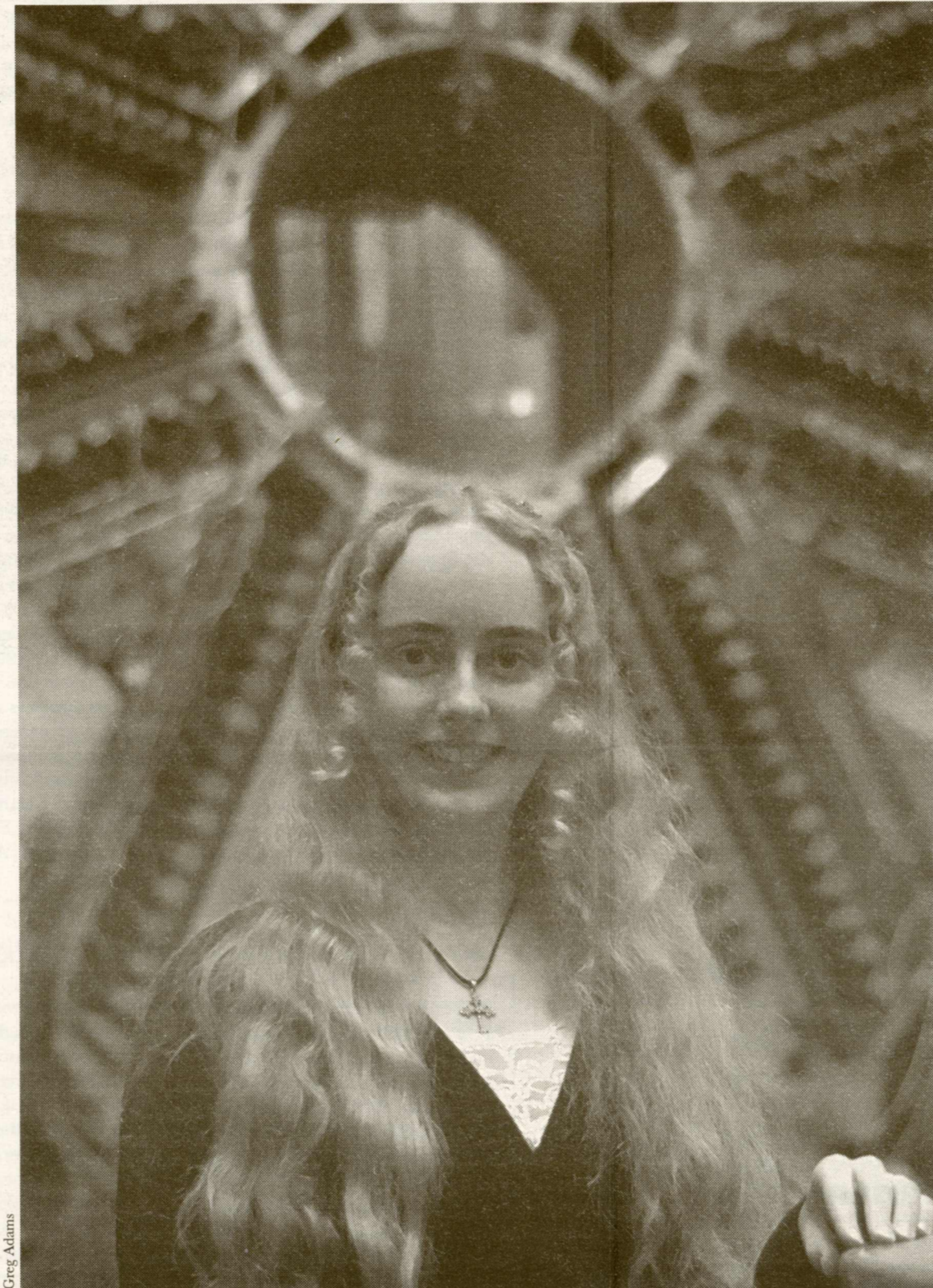
"The purpose of the blog is not only to show what we do but also to show that we do have real lives," she said. "That curiosity about life that led people to become physicists also shows up in what they're interested in doing."

Participating as a quantum diarist has resulted in a bit of celebrity status for Phillips. When she attends conferences, fellow physicists come up to her and comment on her entries. During this summer's open house at Jefferson Lab, several people attended because they had read her blog and they wanted to see what she was writing about. "One person actually told me that her daughter was trying to do better in her math class because my diary had inspired her," she said. "That made it completely worthwhile." She added, "Plus, I have never had anyone squeal when they saw me before."

Phillips communicates as she lives—her observations are driven by an intense interest in her world. She still remembers the moment when she understood the potency of her own curiosity. She was 7. Her parents had taken her to the SEE Science Center in Manchester, N.H. Among the demonstrations was one involving "big bubbles" and a discussion of why there were different colors on the film. She asked questions that her father, an electrical engineer, and her mother, a registered nurse with a background in biology, could not answer.

Today, she delights, despite her background in physics, in the fact that the world remains a mystery. Whether in the laboratory working at the subatomic level or in the spaces of her own backyard, she is bent on discovery.

"Being a physicist does affect how I see the world, but that is good," she explained. "If you look outside, and



Phillips pauses in front of a G-Zero detector array at the Jefferson Lab.

you see the way that trees reflect light, knowing a little about the properties of light does affect how you see it, but it still is beautiful. When I go out and take photographs of the flowers in my yard, I want to know why the pigment is such and such a color and why we perceive it as that color. I am fascinated by the fact that honeybees perceive the flower much differently than we do."

As she intersperses her blog with accounts of her discoveries, she knows that the pieces she has written on flowers and bees make her—and by extension, her science—more approachable. "One fun thing is that my mother told me this is the first time she really has known what I've been doing all day," she said. She remains excited at the response of others.

"It's made people more aware of a field that doesn't necessarily come into contact with the real world," she said. "We discover great things for the good of mankind, but a lot of the people never hear about it." Armstrong could not be more pleased. Communicating the intricacies of physics, he knows, always has been difficult. "In other sciences, such as biology, for instance, when you talk about a particular fish or bug, everyone knows what a fish or a bug looks like," he said. "These are things that are, in effect, there. Protons are things that definitely are there, but people don't have direct experience with them. At the level of the quark, quarks definitely are there, but people have even less intuition about them. It becomes harder to explain those things."

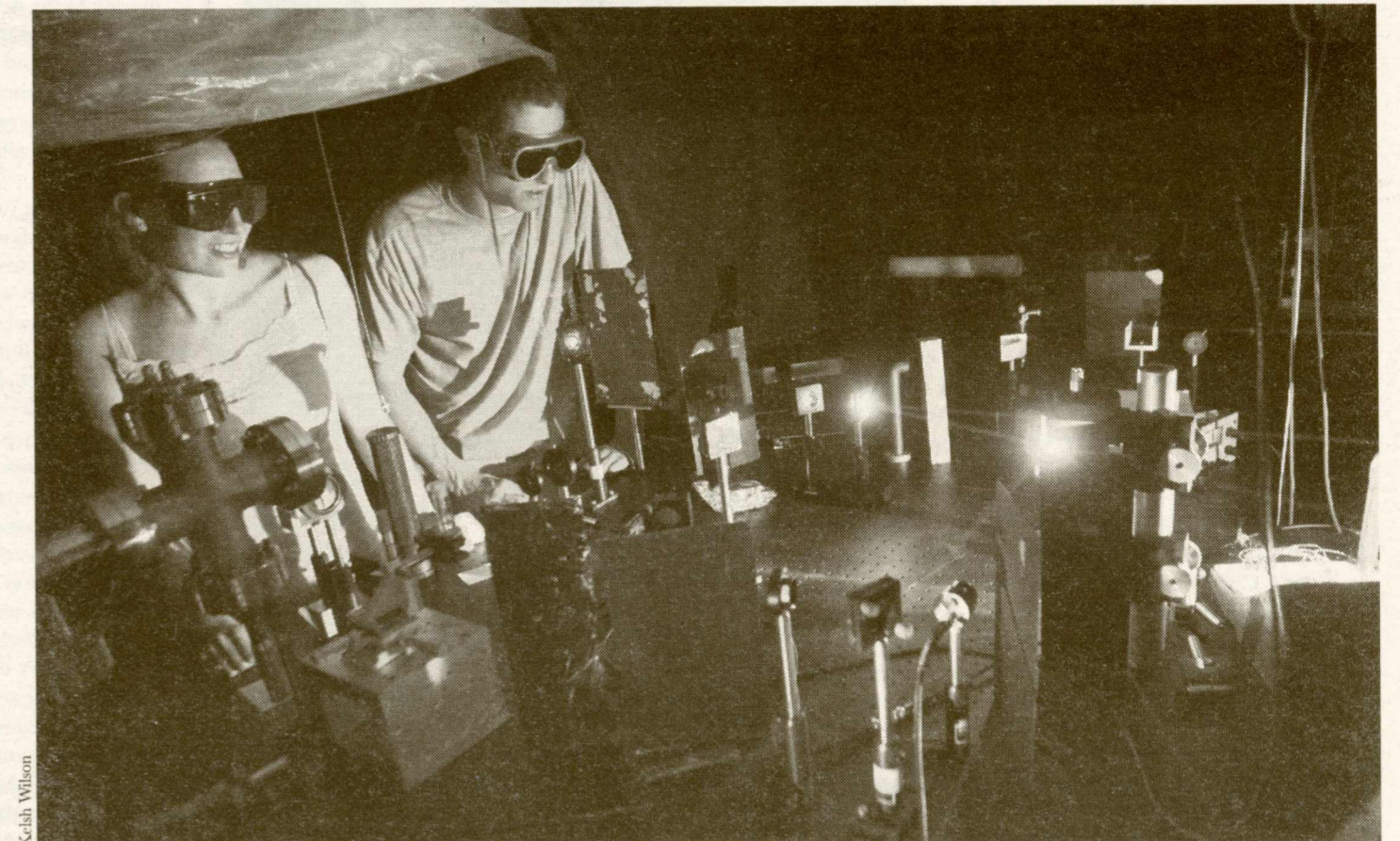
Phillips and others participating in the Quantum Diaries have helped bring the excitement of their research to light, he believes. What is important is that they have gone further.

"They have shown that physics is not just nerds and technology," he said, "but that it is a real human endeavor."

by David Williard

A summer of science

REU program attracts the brightest undergraduates to William and Mary



REU students Lia Ball (l) and Peter Harris survey laser apparatus during the summer physics program at William and Mary.

William and Mary undergraduates are amazingly fortunate in the number, variety and quality of the research experiences available here, but no school's opportunities cover all the bases. The National Science Foundation (NSF) Research Experiences for Undergraduates (REU) program gives undergraduate students a chance to participate in summer research projects at colleges across the country. A lot of these students came to William and Mary.

Four REU programs were conducted at William and Mary this summer—in geology, mathematics, physics and environmental studies—plus another at the Virginia Institute of Marine Science. Each program contained several projects, which in some cases were related to each other. More than 50 students, representing colleges from Vermont to California, participated.

Here is how the REU programs work: Faculty at colleges across the country apply to the NSF to host REU sites. Students, in turn, browse the NSF Web pages for REU projects, then apply directly to a site. The applicants are admitted by the host faculty. At William and Mary this summer, there were as many as four or five applicants for each available slot.

Once the students are assembled in Williamsburg, there is typically a presentation and selection period during which participating faculty talk about their active research projects and students can choose individual projects. The experience ends with a sort of role reversal, as students present their findings from the summer. Not infrequently, students find themselves as co-authors of papers published in peer-reviewed journals.

Some of the programs here predate NSF funding. The physics department, for example, has been doing its own summer programs for 20 years. All but one have been sponsored by the NSF.

Not surprisingly, physics has a highly developed offering, with 21 students and 15 faculty members participating. The physics REU program is comprehensive and diverse—some projects are centered at the Thomas Jefferson National Accelerator Facility, and others are at NASA's Langley Research Center. It began shortly after Memorial Day with faculty lectures, tours and an orientation into the machine shop. (Each student constructs a model cannon.) Through the short lectures and informal gatherings, REU students are paired up with faculty mentors to begin work on projects.

"They're really doing research," said Professor William J. Kossler, who coordinates the REUs in physics. "It's not just like doing an undergraduate lab. They're doing things that have never been done before."

The projects ranged from the theoretical (for example, n+1 dimensional space) to cutting-edge technology (for example, nanotubes and superconductors) to the latest large-scale experiments. Assistant Professor Jeff Nelson got a couple of people involved in the main injector neutrino oscillation search (MINOS) project at

Fermilab in Illinois.

The geology REU was coordinated by Christopher Bailey, associate professor and department chair, and assisted by Scott Harris of Coastal Carolina University, a William and Mary alumnus. The nine students for this project gathered on campus for a couple of weeks of training before taking off for Fish Lake, Utah, a location that is a geologist's smorgasbord.

"Undergraduates—and I know this from my nine years here working with William and Mary students—can accomplish a lot of research," Bailey said before the summer session began. "So I thought, this is going to be a lot of work, but in the end we're going to get a lot of science out of it, and the students who finish this program are going to be able to go on and use a bunch of tools they've learned this summer."

Many of the tasks undertaken at Fish Lake involved geophysical surveys. The REU students used kinematic global-positioning systems technology, accurate to within centimeters, to map the area precisely. They also used a gravimeter to ascertain the geology underfoot by measuring variations in the gravitational field. The group also mapped the bottom of Fish Lake itself.

Bailey's group brought back tons of data, hundreds of pounds of rocks and at least one significant discovery—a previously unknown glacial moraine hidden beneath the waters of Fish Lake. During the last weeks of the REU, the Fish Lake team hunkered over geographic information systems (GIS) software and pounded samples of volcanic rock for analysis in McGlothlin-Street Hall.

Meanwhile, an REU on the interdisciplinary study of watersheds was in its fourth year at the Keck Environmental Field Lab on the shores of Lake Matoaka. Randy Chambers, Keck Lab director, was at the center of a number of interrelated projects that included other faculty members.

"I think the key feature of the program is the interdisciplinary angle," Chambers said. "Students who have experience in a particular field but also sense that there's more to what they're doing are encouraged to think about projects from an interdisciplinary perspective."

Individual topics in the Keck Lab REU included a study of native and non-native turtles, the health of fish in retention ponds, core sampling of Lake Matoaka and other programs touching on sociology, economics, geology, hydrology and ecology.

"It's pretty amazing to me how many people come and tell me they've heard about this program, and that just gets William and Mary's name out there," Chambers said. "Here in the Keck Lab alone, we've got 10 undergraduate research students who are taking the William and Mary name back to their institutions, and they're all hearing about it. It's able to multiply what people know about the Keck Lab that much quicker nationally—and it's working."

by Joe McClain

Coming to terms: In the wake of Katrina

Trying to get in touch with Ethan Forrest ('07) proved difficult. His cell phone had been disconnected for days. While he lives safely on campus, his phone, like all those from southern Louisiana, had an 895 area code. That meant that his cell signals were being routed through a tower somewhere in the vicinity of New Orleans, which was being compared to a third-world country.

Although Williamsburg is somewhat geographically removed from the flooded South, the College is very much feeling the effects of Hurricane Katrina. As College President Nichol invited Virginia students displaced by the hurricane to resume their interrupted semesters at William and Mary, the student body reacted to the disaster with an outpouring of support and empathy, and it understood that any local effects, such as increases in gasoline prices or a temporary inability to contact a friend, were nothing compared with the multiple tragedies played out in the wake of the storm.

Forrest was tracked down eventually. As images of an apartment once owned by his brother flashed across CNN, he casually mentioned how different everything looked when it was underwater. He talked about how he, along with Cait Smith ('07), would be organizing a benefit concert that would be held at the Meridian coffeehouse within the next two weeks. He reacted to the politics of the relief efforts. He had trouble with President George W. Bush's public response to a question about the destruction of Trent Lott's house.

"The good news is—and it's hard for some to see it now—that out of this chaos is going to come a fantastic Gulf Coast, like it was before," the president had said. "Out of the rubble of Trent Lott's house—he's lost his entire house—there's going to be a fantastic house. And I'm looking forward to sitting on the porch."

Did the president miss the fact that more than houses were lost, Forrest wondered. The war in Iraq came into question. "Bush has taken money from the Army Corps of Engineers, from projects such as levee and flood research, and shifted it to the war," he said. The fact that many Louisiana National Guardsmen, who could have been assisting the recovery, were sitting idly in the Middle East, irked him.

Not all students on campus were critical of the government's relief efforts. Katie Smith ('07), who spent an afternoon collecting donations in the lobby at the Campus Center, questioned the validity of such



Courtesy of Marty Bahamonde/

Residents of New Orleans displaced in the wake of Hurricane Katrina wait for response.

criticisms. "Instead of being angry about what we could have done, we should focus on what we can and need to do instead," she said. "It's disheartening to hear newscasters state that there are rapes, fires, fights and general mayhem happening in the sites affected by the hurricane—William Golding's *Lord of the Flies* comes to mind."

At some level, the havoc that continues in the wake of Hurricane Katrina already has changed how we view our own country. Ross Perkins ('07) stumbled over use of the word "refugee." "I just prefer evacuee," he said. To him, refugee simply does not sound American.

Although Forrest's phone number starts with 895, a local 757 could not get through, becoming just as useless. It is an insignificant thing, but somehow it helps with the realization that New Orleans is the responsibility of everyone now.

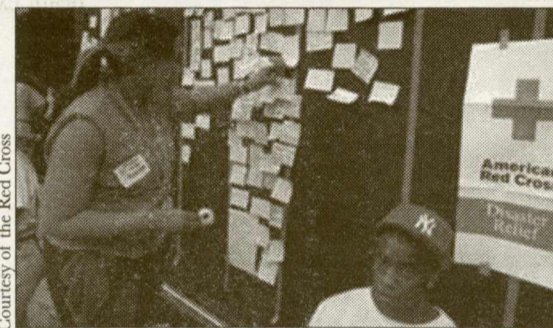
by Hunter Braithwaite ('08)

Campus response aided by volunteer services Web site

Members of the College community responded quickly to the devastation left along the Gulf Coast following the passage of Hurricane Katrina. Efforts to organize fund raising events were under way in the office of student volunteer services even as administrative officials were preparing to welcome Virginia students from affected Gulf Coast universities to campus.

A Web site (www.wm.edu/projectrelief/) quickly was set up by students in the volunteer services office, serving as a central place where information about pending events was made available. Among those listed was a Sept. 7 interfaith service of prayer, a Sept. 8 Pat McGee Band concert sponsored by the University Center Activities Board (proceeds, in part, would be used for relief), a Sept. 17 "Save New Orleans Party" and a Sept. 17 "Tribe Waves to Save" event in which two swim teams composed of faculty, staff and students were scheduled to compete against each other (admission proceeds will benefit relief efforts). More events were expected to be listed in coming days. In addition, links to response agencies, such as the Red Cross, were included.

Gene R. Nichol, president of the College, provided introductory text for the Web site. He wrote, "As a College visited not too long ago by a like-minded storm, and a community marked by compassion for our broader human family, we empathize with our fellows hit so hard by Katrina in Louisiana, Mississippi and Alabama. We want to do something—to help. And as we might expect, our students have taken the lead. ... I do know, though I haven't been here long, that this community is profoundly committed to reaching beyond its walls to extend a hand to those in need."



Courtesy of the Red Cross

The student services Web site contains a list of relief events and links to response agencies.

Standard & Poor's gives College prestigious double-A bond rating

Continued from front.

cial stability of an organization. Included were detailed examinations of the college's finances, endowment, capital indebtedness, enrollment trends and many other elements.

According to Standard & Poor's report, the decision to award the strong double-A rating was based on William and Mary's "impressive student quality and national reputation," "low levels of outstanding debt," "good operating performance and healthy levels of liquidity" and "good fund raising." The report noted that "over the past few years, state appropriations have fluctuated, from a high of \$73 million in 2002, dropping to \$59 million in 2004. During the periods of decline, the College was able to manage through the cuts."

Of special importance was William and Mary's fundraising program, which Standard & Poor's characterized as "strong," citing the fact that "a \$500 million capital campaign is currently in progress and has raised approximately \$402 million, which is above the target level at this point in the campaign."

Jones explained that the awarding of the credit rating was the product of the concerted effort of a 15-person team which culminated a day-long presentation to a group of Standard & Poor's officials who visited campus in mid-August. He said that the College also benefited from the advice of the Richmond office of Morgan Keegan & Company, a regional investment banking firm.

Nichol launches 'great' and 'public' conversation

Continued from front.

adjectives?" The extended College community—in Williamsburg and well beyond—will have opportunities to weigh in on these questions through a planned series of meetings by responding to a Web site—www.wm.edu/conversation—and, in the case of alumni, by returning cards that will be mailed to them.

"Given William and Mary's great educational heritage and substantial record of achievement over the past 20 years, some of the answers to these questions are fairly evident," said Nichol. "Academic rigor is the driving value of our community, and a unique sense of faculty-student engagement defines the College."

Nichol went on to say that William and Mary must "embrace access and equity as core values. Equality demands a rejection of both racial and economic privilege." To enhance accessibility, Nichol recently announced Gateway William and Mary, an innovative financial aid plan that will provide a debt-free education for students from low- and middle-income families.

"It is a program," said Nichol, "rooted in the core



values of the College, recalling Jefferson's aspiration to seek 'genius in every condition of life.'"

Other topics that Nichol hopes to explore are how to accelerate the development of programs that prepare students for life in an international era and to structure research efforts to address the needs of the Commonwealth.

"These are important concepts, but they are certainly not the only matters we need to address," said Nichol. "In our discussions, I hope that all of those who love the College offer their own suggestions about how we can meet our goal of creating a 21st-century William and Mary that is both great and public."

Nichol is planning to meet with students, faculty, and staff later this fall and with alumni and friends in Williamsburg on Sept. 8, in Northern Virginia on Sept. 27, in Washington, D.C., on Sept. 28, in Richmond on Oct. 5, in Boston on Oct. 25, in South Hampton Roads on Nov. 1, in New York City on Dec. 8 and in Baltimore on Dec. 12. Additional dates will be scheduled for the spring.

by William T. Walker

A push for HACE: College-sponsored race car to benefit employees

For three years, Joe Gilley, graphic design manager at the College, has been pushing the number 94 Busch Series race car out of its trailer and onto the tracks as one of its weekend pit-crew members. On Sept. 9, as he pushes it out for its qualifying run at the Richmond International Raceway, he will be pushing for HACE, as well.

The car, sporting a William and Mary sponsorship logo designed by Gilley, will have been a featured prop in a campus-wide promotional effort to raise both money and awareness for the employee-assistance fund operated by HACE, the College's organization of hourly and classified employees.

"The whole purpose of it is to do something good for the College by raising money for the employees in need," says Gilley, who suggested the sponsorship plan to his supervisors in August. "That's the main thing. Being on TV and seeing William and Mary on the side of the car is just a bonus."

Gilley became involved with the Beahr Racing Enterprises while overseeing the fulfillment of print orders placed with Fidelity Printing in Richmond. Fidelity's representative to the College is Chad Beahr, the racing team's crew chief. As Gilley's interest in automobile racing became apparent—"I became a fan back when Fireball Roberts and Richard Petty and all those guys were competing," he says—conversations invariably turned to the Beahr car. After being invited several times, Gilley agreed to check it out. He has been a volunteer member of the team ever since.

"I just push the car," Gilley says. At



David Williard

Tina Coleman tries out the cockpit of the William and Mary racing car.

a race track, of course, pushing is not a one-and-done thing.

"NASCAR tells you when you can unload the car and when you can push it out for pre-inspection," he explains. "You almost have to take the car apart for them to look at it. Then you put it back together. Then you have to go through technical inspection—have to push it to another place, where they put it up on scales and check the body with a template. Then you push the car back and get ready to push it out to practice. Then there's usually a break before you have to push it down for pre-qualifying inspection. After that, if you qualify with one of the top speeds, you get to push it out for the race."

Behr explains that Gilley actually does much more than push the car—he

has been instrumental in doing design work for the car and he often "spots" during qualifying runs and races by finding

'Being on TV and seeing William and Mary on the side of the car is just a bonus.'

—Joe Gilley

a place high above the grandstands and communicating with the driver about accidents or the positioning of other drivers.

Neither Gilley nor Beahr believes the car will win the Richmond race. If the car qualifies, that would be a major

upset. The small local team will be going up against multimillion dollar racing enterprises on a weekend that will figure prominently in the final national point standings for NASCAR drivers.

Regardless of how well the automobile competes, members of the racing team are excited about the opportunity to work with the College.

"We hope we can do a service for the College and for HACE. That's what it's all about," says Beahr.

"If the car and the race add a little bit to the excitement and to the diversity on the campus," he adds, "that would be a good thing as well."

The HACE fund will benefit from proceeds raised through the sale of T-shirts featuring the race car and the William and Mary logo.

For Tina Coleman, president of HACE, sponsorship of the car represents a unique way to generate awareness of the employee organization and its efforts to assist workers facing unexpected financial difficulties.

Although she admits that she is more of an NFL fan than a NASCAR fan, she says, "It would be great if this whole NASCAR thing makes us more visible on campus and helps us help our employees by raising funds." Toward that end, she was on the front lines checking out the car and selling T-shirts on Sept. 2 when the car appeared on campus.

"You know, what I really like is that this whole idea started with the suggestion from an employee," she says. "Employees thinking of each other—that is really cool."

by David Williard

college notes

Tribe to tackle JMU under lights at Zable

The William and Mary Athletics Department announced recently that the rematch of the 2004 national semifinal game with James Madison University will be played at 7:00 p.m. on Nov. 5 at Zable Stadium. The game will mark the first regular-season night game in the 70-year history of Zable and only the second ever in the venerable structure.

The game is made possible by the planned placement of permanent lights at the facility. The athletics department received gifts totaling \$650,000 to install lights at the stadium and adjacent football practice field, with construction anticipated to begin soon.

William and Mary season ticket-holders will be given priority on single-game sales for this contest, based on availability. As ticket demands for the James Madison game are expected to be high, additional information on the availability of single-game ticket sales will be forthcoming. Season-ticket packages still remain for the Tribe's 2005 campaign and can be purchased by calling the College's ticket office at (757) 221-3340.

Volunteer Smith ('06) steps up during MTV pudding toss in Sunken Garden



Bill Walker

Smith is cheered on as he participates in the MTV pudding toss.

An MTV production crew visited campus in late August to film an episode of "Call to Greatness," a new show in the network's fall lineup. The show features five cast members (Rainbow, Paul, Drew, Andreas and Ghost) who travel around the country attempting to break wacky world records. The episode, which was shot in the Sunken Garden, pitted cast members against a long-standing world record in black-pudding tossing.

To break the world record, the guys had to use a frying pan to throw one and a half pounds of

bundled pudding or sausage farther than 118 feet 2 inches. Several hundred students came out to cheer on the would-be world record-holders.

William and Mary senior Hawley Smith got into the competition on a lark. "I just came to see what MTV was doing," said Smith. But when the cast members' throws came up short, the show's producers asked for volunteer contestants.

Smith, it turned out, was a natural. His throws easily bested the rest of the competition and he

nearly toppled the world record. Smith's best toss, a hefty 117 feet, fell just short of the world record held in the United Kingdom.

"I used to play baseball," Smith said. "Maybe that helped me out."

Even though Smith did not break the world record, he was crowned the new American record-holder by the show's producers, as they found no American records while they were researching the category.

The MTV challengers had the advantage of a lecture by Professor Gina Hoatson of the physics department on the science involved in pudding tossing. The contestants put on a slacker demeanor for the camera; spitwads, a paper airplane and a book on Texas hold 'em poker were evident.

Once taping ended, though, they brightened up considerably, asked intelligent questions about the nuclear magnetic resonance lab at Small Hall—the venue for their lecture—and its 17.6 tesla magnet.

"Once they stopped acting, they were a nice group of guys," Hoatson said.

Record or not, the event was great fun for all.

"Having MTV on campus is a big deal," Smith noted. "This is cool."

calendar

PLEASE NOTE ... Members of the College community may submit items to the calendar and classified ad sections of the *William & Mary News*. College events and classifieds must be submitted in writing through campus mail, by fax or by e-mail. Submissions must be signed with a contact name and telephone number for verification purposes. Items may be edited for clarity or length. Direct submissions to the *William & Mary News*, Holmes House, 308 Jamestown Rd. Fax to 221-3243. E-mail to wmnews@wm.edu. Call 221-2644 for more information. The deadline for the Sept. 22 issue is Sept. 15 at 5 p.m.

Today

2005-06 Cutler Lecture: "Law and Culture: Prohibition During the Taft Court Era," Robert Post, Yale Law School. 3 p.m., Law School 124. 221-1840.

UCAB Presents: Pat McGee Band in concert. 5:30 p.m., Matoaka Amphitheatre. 221-2132.

Creating Balance Series: "Helping Others While Helping Yourself." Presented by the Counseling Center. 8-9 p.m., Tidewater Room A, University Center. 221-3620.

Sept. 9

Annual Campuswide Faculty Meeting: New colleagues will be welcomed and recognized. 4 p.m., Washington 201. Immediately following the meeting, a reception will be held in the Wren Yard. 221-1993.

Distinguished Lecture Series: "Orbit Method in Representation Theory of Lie Groups," Alexander Kirillov, Francis J. Carey Professor of Mathematics, University of Pennsylvania. 4 p.m., Small 113. 221-2024.

Lively Arts Series: "Ahn Trio." 8 p.m., Phi Beta Kappa Memorial Hall. General admission \$25. Call 221-3276 or visit the Web site at www.wm.edu/studentactivities/programming/concert.php.

Sept. 9, 16, 23

Department of Biology Seminars: "Stressed Flies Tell No Lies: Contemporary Adaptation on a Continental Scale," George Gilchrist, assistant professor of biology (Sept. 9). "The Geomagnetic Field's Role in Animal Migration/Orientation—Integrating Behavior, Ecology, Physiology and Biophysics," John Phillips, Virginia Tech (Sept. 16). "Immune-to-Brain Communication: The Febrile Response to Infection," Clark Blatteis, University of Tennessee Health Science Center (Sept. 23). 4 p.m., Rogers 100. 221-5433.

Food for Thought Film Festival: A screening of documentaries on the environmental, socio-economic, and geopolitical consequences of our modern food system. Presented by the Anthropology Club with support from the Charles Center and Undergraduate Studies. 4-6 p.m., Tucker 120. For information, call Megan Edwards, 810-3286.

UCAB Blockbuster Movie: "Batman Begins." 7 and 9:30 p.m., Commonwealth Auditorium, University Center. Admission \$2. 221-2132.

Sept. 10

Annual Fall Float-Building Workshop: Tidewater Oyster Gardeners Association (TOGA), in cooperation with VIMS, sponsors this annual workshop for people interested in becoming "oyster gardeners." Prior registration and a fee are required for participation. For more information and registration, contact Jackie Partin at (804) 694-4407.

Sept. 10-11, 17-18

W&M Rowing Club Work Weekends: During these fund-raiser weekends, members of the rowing club are available for hire to do various large and small housework and yardwork tasks, including painting, cleaning, window-washing, leaf raking, mowing, mulching, planting, and splitting logs. To schedule work, visit www.wm.edu/so/wmrc/fundraising/work_weekends.php or e-mail Beth Magill at eamagi@wm.edu.

Sept. 10, 17, 24

Muscarella Museum Children's Art Classes: For preschoolers, ages 3-5 with an adult companion: Five sessions will be held 11 a.m.-noon beginning Sept. 10. For children ages 6-8, 9-12 and teens, classes will be held from 10 a.m.-noon on Sept. 10, 17 and 24. For fees and other information, call 221-2703 or e-mail hcamp@wm.edu.

Meet with the President

President Gene Nichol has scheduled office hours this semester for students to meet with him one-on-one or in small groups to discuss matters of concern or just to chat. For available dates and times and to reserve a 15-minute meeting, students are asked to contact Carla Jordan at cjordan@wm.edu or 221-1254.

Sept. 12, 26

William and Mary Christian Faculty Fellowship Meeting: 12:15 p.m.-1:30, York Room, University Center. 221-3523.

Sept. 12; Oct. 18, 27; Nov. 9, 28

Lunch with the President: President Gene Nichol will host a series of luncheons this semester to give students an opportunity to meet with him informally in groups of seven. Noon (Sept. 12, Nov. 9 and 28) and 12:30 p.m. (Oct. 18 and 27), at the president's temporary residence located at Pollard Park. Directions will be provided at the time of sign-up. Contact Carla Jordan at 221-1254 or cjordan@wm.edu to reserve a place. Reservations will be taken on a first-come, first-served basis.

Sept. 13

HACE General Meeting: President Gene Nichol will be the guest speaker. Noon-1 p.m., Tidewater Room A, University Center. Hourly, classified, faculty and administrative staff members are invited to attend. Yearly HACE membership is \$7. Nonmembers attending are asked to contribute \$3 toward ongoing special projects. 221-1791.

Sept. 15

Gallery Talk: Nancy Weekly, head of collections and Charles Carr Ramsey Curator, Burchfield-Penny Art Center, Buffalo State College, will speak on the current exhibition, "Charles E. Burchfield: Backyards and Beyond." 5:30 p.m., Muscarella Museum. Free and open to the public. 221-2703.

Williamburg Macromedia User Group Meeting: Michael Porterfield, manager of Hampton roads MMUG and Adobe professional user groups, will make a presentation on Adobe InDesign CS2 and Elaine Chou will introduce Cascading Style Sheets (CSS) and box-model support and will answer Dreamweaver-related questions. 7-9 p.m., Swem Library. 221-2774.

Sept. 15, 22

CWA/Town & Gown Luncheon and Lecture Series: "William and Mary's Colonial Revival Campus," Louise Kale, executive director, historic campus, Wren Building (Sept. 15). "Individual Decision-Making in the Presence of Risk and Uncertainty," Sarah Stafford, associate professor of economics (Sept. 22). Noon-1:30 p.m., Chesapeake Room, University Center. 221-1079 or 221-1505.

Sept. 16

Constitution Day and Citizenship Day: "Some Reflections of the World's Oldest Written Constitution and How Congress Chose to Honor It," William Van Alstyne, Lee Professor of Law. Noon-1 p.m., Andrews 101. 221-2592.

Grand Opening of the Nuclear Magnetic Resonance Spectroscopy Lab: The NMR lab contains the College's new 17.6 tesla magnet, one of the largest in the nation, and other instruments dedicated to the examination of the physical properties of solids. 2:30 p.m., Small Hall. The College community is invited to attend the opening. 221-3501.

Sept. 17

Department of Computer Science Distinguished Speaker Series: "Self-Organizing Wireless Sensor Networks in Action," John Stankovic, University of Virginia. 3 p.m., McClothlin-Street 020. 221-3455.

HCO Dance: Sponsored by UCAB Late Nite and the Hispanic Cultural Organization. 9 p.m.-1

a.m., Chesapeake Room, University Center. Visit the Web site at www.wm.edu/ucab or e-mail Zach Dunn at zdunn@wm.edu.

Sept. 22

Personal Financial Counseling Sessions with TIAA-CREF Consultant: 8:30 a.m.-3:30 p.m., Room 220, University Center. To schedule an appointment, visit the Web site at www.tiaa-cref.org/moc or call Elzaida Smith at (800) 842-2008, extension 8926.

Sept. 23-24

Institute of Bill of Rights Law Supreme Court Preview: In its 18th year, the preview will feature leading journalists, lawyers and legal scholars discussing, among other things, the Rehnquist Court and the confirmation process that will shape the next Supreme Court. The event begins at 3 p.m. on Sept. 23 at the Law School. For information and registration, call 221-3810, e-mail IBRL@wm.edu or visit the Web site at www.IBRL.org.

exhibitions

Through Oct. 23

"Charles E. Burchfield: Backyards and Beyond"

Charles E. Burchfield (1893-1967), one of America's preeminent watercolorists, pushed the boundaries of the medium and used it in ways no one had before. A visionary artist who was obsessed with the weather, Burchfield made it the subject of many of his paintings.

These exhibitions will be on display in the Muscarella Museum on Wednesdays, Saturdays and Sundays from noon to 4 p.m. and on Thursdays and Fridays from 10 a.m. to 4:45 p.m. The museum will be closed on Mondays, Tuesdays and major holidays. Admission to traveling exhibitions is free for museum members, William and Mary students, faculty and staff and for children under 12. Admission for all other visitors is \$5. Admission to galleries displaying objects from the permanent collection is free. 221-2703.

Through Sept. 16

"Hints, Traces, Fragments"

This exhibition includes recent paintings and drawings by Heidi Schneider, newly appointed visiting instructor of 2D Foundations at the College and recent visiting lecturer at the Maryland Institute College of Art.

This exhibition will be on display 10 a.m.-5 p.m. weekdays in Andrews Gallery, Andrews Hall. Admission is free. 221-2576.

Ongoing

"The Presidents of William and Mary"

In the exhibit cases are photographs of College presidents from James Blair (1693-1743) through Gene Nichol (2005-) and materials from the holdings of Special Collections, including letters from presidents John Camm and Thomas Dawson. The exhibition is on display in the Nancy Marshall Gallery, Swem Library.

"Gene R. Nichol: William and Mary's 26th President"

Featured in the exhibition are memorabilia of the current president, including a page from the 1972 Oklahoma State University yearbook and a description of quarterback "Nick" Nichol's sizzling passes! The exhibition can be viewed in the Swem Library lobby exhibit case.

These exhibitions are on display during regular library hours.

sports

Sept. 16

Field hockey vs. Yale, 7 p.m.

Volleyball vs. Delaware, 7 p.m.

Sept. 17

Volleyball vs. Towson, 7 p.m.

Sept. 18

Women's Soccer vs. West Virginia, 2 p.m.

Sept. 21

Field hockey vs. Virginia, 7 p.m.

Sept. 24

Football vs. Liberty, 1 p.m., Zable Stadium.

Sept. 25

Field hockey vs. Virginia Commonwealth, 1 p.m.

Women's Soccer vs. Wyoming, 2 p.m.

For information, call Sports Information at 221-3369.

looking ahead

Sept. 23-25

Family Weekend. For a complete schedule of activities, visit www.wm.edu/studentaffairs/familyweekend/.

Sept. 24

Football: In the first home game of the season, the Tribe plays Liberty University. 1 p.m., Zable Stadium.

Family Festival at the Muscarella: A joyous celebration of children, featuring performances, hand-on activities and games for children, refreshments and the special exhibition "Charles E. Burchfield: Backyards and Beyond." Sponsored by MUSE (Museum University Student Exchange). Free and open to the public. 1-4 p.m., Muscarella Museum. 221-2703.

Sept. 29-Oct. 2

William & Mary Theatre: "A View from the Bridge" by Arthur Miller. 8 p.m. (Sept. 29-Oct. 1) and 2 p.m. (Oct. 2). General admission \$8, students \$5. Box office opens Sept. 19. Hours: Mon-Fri., 1-6 p.m.; Sat., 1-4 p.m. 221-2674.

Sept. 30

William and Mary Day at Busch Gardens: 10 a.m.-10 p.m. Admission will be \$15 for the first 2,000 students with a valid W&M ID. Tickets will be \$24 for students after the first 2,000 and members of the faculty and staff. Bus shuttles will run between the W&M Hall parking lot and Busch Gardens from 2 p.m. until the park closes. Tickets will be available at the candy counter in the Campus Center and at the information desk in the University Center beginning Sept. 22. 221-3300.

community

Sept. 17-23

Celebration of the 218th Anniversary of the Signing of the Constitution of the United States of America: On Sept. 17 bells will ring 218 times across the nation. In Williamsburg, members of the CAR (Children of the American Revolution) and guests will ring the bell at Bruton Parish Episcopal Church at 4 p.m. At the same time bells will ring at the Wren Building and St. Martin's Episcopal Church. Candlelight concerts commemorating the event will be held on September 17, 20 and 22 at 8 p.m. at Bruton Parish Church. Sponsored by the Williamsburg Chapter, Daughters of the American Revolution (DAR). For information, call Mary Sue Harris at 229-7497.

Sept. 18

"Celebration of Cultures:" Food, music, dance, crafts and art from 27 ethnic backgrounds. Sponsored by All Together, a group composed of many community and college groups. 2-6 p.m., Chickahominy Riverfront Park, Route 5. For information, e-mail billturner.bryant@gmail.com.



The next issue of the *William & Mary News* will be published on Thursday, Sept. 22. The deadline for submission of items is 5 p.m. on Thursday, Sept. 15, although submissions before the deadline are encouraged. Call 221-2639 with any questions or concerns. For information about classified advertising, call 221-2644. Ads are accepted only from faculty, staff, students and alumni.

The *News* is issued throughout the year for faculty, staff and students of the College and distributed on campus. Expanded content is available online (see www.wm.edu/news/frontpage/).

News items, advertisements or general inquiries should be delivered to Holmes House, 308 Jamestown Rd., (757) 221-2639, faxed to (757) 221-3243 or e-mailed to wmnews@wm.edu no later than 5 p.m. on the Thursday before publication.

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FOR SALE

Piano: Baldwin Hamilton 44" studio piano. Great condition, beautiful, mellow sounding. One owner, regularly tuned. Perfect for new student or experienced player. \$2,199 (half of retail for used pianos). Must sell. Call 220-0114.

FOR RENT

3-BR Williamsburg home at 1513 Jamestown Rd., across from lake Powell Forest. Great location, convenient to College, Rt. 199 and Fresh Market. New hardwood floors in LR, DR and three BRs. New carpet in FR. Tiled 1-1/2 baths. Newly renovated kitchen. Fireplace, picture windows, ceiling fans. Large yard backs to woods. New central air and gas heat. All appliances. Available immediately. No smokers, no pets. \$1,295/mo. Call 564-0139.

Bristol Commons: Vaulted penthouse model. 2 BRs, 2 baths, sunroom. Full appliance package. Many extras. Ready for occupancy. \$1,100/mo. Call 221-3969 or 566-0187.

Charming house on Chickahominy River. 3 BRs, 2 baths, 2-car garage. Lovely grounds, long dock on river. Quiet neighborhood in Charles City County, 30 minutes to Williamsburg. Ideal for visiting faculty. \$1,275/mo. Call Bill or Lara at (703) 787-4104.

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