



# NEWS

A Newspaper for Faculty, Staff and Students

## Faculty Focus

### Rum in the Caribbean

Frederick Smith casts light on why people drink and other rum-related issues.

See Faculty Focus at [www.wm.edu](http://www.wm.edu).



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## Athletics done right

William and Mary sets model for the nation according to task force



David Williard

**Athletics at the College earned high fives from the task force.**

"William and Mary has athletics right."

That is the conclusion of a report submitted on Feb. 10 to College's Board of Visitors and President Gene R. Nichol by an athletic task force. The broad-based group was composed of faculty members, students and student-athletes, alumni and administrators.

"In an era characterized nationally by recruiting infractions, low academic performance of athletes and funding program offers a distinctly different model," said Nichol after reviewing the report. "Our program maintains an appropriate balance between excellent academics and competitive athletics. More importantly, athletics makes significant positive contributions to our core mission of fostering intellectual growth, social responsibility and leadership."

During the past year, the task force, co-chaired by Provost Geoffrey Feiss and Athletic Director Terry Driscoll, reviewed William and Mary athletic and academic data, compared that data to national averages and talked with faculty, students and alumni about their perceptions and expectations.

Based on these deliberations, the task force found that:

■ Since the Colonial Athletic Association was formed in 1986, William and

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## Governor presents Charter Day address

# Kaine calls higher-ed funding critical



Steve Salpukas

Gov. Timothy M. Kaine accepts an honorary degree from Rector Susan Magill as President Gene Nichol looks on.

**T**he Commonwealth of Virginia and its elected leaders in Richmond must do more to fully fund higher education, Gov. Timothy M. Kaine told an audience at the College of William and Mary's Charter Day ceremony.

Kaine, who received an honorary doctorate of laws at the annual ceremony, referenced the current gap between the funding obligation of the state and the actual appropriation for

higher education. It's a gap, he added, that is \$377 million annually—or more than \$1,300 for every student currently enrolled in Virginia's public colleges and universities.

"The simple question for the next four years is—can we do better?" Kaine said. "Of course we can. The real question is do we want to do better. I want to do better. The budget reform of 2004 moved us closer. This year's introduced budget, with its particular

focus on expanding university research, will move us even closer to that goal. But, there is much room to improve. During my term of office, we will do better."

Kaine, who was inaugurated last month as the commonwealth's 70th governor, said one way the state can do better in funding education is to ensure that Virginia does not use general-fund dollars to pay for improvements in the

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## Sundquist ('07) earns spot on U.S. Paralympic squad

Business student will compete in Torino

Skier Josh Sundquist, a senior business student at the College, was selected on Feb. 10 to compete for the United States at the 2006 Paralympic Games in Torino, Italy.

Sundquist, of Richmond, Va., is one of 27 athletes named to the U.S. Disabled Ski Team who will compete in the U.S. Paralympics, a division of the U.S. Olympic Committee for handicapped athletes. Paralympic events will be held from March 10-19 in the same venue as the Olympics.

Sundquist, who has been training and living in Winter Park, Colo., since December, will be one of 10 men to race in the



Courtesy of Josh Sundquist

**Sundquist shows off his form.**

standing category of the slalom and giant slalom events. There are categories for men's and women's standing and sitting (for wheelchair athletes) skiing.

Sundquist has dreamed of winning a medal at the Paralympics since he began skiing competitively at age 16.

"There is something about the Paralympics and the Olympics that really inspires people," Sundquist said. "People get really excited when they find out I am trying to go to the Olympics."

"Olympians do not receive money and not much fame unless they are one of the few who make a gold medal in one of the popular events," Sundquist said. "For the chance to compete, they give up everything—time with their family and time to pursue any other goals. All this is done just so that you can look at yourself in the mirror at the end of the day and say, 'I did my best. I reached my fullest potential.'"

Sundquist has inspired many with his courage and outlook on life. At the age of 9, he was diagnosed with a rare bone can-

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## Inside W&M News

### Economic contributions

Report suggests that the College generates more than \$500 million for the economy.

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### Bird flu comes: Don't panic

Professors at the College say the avian flu will arrive in Virginia—if not this autumn then soon.

—page 4

### Timing right for chancellor

Chancellor Sandra Day O'Connor reflects on her Court experiences and on her reasons for coming to William and Mary.

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## Gov. Kaine pledges support for higher education on Charter Day

*Continued from front.*

state's roads and transportation systems. Kaine and the Virginia House of Delegates have presented different plans for increasing funding to improve roads and transportation systems.

"We will this year solve for a period of time—I hope a long period of time—the state's transportation challenges," Kaine said. "One of the pieces of that solution will be significantly greater funding for transportation. But the question is this: Will we find funding for transportation out of debt and payment revenue sources that are unique to transportation, or will we invade the general fund of the Virginia budget and take dollars away from higher education and public education and mental health to pay for our roads?"

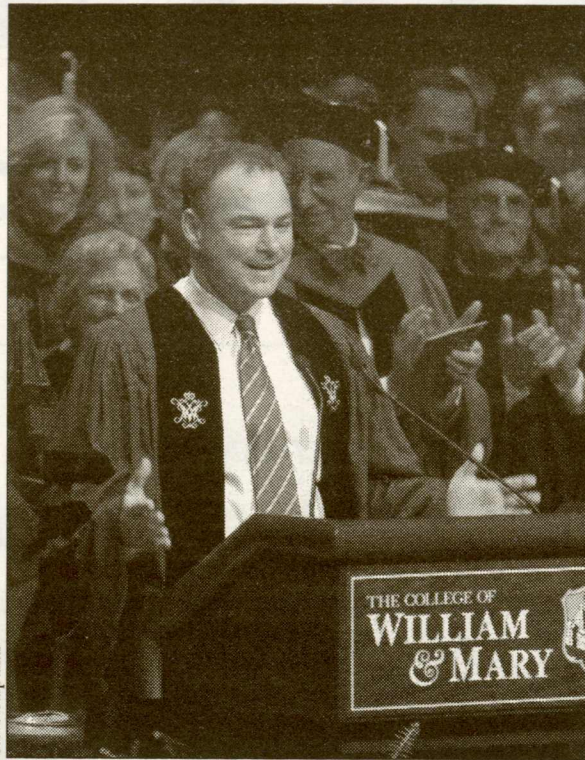
Kaine added, "We will do better in funding higher education but one of the ways we must do better is in this battle about transportation—make sure we solve our transportation needs without raiding the budgets of William and Mary or other colleges."

Saturday's event at William and Mary's Phi Beta Kappa Memorial Hall marked the 313th anniversary of the awarding of the Royal Charter from King William III and Queen Mary II of Great Britain establishing the College.

During his speech, Kaine remarked about the honor of joining the likes of Benjamin Franklin, Thomas Jefferson and Harry Truman as recipients of William and Mary honorary degrees. He also praised the storied past of William and Mary, including establishment at the College of the nation's oldest law school and the country's first honor society.

"You have hosted dozens of international leaders, at least 17 presidents and a few debates among presidential contenders," he said. "Your academic success has earned you again and again in numerous publications, including U.S. News & World Report, [distinction] as the nation's leading small public university. One of my predecessors accurately labeled this institution 'The Alma Mater of a Nation.' As impressive as all that is, what is most striking is the spirit of the students, faculty, administrators, alumni and public servants like Jim Dillard and others."

Earlier in the ceremony, President Gene R. Nichol also recognized Dillard for his years of contributions as a



Steve Salpukas

**Gov. Kaine received warm support for his suggestion that as Virginia addresses its transportation concerns it not "raid" the budgets of universities.**

public servant and a member of the William and Mary community. A member of the class of 1959, Dillard served in the Virginia House of Delegates for 32 years and, until recently, served on the College's Board of Visitors.

During his remarks, Nichol also discussed the importance of reflecting on the College's charter, which he defined as William and Mary's mandate and institutional description of purpose. Nichol urged the audience to ask themselves, if given the challenge, what ideals, aspirations and obligations they would include in a charter. In identifying the unique treasures that make William and Mary special, Nichol cited several questions they would need to consider if establishing a charter.

Would they commit to liberal learning, moral learning and creating a "lasting, enabling community of truth?" Would they promise to bring the work of the College to the global world? Would they seek to match the rich talents of the College to the pressing challenges of the commonwealth? Would they embrace an obligation to "produce graduates anxious to contribute to and participate in an engaged civic community?"

And, Nichol added, as the College restructures its relationship with the commonwealth, would they pledge to continue William and Mary's "unique trajectory to greatness?"

"As we open these new horizons, would we also embrace, and enthusiastically claim, our call to public obligation and civic contribution—as able and idealistic and committed partner with the Commonwealth of Virginia?" he asked.

The Charter Day ceremony also provided the College with an opportunity to honor several individuals. In addition to Kaine, Shirley Ann Jackson, a world-renowned physicist and president of Rensselaer Polytechnic Institute, and Virginia Forwood Pate Wetter, a pioneer among women in broadcasting and member of the class of 1940, received honorary degrees. Jackson received an honorary doctorate of humane letters. Wetter received an honorary doctorate of public service.

Two faculty members and two students also received special awards. Joel Schwartz, director of the Roy R. Charles Center and associate professor of government, received the Thomas Jefferson Award, the highest honor given to faculty for career contributions to the College. Elizabeth Canuel, associate professor at William and Mary's Virginia Institute of Marine Science, received the Thomas Jefferson Teaching Award—the highest honor given to young faculty members at the College. Paul Smith, a senior math major from Blacksburg, Va., received the Thomas Jefferson Prize in Natural Philosophy. William and Mary senior Catherine Schwenkler was surprised with the second annual James Monroe Prize in Civic Leadership. The Monroe Prize, established last year by the Owens Foundation, is awarded annually to a student who has demonstrated a commitment to community service.

by Brian Whitson

### Dillard honored by BOV

Citing a life-long devotion to Virginia's education system and to William and Mary, the College Board of Visitors honored James H. Dillard with a resolution on Feb. 10. Adopted



Steve Salpukas

**Dillard (r) receives warm words from Gov. Kaine.**

unanimously, the resolution came on the heels of a decision by Virginia's House of Delegates not to approve former Gov. Mark Warner's appointment of Dillard to the College board.

"This is extremely distressing news," said Rector Susan Magill, when word from Richmond was received. "Jim has rendered invaluable service to the board since his appointment last year, and we will find new opportunities for him to serve his alma mater."

A member of the class of 1959, Dillard represented Fairfax County in the House of Delegates for more than three decades before stepping down last year. He served as chair of the education committee and as a senior member of the appropriations committee.

"My main responsibility in the legislature," Dillard once wrote his constituents, "is to ensure state support for a quality education for every child."

In addition to recognizing his service to education throughout the state, the resolution also cited Dillard's multiple contributions to the institution: "The College of William and Mary has, indeed, grown better due to Jim's friendship, stewardship, and leadership; its Board of Visitors will be the poorer without his voice. His unwavering principle, courage and conviction will—as they have throughout his life—find a way to affect us for the good—and his example will continue to shine bright for our students, his colleagues and all the citizens of Virginia."

### Schwenkler honored with College's Monroe Prize

Every day is a day of action for William and Mary senior Catherine Schwenkler. With drive, dedication and a grace of human spirit, Schwenkler has addressed the needs of Latino communities at home and abroad. The College recognized her tireless volunteer efforts at its annual Charter Day ceremony by awarding her the James Monroe Prize in Civic Leadership.

Established in 2005, the Monroe Prize is awarded to a student who has "demonstrated sustained leadership of an unusual quality—leadership combined with initiative, character, and an unflinching commitment to leveraging the assets of the William and Mary community to address the needs of our society."

"Your winning countenance has roots deeper than mere happiness: It is more like the unshakable contentment born of noble purpose," said Gene R. Nichol, president of William and Mary, to Schwenkler at the ceremony. "You remind us, not just on your global service trips or crosstown tutoring sessions, but in all things, of Shakespeare's claim that 'joy's soul lies in the doing.'"

Schwenkler routinely organizes programs to address community needs, and she inspires others to follow. In 2003 she organized a student trip to Reynosa, Mexico, to help build housing for deserving families. The trip was Schwenkler's brainchild, and she was instrumental in raising the funds for the project as well as for marshaling the volunteers. In addition, Schwenkler handled all of the logistical arrangements for the trip and even served as construction supervisor on the project. A resounding success, the Reynosa Project is now a twice-annual campus service trip funded by the College and overflowing with volunteers.

Community service isn't just an extra curricular endeavor for Schwenkler. She has found ways to integrate her commitment to service into her studies.



Steve Salpukas

**Catherine Schwenkler**

Schwenkler worked with several local schools and aid organizations to establish an English-as-a-second-language class for Latino immigrants, both adults and children. She has taken her experience with this program into the classroom, where she is preparing her honors thesis in sociology on immigrants' experience with language.

Her energy and the significance of her undertakings were not lost on College administrators, many of whom had supported her nomination for the award.

"She is a wonderfully engaging and inspiring person," said Sam Sadler, vice-president for student

affairs.

"That her scholarship would focus on an issue that has such a profound impact on the needs of Latino people is a clear example of the way she connects thought and action—theory and practice," Sadler added.

"Her energy is contagious; her enthusiasm unmatched," said Drew Stelljes, coordinator of student volunteer services at William and Mary. "She has a gift—she will do something special someday for many others."

Schwenkler is a James Monroe Scholar, a member of the Sharpe Service Program and a member of the Omnicron Delta Kappa honor society. She has been on the dean's list—she holds a 3.8 cumulative grade point average.

The Monroe Prize is named after the nation's fifth president, James Monroe, an alumnus of the College. It was established through the generosity of the Owens Foundation. Honorees receive a \$3,000 scholarship, a framed citation and have their names engraved on a permanent plaque in the University Center.

by Suzanne Seurattan



# William and Mary gets athletics right

*Continued from front.*

Mary has been its most successful member, with 76 titles, 26 more than its closest rival;

■ In the National Collegiate Athletic Association's (NCAA) first report of academic progress rate scores for Division I universities, William and Mary scored fourth in the nation among institutions with two or more Division I teams, and trailed only Yale, Princeton and the University of Pennsylvania;

**'William and Mary could well serve as a national poster college for how to integrate achievement in academics with success in athletic competition.'**

—Geoff Feiss

■ Based on the 2004 NCAA graduation-rates data, William and Mary student-athletes graduated at a rate of 87 percent; by contrast, the national average was only 62 percent;

■ In 2005, 100 percent of the senior student-athletes on the football squad earned degrees;

■ The average SAT scores for William and Mary athletes on scholarship is consistently above 1,150, well above the national average; and

■ Since 1996, 35 William and Mary student-athletes have been elected to Phi Beta Kappa, the most prestigious national collegiate honor fraternity.

"William and Mary could well serve as a national poster college for how to integrate achievement in academics with success in athletic competition," said Feiss. "The College has clearly established a 'green and gold' standard for balanced excellence and unassailable integrity. While we take immense pride in this achievement, we still face challenges, especially in the area of funding."

By law, no state funds can be expended for William and Mary's \$11.5 million annual intercollegiate athletic budget. Game receipts, guarantees and NCAA proceeds provide just about \$1.5 million of that figure, much less than the proceeds many "big-time" universities receive. Endowment yield and annual gifts account for an additional \$3.2 million. These and other sources provided 46 percent of the total budget for the 2003-2004 fiscal year. The remainder came from student fees, which amounted to \$916 per student for athletics for that period.

"Several years ago the Board of Visitors set a goal of reducing our dependence on the student fee from 58



David Williard

**There is a lot of pride in the performance—on the field and in the classroom—of Tribe student athletes.**

percent of the budget to 50 percent," said Driscoll. "Although we have made progress toward that goal, dramatic increases in tuition expenses and operating costs in the past two years have impacted our ability to manage the reduced dependence on the student athletic fee, which will provide 54 percent of the 2005-2006 budget. We are committed to working on this."

The report identifies only two options for reducing the proportion of the athletic budget provided by student athletic fees: increasing income from other sources or cutting the athletic budget. After examining the first option, the report states that, "Unless William and Mary chooses to drop from Division I to Division III, which consists largely of smaller colleges and prohibits the award of athletic scholarships, expenses could not be reduced without dramatic losses of quality in personnel and facilities and

of student opportunities. The average salaries of Tribe coaches are already below those of their conference peers and below their academic peers and admission rivals."

The task force concluded that "the better alternative is to raise income," principally through increased annual support and endowment income. This is a high priority of the athletic leadership.

"Since I arrived in 1996, the athletic department has increased giving from \$1.4 million to more than \$3.5 million in the 2004-2005 academic year. Our donors are clearly rising to the challenge, in recognition of the current contributions and future promise of William and Mary athletics," said Driscoll.

Among the other challenges identified by the report are insufficient interactions among faculty members and coaches in their common instructional mission, faculty biases against student athletes, enhanced methods to celebrate the success and integrity of athletic programs and greater opportunities for athletic participation at all levels regardless of gender and ability.

The report found that athletics has a major impact on the campus as a whole, in addition to the benefits to those who directly participate in the games. Chief among these are pride in athletic achievement, release from the pressures of academic life and stronger linkages to the local community.

In addition to the co-chairs, the athletic task force consisted of the following members: Professor of Sociology David Aday; Professor of Humanities James Axtell; Senior Associate Athletic Director Barbara Blosser; former Associate Provost for Enrollment Management Karen Cottrell (now executive vice president of the William and Mary Alumni Association); President-elect of the William and Mary Alumni Association Henry George; Member of the William and Mary Board of Visitors John Gerdeman; Assistant to the President Chon Glover; Director of Economic Development James Golden; student Kristen Grabow; Coach of the Women's Field Hockey Team Peel Hawthorne; and Coach of the Women's Volleyball Team Debra Hill.

Other members included Professor of Religion David Holmes; Director of Recreational Sports Linda Knight; alumnus Shawn Knight; Professor of English Terry Meyers; Professor of History and American Studies Kimberley Phillips; student John Pitts; President of the Student Assembly Ned Rice; Associate Professor of Economics Sarah Stafford; alumnus Jim Ukrop; and Associate Vice President for Public Affairs Bill Walker.

The report of the athletic task force is posted online at [www.wm.edu/news/athletics](http://www.wm.edu/news/athletics).

by William T. Walker

## College contributes more than \$500 million per year to economy

The College contributes more than \$539 million and some 7,100 jobs to Virginia's economy, a study has shown.

Conducted by The Wessex Group of Williamsburg, the study examined the school's economic impact on the Greater Williamsburg community, the Hampton Roads region and the Commonwealth of Virginia. It found that William and Mary contributed more than \$343 million to the local economy, \$491 million regionally and \$539 million to the state in FY 2005.

"This report reminds us that William and Mary's contributions to the commonwealth go beyond providing an educational experience unlike any other," said Gene R. Nichol, president of the College. "It's especially important for a public institution to function as an economic catalyst in its region and beyond—and it's a role the College and its neighbors should be ever mindful of as we continue to lock arms on endeavors that affect us all."

Completed in January 2006, the study notes that the College is not only a major employer in the area but that it also attracts approximately 120,000 visitors to Williamsburg each year for various campus activities, including admission visits and College-sponsored conferences. These visitors spend some \$19 million in the local area and \$26 million in Virginia.

For the study, Wessex examined both

the direct and indirect economic impacts of the campus community, including the Virginia Institute of Marine Science. The study began by gathering informa-

**'This report reminds us that William and Mary's contributions to the commonwealth go beyond providing an educational experience unlike any other.'**

—Gene Nichol

tion about direct expenditures on payroll, procurement and construction by William and Mary and its related organizations.

"William and Mary is experiencing a construction boom that is significantly affecting the local economy. There are many different companies that are contributing and benefiting from this bonanza," said John Lawson, president and CEO of the W.M. Jordan Company, Inc. "W. M. Jordan Company currently has three projects under construction with a total contract value of \$58 million. We are very thankful for the opportunity to work with the College in building its

future facilities."

The analysts then surveyed the student body to estimate the degree of their off-campus spending, finding that the 7,500 students spend more than \$11 million in the Greater Williamsburg area annually. The firm applied the widely-used Impact Analysis for Planning Model (IMPLAN) to estimate the indirect and induced effects of these expenditures. The IMPLAN model showed that every dollar spent by the College generated almost \$2 in economic activity in the Virginia economy. As the dollars circulate they generate more economic activity. Some of the money spent in local restaurants, for example, goes to purchase supplies or pay employees. That creates another round of spending. Economists call this process the multiplier effect.

William and Mary, VIMS, their related organizations, students and visitors spend approximately \$278 million in Virginia each year. The economic impact of these dollars is almost double that figure—some \$539 million.

"Communities think of businesses as economic drivers, but they often don't think of universities in that light," said James R. Golden, director of economic development and corporate affairs at William and Mary. "This study shows universities can and do play that role."

The study also pointed out that William and Mary has other significant economic impacts beyond the spending researchers could measure. The College generates large benefits for the region and the commonwealth through its preparation of students for professional careers, creation of knowledge, technology transfer, community outreach, assistance to businesses and support of economic development agencies.

William and Mary commissioned the Wessex study for several reasons—to get an independent view of the College's overall economic impact, to obtain a baseline for the management agreements under the restructuring initiative involving the state and to gain a better understanding of student and visitor expenditures as part of an assessment of potential for expanded retail and entertainment businesses on the campus periphery.

Wessex is a market research, strategic planning and business consulting firm with more than 25 years of service in the Williamsburg community. Principals in the study were Roy Pearson, former member of the Virginia Governor's Advisory Board of Economists and a retired professor of business at William and Mary, and Don Messmer, William and Mary professor of business.

by Suzanne Sewallan



## Probing area waters Middle-schoolers discover science



Tim Jones, a graduate student at William and Mary, works with CEO student Daron Falz (right) as part of a project to study the water conditions of College Creek.

It was a chilly morning at College Landing Park as Devon Sabb and his classmate Alex Turner worked together to lob a large black-and-white disk over the pier. Attached to a rope, the disk—called a Secchi disk—is designed to help the two middle-school students determine cloudiness and depth of the waters that are part of College Creek.

Later, the students collected water using a transparent Secchi tube, fishing water samples from the bottom of the creek. Using electronic probes, team members collected data about the creek such as water temperature and pH balance, and they plotted the information on spreadsheets in their hand-held personal digital assistants.

"It's like a little puzzle," said Sabb, who is a middle-school student at Williamsburg-James City County's Center for

Educational Opportunities (CEO), the school division's alternative education facility. On this day, Sabb and his classmates were deciding who was first to use the cool electronic devices that enabled them to learn more about the Chesapeake watershed.

"We've got all these gadgets and I think the point of this field trip is to have fun," said Sabb, who was one of a dozen or more middle-school students who took part in the field trip. "It's also work out here, but if you put your mind to it you can do a lot."

The students spent the morning at College Landing Park as part of a grant and partnership with graduate students and faculty at the School of Education and Keck Environmental Lab at the College.

"I think this gives a student a real taste of what being a scientist is all about," said Tim Jones, a William and Mary graduate education student who plans to teach science. Jones spent

the morning with the students and is doing his graduate thesis on the project.

"This gives them a learning environment they may be more suited to," Jones added. "I know I love the outdoors and I hope when I'm teaching I'll be able to take my students outside into the field as much as possible."

The project, called Lake Matoaka Studies, was initially developed by Nancy West, who is the science education coordinator for WJCC Public Schools. West said the project represents the ultimate collaboration among colleagues in different disciplines.

The project provides the students a unique opportunity to combine several subjects—science, technology, math and language arts. Using the electronic probes and the hand-held computer devices, the students examined a number of aspects of College Creek such as water temperature, water depth, current flow and cloudiness. The students are documenting their work with digital cameras and also are writing papers on their experiences in the field. Later this spring, West said, the students will spend a few days at William and Mary's Keck Environmental Field Lab so that they can compare the data collected on College Creek to conditions at Lake Matoaka.

"We always try and keep the students engaged in what they are learning," said Trisha Farinholt, a middle-school reading specialist at CEO who received her master's degree in education from William and Mary in 1989. "We're combining so many subjects with this project, and it gives the students an unusual opportunity to work in the field."

West said that most of the equipment was purchased using a \$4,000 Dominion Education Partnership grant. Other equipment for the project was loaned by William and Mary's School of Education, whose faculty and students have also been involved. The goal, West said, is to bring CEO students to William and Mary's Keck Lab four times a year.

"This project is pretty unusual," West said. "That's one of the reasons why I wanted to invite William and Mary graduate students to participate. While our students get an opportunity to learn using this cool technology, future teachers at William and Mary get an opportunity to see how it can be integrated into the classroom. We have very close connections to the College, and I think that benefits our students as well as their students."

by Brian Whitson

# Professors say the avian flu virus is coming to Virginia: Don't panic

Perhaps it will be the millions of migrating blackpoll warblers that will bring the avian flu virus to Williamsburg when they arrive from Alaska this autumn. Perhaps it will be some other species. Regardless, H5N1 will come to Virginia, where it will, if all goes as several William and Mary professors predict, take up residence indefinitely in local wild-bird populations. At that point, one of those professors, Dan Cristol, associate professor of biology at the College, will be among the first human beings locally to be at risk.

The reality makes him anxious—"not panicked, but very concerned," Cristol said. As an ornithologist, all of his research initiatives involve birds. As a neighbor, his friends bring him birds—sick birds; dead birds. In a recent column in the Virginia Gazette, Cristol placed the threat in perspective, comparing it to what others face from the mosquito-borne West Nile virus or from the rodent-borne Hanta virus, each a non-indigenous strain that has found hosts here. Once established, occasionally the avian flu strain, H5N1, will appear in humans, just as it has first in China and now in several countries of Europe and Africa. In more than 100 human cases, the virus has nearly a 50-percent mortality rate.

"Not this year, but eventually the virus will be here, and I could get it," he said. "Worse, I could bring it home to my kids."

At present, people who do not have prolonged contact with wild birds need not be overly alarmed, Cristol said. Evidence suggests that the current strain is not easily transferred to humans and has been transmitted only in rare instances from one infected person to another. At some point, however, an altered strain might develop that easily can spread among humans. That prospect has given rise to the specter of pandemic. Alarmists say H5N1 will make that jump sooner than later. If that does happen, Cristol said, "All bets are off. There is the real possibility for a worldwide epidemic."

Among professors at William and Mary, the general advice offered relative to avian flu is for concern and preparation. Sue Peterson, professor of government, who studies the politics of epidemic diseases, resents the climate of fear that some media reports have fostered.

"The media does tend to produce these kinds of scares," she said, "but that may just be the nature of the media. They're looking for a hot story. For a time they don't say anything about it, then when they do say something, it has the tone of 'the sky is falling.' That kind of panic, those public-health alarms, tend to be counterproductive."

The prospect that H5N1, or some similar bird virus, might mutate into a form that can be spread easily from human to human has to be recognized, she said. Avian viruses do mutate. In recent months, the Spanish flu of 1918 was identified as an H1N1 strain. It killed at least 25 million people as it circumnavigated the globe.

Peterson said that U.S. strategy, at this point, needs to include more funding for institutions such as the World Health Organization to track outbreaks of the disease and more efforts to cooperate with other nations in order to respond. "We also need to consider using flu vaccines in [developing countries] that take them away from stockpiles in industrial countries," she suggested. Such action might prevent the virus from having the time to mutate. "That is a whole political discussion we have not



Dan Cristol gathers swallows that will be tested for traces of mercury in their bloodstreams.

had," she said.

"Our best defense against epidemic disease, most of which will originate in the developing world, is a forward defense," she said. "Our goal should be to work with others to help nip any potential pandemic in the bud."

Beverly Sher agreed: "A lot of public-health officials have been worried for years," she said. "H5N1 is the first virus we've seen in a while that has the potential to become a pandemic. The idea is that if we are smart about this we can slow down or even stop a pandemic."

Sher, visiting professor and health professions adviser in the College's department of biology, has been teaching a freshman seminar on emerging diseases since 1997. During recent semesters, avian flu has been the hot topic. Her pre-med students want to know about the basic biology of the virus. "Yes," she tells them, "in theory it is possible for someone to make a universal vaccine against influenza." Her international relations students want to know how countries can cooperate. "Yes," she says, "these viruses can be cooking away in southern China, and the Chinese government might know, but the rest of the world doesn't." All of her students want to know what can be done.

"We need to change the way we make vaccines," Sher said. Instead of growing them in embryonated hen's eggs, vaccines should be made utilizing tissue-culture methods, which would produce more volume faster, she suggested. "We need to clean

up questions about the patent system, because it turns out that the reverse-genetics process that is used to create the experimental H5N1 vaccine that is being tested now is patent-protected," she added. "We need to look at better drugs for blocking the transmission of influenza."

"What we basically need to be doing is putting political pressure on the people who have the money to spend and to insist that they spend it wisely so that we are prepared," Sher said. She called recent efforts by the Bush administration to earmark funds and to initiate dialogue with potential global partners a first step. "We have a long way to go," she said.

As the avian flu virus continues its global spread, pandemic scenarios are sure to proliferate. Many will invoke doomsday rhetoric. Some will pin assertions in terms of national-security concerns, a tie-in that Peterson will find troubling. AIDS has established the current benchmark as to when a disease threatens national security, she believes. A recently completed study with colleague Stephen Shellman showed that AIDS indirectly affected national security in many nations by lowering gross domestic product, by devastating educational institutions and by eroding support for political institutions.

"My take on this is that, whether you are talking about AIDS or the avian flu, we have to be careful when we throw around words like national security threat," Peterson said.

"National security traditionally has been about the use of force, about the preservation of our territorial integrity, of our national sovereignty and of our political institutions." Disease can rise to that level, she admitted, but it would have to unleash a massive pandemic. By comparison, AIDS, which has killed or infected 70 million people worldwide, does not constitute a threat to U.S. security, she said. "AIDS is a humanitarian crisis of epic proportion, and we need to respond to it as such. In fact, American security is not directly challenged by AIDS."

She suggested that, likewise, were avian flu to kill a few thousand people in the United States, certainly it would be "a tragedy for the individuals" and a "health problem for the nation," but it would remain far below the level of threatening the political or territorial sanctity of the nation.

If the virus does adapt a form that enables it to be passed from human to human in the next 12 months or so, Peterson is aware that severe hardships would be created. "What's scary is that the numbers will actually swamp our emergency rooms, our ability to respond," she said. "That's assuming everything goes well. Will public-health workers even show up? That is assuming a lot."

Said Sher, "We would be cooked. If it hit now, we wouldn't have enough drugs; we wouldn't have a vaccine for six months to a year. Hospitals would be overwhelmed. A lot of people would be on ventilators; we don't have enough ventilators in our country."

Sher is encouraged by discussion among officials with the Centers for Disease Control and Prevention (CDC) that reference employing a floating corps of professionals to follow outbreaks through communities and to call for "snow days," essentially shutting down communities when the virus flares. "Eliminating unnecessary gatherings and reducing human-to-human contact in society would have an enormous economic impact," she said. Sher also believes that by cooperating with other countries and planning wisely, there is a chance that pandemic can be averted, perhaps for the first time in the history of the world.

In the meantime, she said that she has no personal preventive strategy.

"I'm not taking any precautions," Sher said. "People ask me if I got Tamiflu for my family. I haven't. If I knew avian flu was spreading person-to-person in San Francisco, I would avoid crowds and keep my hands clean. I might teach my seminar by computer for awhile."

Cristol, however, is taking precautions. He and his students are wearing gloves each time they handle wild birds; if they do so within an enclosed space, they are wearing gloves and masks. When the flu arrives, he said, respirators will be added to the required gear.

"Until it can move person-to-person with ease, you have to come into contact with birds as a farmer or researcher—direct contact and probably prolonged contact," he said. "That may change any time, as we all know. Meanwhile, people should be concerned about whether the government is doing anything to prepare us for an epidemic and to reduce the chance of an epidemic."

Despite the rhetoric, Cristol said, he has seen little tangible evidence of that thus far.

by David Williard

## 'For the Birds': Cristol's radio demos show potential for saving fowl and for making people happier

During a sabbatical in 2004, Dan Cristol found himself "trapped in his car" at a stoplight when he inexplicably became fascinated with Herbert Hoover's wife. Cristol, associate professor of biology at the College, was, in fact, listening to a National Public Radio broadcast of "A Moment in Time," a two-minute radio show about history produced by Dan Roberts at the University of Richmond. As he waited for the signal to change, it occurred to him: Why not do for ornithology what Roberts had done for history? In the process, he reasoned, he potentially could save millions of birds while making lives happier for hundreds of thousands of people.

It almost happened. Cristol produced



Dan Cristol

resent non-migrating geese—"goose poop," what people should do with their cats—"keep the killers indoors," and what types of fowl he personally eats—"ugly

a series of fully developed radio demos that he titled "For the Birds." In each episode, he engaged with a fresh wit and an obvious passion bird-related topics of general interest. Topics included

birds taste better than pretty ones."

Success for the project seemed guaranteed. Judging from the enthusiasm generated by the bird-related column he had been producing for the Virginia Gazette, Cristol was convinced a much broader audience existed for similar discussion. "People stop me in the street and call me and e-mail me all the time with questions about birds," he said. "They want to know what makes that little 'dinky-dinky-dee' sound outside their window or why woodpeckers tear up insulation." Those interested in such discussion, he also noticed, seemed to be more in touch with themselves. "People who are connected to nature, even if just through seeing a bird at a feeder and knowing what it's doing,

are better off and, I bet, happier," he said. "These are the kind of people I want to be around."

Certainly an additional benefit—perhaps the major benefit—would accrue if a program such as "For the Birds" could help protect some of the world's feathered species. As human beings continually expand their developmental footprint, numerous bird populations become endangered. Despite productive interventions on behalf of some, such as ospreys and eagles, Cristol maintained that "for every high-profile success there are 50 species that are on a fast track to extinction."

"And no-one cares," he said. "If I told the stories of these creatures, people might do something."

At present, Cristol does not have the resources necessary to pursue the series. After talking with Dan Roberts, he realized that the time commitment involved in producing a daily radio show that could be marketed to the national media would be overwhelming. That not only is sad, in a sense, for Cristol, it is sad, too, for the College. "There are 65 million bird enthusiasts in this country, and if William and Mary could be firmly implanted in the minds of all of them for two minutes every day after they had learned something interesting about birds, there would be 65 million more William and Mary enthusiasts," he speculated.

Obviously it is sad for the birds.

by David Williard



The following episodes of "For the Birds" by Dan Cristol are available on the Faculty Focus Web page available at [www.vcm.edu](http://www.vcm.edu). These titles also have been indexed in Apple's iTunes directory. —Ed.

**Goose poop: Too much of a good thing**  
**Messy neighbors: Geese that stay**  
**Bad cat owners: Keep killers at home**  
**Bird-spit soup: Homeless swiftlets**  
**Poisonous birds: What don't we know?**  
**Eating fowl: Pretty birds not as good**  
**Long lining: A curse for the albatross**



## Timing is right for O'Connor to serve as College's chancellor

Following are excerpts of an interview with Justice Sandra Day O'Connor that was conducted for the *W&M News* by William T. Walker in Washington, D.C. on Dec. 6, 2005. Justice O'Connor has agreed to serve as the 23rd chancellor of the College. She is scheduled to be formally installed in that position on April 7, 2006. The complete interview, along with links to an article about the new chancellor that appeared in the current *William and Mary Alumni Magazine*, has been posted on the Front Page, which is available at [www.wm.edu](http://www.wm.edu). —Ed.

**Q:** What led you to accept the invitation to become Chancellor of the College of William and Mary?

**O'Connor:** Timing is often important, and the College's invitation came at a good time for me as I anticipated retirement from the Supreme Court and had begun to think about what type of activities would be suitable and interesting for me to engage in—activities that weren't going to be full time, certainly, but which nonetheless would be of interest ...

Everyone has heard of William and Mary. It's one of our most cherished universities dating from the earliest days of the nation. I am truly honored to be asked to be chancellor. I well remember when Chief Justice Warren Burger was chancellor, and I suppose the fact that he had found it possible to serve, although he was Chief Justice, gave me some encouragement to think the College could have another member of the Court, especially one who was no longer in active service on the Court. So, all those things combined to make it a very attractive request.

**Q:** When you were sworn in at the Court, I believe that you were seated in the chair of ...

**O'Connor:** John Marshall. He actually went to law school at William and Mary. John Marshall is, of course, universally considered the greatest Chief Justice of the Supreme Court. ... Marshall is the early citizen of this country who put flesh and bones on the Constitution of the United States. We had this little bare-bones Constitution, and it set out the basic structure of government, the three branches and a list of powers, and then as an add-on to make sure it could be ratified, the Bill of Rights. But what did all those mean in reality? ...

The story of the stormy relationship between John Marshall and his second cousin, Thomas Jefferson, is one of some interest. The Supreme Court wouldn't be in the business it is if it weren't for the *Marbury vs. Madison* decision authored by John Marshall.

Almost all the Court's opinions in the



O'Connor dons a cowboy hat.

more than 30 years that John Marshall was our Chief Justice were authored by Marshall. He was very collegial. He'd meet with his colleagues, and they would discuss the cases. Then he would say, "Well, I'll be glad to try to write this if you want," and they always did. And he did a great job.

**Q:** Although it is early in your chancellorship, do you have any goals that you would like to accomplish?

**O'Connor:** I haven't set goals, but I hope that my service there will be marked by some good opportunities to meet with a number of the students and faculty, and to give them a sense of the great importance of a university education in the development of one's life and abilities and goals.

**Q:** Can you tell us about your own undergraduate career at Stanford University and the importance of your relationship with Professor Rathbun?

**O'Connor:** He was an influence in my life. I grew up on a remote cattle ranch. I wanted to be a cattle rancher as an adult. That was the only thing I knew anything about, and I liked it. I was not acquainted with lawyers, other than one lawyer for whom I had worked, but law had not surfaced on my horizon as a career. ...

I had taken a class as an undergraduate from Professor Rathbun. He was a very inspiring professor. He was the first one who ever talked in my presence about the difference that an individual can make in life.

We live in such a vast world and amongst a huge population. It's easy to think, going along as a young student, that your voice won't matter. And yet he was

persuasive in telling each of us that, "Yes, it could matter very much." ...

**Q:** As you near the end of your tenure on the Court, what has it meant, do you think, for young women of today?

**O'Connor:** When President Ronald Reagan in 1981 made a decision to put a woman on the U.S. Supreme Court after 191 years without one, it opened doors across this nation and, I think, around the world to women to hold positions of greater significance than they had ever held before. It made an incredible difference. In my lifetime, I have seen a sea-change in attitudes about what women can do and in opportunities for women. I attribute much of that to President Reagan's decision to put a woman on the Supreme Court. It isn't because it was me; it was because he made an incredibly important decision.

**Q:** Any advice for young women today?

**O'Connor:** Work hard. Learn to read fast and write well. It will get you almost anywhere.

**'Everyone has heard of William and Mary. It's one of our most cherished universities dating from the earliest days of the nation. I am truly honored to be asked to be chancellor.'**

—Sandra Day O'Connor

**Q:** Can you comment on your role as a consensus builder on the Supreme Court?

**O'Connor:** I suppose I have done that for many years in and out of the legislature and other positions. Consensus building is something that helps you in any endeavor.

There's kind of an amusing story about the person who first flew the Atlantic—Charles Lindbergh. He was the world's hero.

There was a student in a class given by one of Harvard's most distinguished professors. [The student] had just heard the news that Lindbergh had landed and rushed into the class, interrupted and said, "Professor, professor, have you heard the news? Lindbergh has landed in Paris."

The professor didn't look terribly excited and said, "Oh, that's interesting."

"Well, professor, you don't sound too

surprised or excited."

And the professor said, "Well, tell me that he did it by committee, and I'll be impressed."

There's something to be said for that, because today's world seems to operate more by committee and consensus than by individual initiative in some ways. So, having skills to get groups to work together isn't a bad thing to have.

**Q:** In the *Majesty of the Law*, you say diversity is the Supreme Court's strength just as it's the strength of America itself. How does diversity strengthen nations and institutions, and how can you cultivate that?

**O'Connor:** We happen to live in a country that is populated largely by immigrants. Who was here other than the Native Americans when the Vikings came, and then a few Europeans, and later waves of immigrants from all over? For this nation to succeed as an entity, as a single nation, it had to learn how to cope with diversity and how to make that diversity a blessing rather than a curse. ...

**Q:** William and Mary President Gene Nichol admirably cites your language from the Michigan opinion that "the path to leadership must be visibly open to talented and qualified individuals of every race and ethnicity." How can educational institutions live up to the Court's expectations and serve the nation in this regard?

**O'Connor:** The universities have to exercise the discretion that they have been given with good judgment and sensitivity so that there are not large blocks of students and applicants who feel that they have been harmed by the universities' policies of admission. It's a challenge to walk that line and to show that the decisions made by the universities on admission have been good decisions and have resulted in a wonderful student body. So it's hard.

But even harder is something that universities have no control over, and that is all these so-called affirmative-action remedies are limited in duration. That's part of the fundamental holdings of the Court, that you can't have things in perpetuity.

And that means at the beginning level of society we have to start caring for and educating children at very early ages so that the need for some kind of affirmative action never comes up.

Now how are we going to do that? That isn't in your hands, except to the extent that you are yourselves training educators and leaders. We have to do better from the beginning, not just at the university level. That's the problem.

## Arseneau recognized for distinguished service by Association of Fraternity Advisors

Anne Arseneau, associate director for student activities at the College, received the distinguished service award during the 2005 Association of Fraternity Advisors' (AFA) annual meeting in Atlanta, Ga.

The award recognizes those individuals who have exhibited professional standards and achievement in men's and women's fraternity advising, as well as outstanding achievement in various other areas including campus programming, development and research activities, and service to a college community.

At William and Mary, Arseneau oversees 12 sororities and 15 fraternities involving a total of 1,500 students on campus. She said that she receives her greatest job satisfaction from serving as a front-line adviser for them.

"Our students are committed to any endeavor they undertake, they're creative in their effort, they are diligent and responsible in their pursuits and they are engaged in the things they are doing, which makes advising them a real pleasure," she said.

Each of the organizations is, in its own way, committed to enhancing the academic and leadership experiences of its members, Arseneau remarked. Each also encourages



Anne Arseneau

members to look beyond themselves toward opportunities to serve the community.

The fact that fraternity and sorority houses at the College are owned by the institution helps make membership in the groups better, she suggested.

"I will only ever want to seek opportunities where that is the case," she said.

The chapter president doesn't have to be a landlord or a maintenance person or a human-resources manager. He or she can focus on things that are more important. It really frees up students to focus on their organization and not on the business of housing people, room and board and bringing facilities into compliance with local codes."

Arseneau has served the AFA in many leadership roles, including as workshops chairperson, first timer's chair-

person, fireside chats chairperson and, most recently, as the 2005 conference chairperson. She also volunteers for LeaderShape, Kappa Alpha Theta and the Beta Theta Pi Men of Principle Institute. One of her nominators stated that she is "professional, someone with an outstanding work ethic, superior development philosophy and just plain enjoys working with students. She cares about others and is willing to put in the time and energy needed to create a community we can all be proud of. She also knows that it isn't about her. It's always about our students and creating opportunities for them to be successful."

Concerning Arseneau's award, Virginia Ambler, assistant vice president for student affairs, said, "We all know what a tremendous colleague Anne is to all of us at William and Mary. It is wonderful that her professional colleagues across the country have also recognized her talents and contributions and selected her for this significant honor."

The AFA is a professional organization that represents more than 1,400 fraternity and sorority professionals from across the United States and Canada.

by David Williard



## Sievers to run for city council



David Sievers

David Sievers ('07), a philosophy major at William and Mary, has taken a semester off from his studies at the College in order to run for Williamsburg City Council. He announced his decision in a Feb. 7 press conference. Afterward, he promised that his candidacy would differ from those of students who campaigned for seats on the council last year by stressing unity.

"There was a tone of divisiveness and conflict between the campus and the city in the other campaigns," he said. "That is opposite from what I would like to do. I would like to represent the whole city as opposed to dividing the city into different groups."

Sievers main theme will be "One Williamsburg." He identified several issues he hopes to address, including working for "smart growth" by promoting reasonable city density innovative transportation solutions, ensuring economic health by diversifying the business base in Williamsburg and ensuring that people who work in Williamsburg can afford to live in the city by working for inclusive affordable housing.

"The issues I'm speaking about are ones that apply to all residents," Sievers said. "We need to find out how we can help all citizens take advantage of the high-quality of life the community offers. Services that are provided need to be available to all residents. We need to realize that affordable housing is not just a student issue; people who work here need to be able to afford to live here."

Sievers, who says he has been a resident of Williamsburg for three years, stressed that his relationship with the community extends beyond his enrollment at the College. "I am a student," he said, "but I am also a teacher, a neighbor, an employee in the service sector, a community leader, a cyclist, an environmentalist and a member of this community."

Sievers said he was optimistic that he can win a seat on the council. "In the last election, the highest vote getter received 10 percent of votes," he said. "With numbers like that, anyone who is talking about important issues can win."

Elections for the Williamsburg City Council are scheduled for May 2. This year, there are four candidates, including two incumbents, vying for two vacant seats.

by David Williard

## Sundquist picked for Paralympic squad

Continued from front.

cer, Ewing's sarcoma, and was given a 50/50 chance to live. When months of chemotherapy did not shrink the tumor, doctors decided to amputate his left leg at the hip.

Since his recovery from cancer, Sundquist has given numerous motivational speeches at middle and high schools and churches, talking about his life, his faith and experiences as a ski racer. His speeches primarily focus on two messages—"life is tough" and "life is beautiful."

At 18, Sundquist, who has spoken at the National Press Club and the White House, was one of the youngest people ever to be accepted as a member of the National Speaker's Association. He is a founding member

of the Youth Navigators Roundtable, a panel of America's top motivational speakers for schools and youth groups.

He has won numerous national awards for his writing in magazines, his high school column in the Richmond Times-Dispatch and his pieces in Daily Guideposts. Sundquist served as one of the editors and co-authors of the teen devotional



Sundquist will represent the United States in Torino, Italy.

book *Forty Voices: Stories of Hope from Our Generation*, published by Hats Off Books in 2004.

Sundquist served for two

years as the spokesperson for the Combined Federal Campaign, an effort that raises more than \$300 million dollars a year

for charities around the world. He has won several awards for his achievements, including an honorary position on Lance Armstrong's U.S. Postal Service Cycling Team, The Heroes Among Us award from the Virginia State Legislature and The Discovery Card Tribute award.

He spends countless hours training on the snow and lifting weights, and he has raced in numerous competitions to improve his world ranking, the measure used to pick team members.

An operations and information systems major, Sundquist is taking independent study courses this semester but will return to Williamsburg next fall to complete his classes and to graduate in December. He may continue skiing professionally if he gets a sponsor.

Competition for a spot on the team is fierce, and Sundquist's first race series of the season began with a less-than-desirable finish. However, in his second race series in Park City, Utah, Sundquist performed well, finishing sixth in the slalom and eighth in the giant slalom.

by Gail Kent

**'All this is done just so that you can look at yourself in the mirror at the end of the day and say, "I did my best. I reached my fullest potential."'**

—Josh Sundquist

## Endowment returns 12.84 percent

For fiscal year 2005, the Endowment Association of the College of William and Mary recorded a 12.84-percent investment return on the investments it manages, compared with an average 9.3-percent return reported by 746 educational institutions across the nation. The study was conducted by the National Association of College and University Business Officers.

"As of June 30, 2005, the College's total endowment stood at \$438 million," said Howard J. Busbee, chair of the endowment association. "The return on investment for the William and Mary Investment Trust—comprised of invested assets belonging to the endowment association and the Marshall-Wythe School of Law Foundation—ranks 84th among the 678 schools that reported returns based on a June 30 year-end."

Busbee went on to say that the investment trust's one-, three- and 10-year investment returns place the College well within in the top quartile in terms of its investment performance. He explained that recent articles in the media had inaccurately represented the endowment association's investment return by confusing that figure with the asset growth figure.

## PBK honors two with faculty awards

Evgenia Smirni, graduate director in computer science, has been awarded the 2006 Phi Beta Kappa Award for the Advancement of Scholarship, and Philip Daileader, associate professor of history, has been awarded the 2006 Phi Beta Kappa Award for Excellence in Teaching.

The awards are made possible thanks to an endowment established by John D. Rockefeller. The scholarship award goes to "a younger member of the faculty who has demonstrated scholarly achievement and promise for continued excellence." The teaching award

is made to a faculty member who has demonstrated "a commitment to the concept of an academic community in which teachers and undergraduate students work together to advance knowledge."

Both recipients will be honored at a banquet on Tuesday, Feb. 21, in the Great Hall of the Christopher Wren Building. The reception will begin at 6 p.m. and the banquet at 6:30 p.m. The dinner, to which all faculty members and their guests are invited, is \$20 per person. For details contact Clay Clemens at cmclem@wm.edu.

## College poised to become a force in biomagnetics



Dennis Manos speaks during groundbreaking ceremonies for the first phase of the College's Integrated Science Center.

"Data fusion"—the concept driving establishment of William and Mary's Center for Biomedical and Biomagnetic Research—will lead to advanced, real-time imaging techniques to be used in the diagnosis and treatment of disease.

"A critical new area of biomedical research is in non-invasive imaging," says Dennis Manos, vice provost for research and graduate study. "Think about the kinds of medical images used in X-rays or MRIs—only at microscopic levels and time-sequenced, so that you're actually watching an image of an organ, or even an individual cell, as it functions." It's possible to attain such high levels of bioimaging through fusing high-speed computing and modeling techniques with data gathered from state-of-the-art laboratory instruments, he said. Similar imaging technologies can be developed to let clinicians "see" molecular or chemical processes such as enzyme metabolism or gene expression.

Biomagnetic research, an emerging field, has a wide field of potential applications, including the study of vascular and neurological tissues at the cellular level. William and Mary's new 17.6 tesla nuclear magnetic resonance spectrometer (one of only a handful in the United States)

allows molecular analysis of biomaterials at a resolution previously unattainable.

Advanced diagnostic biotechnologies will give clinicians the ability to determine the presence or absence of chemicals in an organ or even a small collection of cells that is malfunctioning, Manos said. "The doctor can then apply treatment—surgery or drugs—to the vital area and observe the results in real time," he added.

William and Mary is in a position to develop such a center, drawing on research in several departments dealing with biomedical research, imaging and diagnostics. The center will benefit from the College's partnerships with institutions such as the Wellman Clinic, Children's Hospital, Brigham and Women's Hospital at Harvard and Eastern Virginia Medical School.

"The Center for Biomedical and Biomagnetic Research will bring together teams of biologists, applied scientists, physicists, chemists, kinesiologists, mathematicians and specialists in advanced computational science and modeling," Manos said. "With the contributions of our clinical partners, we can develop multi-disciplinary capabilities and advanced tools to study living systems."

Experts in public policy and health-care delivery will join the research and clinical aspects of the initiative, in the form of staff of the Center for Excellence in Aging and Geriatric Health and the Schroeder Center for Health Policy.

Manos said he expects the Center for Biomedical and Biomagnetic Research to draw long-term, sustainable funding from federal and private sources. The College is seeking seed money totaling \$4.7 million from the Commonwealth of Virginia.

by Joe McClain



# 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 [wnews@wm.edu](mailto:wnews@wm.edu). Call 221-2644 for more information. The deadline for the March 16 issue is March 9 at 5 p.m.

## Today

**Personal Financial Counseling Sessions with TIAA-CREF Representative:** Room 220, University Center. To schedule an appointment, visit the Web site at [www.tiaa-cref.org/moc](http://www.tiaa-cref.org/moc) or call Elzaida Smith at (800) 842-2008, extension 8926.

**The Forum General Meeting:** "Tax Tips' Things You Should Know About This Tax Year." Michael Stump, director of internal audit. Noon, James Room, University Center. All faculty, staff and students are invited to attend. 221-3157.

## Today, Feb. 23; March 2, 9

**CWA/Town & Gown Luncheon and Lecture Series:** "A Williamsburg Turtle Travelogue," Randy Chambers, director, W. M. Keck Environmental Field Lab (today). "The Planting of a College Tradition," Martin Mathes, professor of biology, emeritus (Feb. 23). "Latin Immigration in Virginia," Jennifer Mendez, associate professor of sociology (March 2). "The C.S.S. Virginia and the Battle of the Ironclads on This Day in History, 1862," John Quarstein, director, Virginia War Museum (March 9). Noon-1:30 p.m., Chesapeake Room, University Center. 221-1079 or 221-1505.

## Feb. 17

**"With Good Reason" Radio Program:** In a program dedicated to Valentine's Day, Brian Geiger, reference assistant, Swem Library, recounts the history of Valentine's Day cards in antebellum New England. "With Good Reason," produced by the Virginia Higher Education Broadcasting Consortium, airs locally on Fridays at 1 p.m. on WHRV-FM 89.5 (Norfolk).

**American Cultures Lecture Series:** "Squaw Men and Indian Wives: Mapping Gender, Race and National Belonging in the Silent Western," Allison Landsberg, George Mason University. 3 p.m., James Blair 223. E-mail [seadam@wm.edu](mailto:seadam@wm.edu).

## Feb. 17, 20, 24, 27

**Physics Colloquia:** "Fundamental Physics with Ultracold Matter," Seth Aubin, University of Toronto (Feb. 17). "Ultracold Atoms and Bose-Einstein Condensates in Storage Rings and Optical Cavities," Subhadeep Gupta, University of California, Berkeley (Feb. 20). "Efficient Coupling of Atoms and Light," James Thompson, MIT-Harvard Center for Ultracold Atoms (Feb. 24). "Manipulation of Light with Atomic Ensembles (and Vice Versa)," Irina Novikova, Harvard-Smithsonian Center for Astrophysics (Feb. 27). All events will begin at 4 p.m. in Small 109. 221-3501.

## Feb. 18

**Black History Month Event:** Eighth Annual Tidewater Gospel Festival, sponsored by the Office of Multicultural Affairs, the Department of Music, the Dean of Arts and Sciences and the Office of Student Affairs. The festival will include performances by the College's Ebony Expressions, His Chosen Sounds from Hampton University, the Paschall Brothers and Rejoicing. 7 p.m., Chesapeake Rooms, University Center. Free and open to the public. 221-2300.

## Feb. 22

**Archaeological Institute of America (AIA) Lecture:** "Urban Life in an Ancient Assyrian City: Results from Ziyaret Tepe (Turkey)," Lynn Rainville, Sweet Briar College. 5:30 p.m., Andrews 101. Free and open to the public. 221-2160.

## Feb. 23

**Retirement Planning Seminar:** Counselors from the Virginia Retirement System, TIAA-CREF and Fidelity will provide important information on retirement benefits and the retirement application process. Members over age 50, who are planning to retire in the next five years are encouraged to take advantage of this opportunity. The representatives from each vendor will

## Meet with the President

President Gene Nichol has reserved office hours throughout the semester especially for students to discuss issues that concern them or just to chat. Individual students or small groups can reserve 15-minute sessions. Contact Carla Jordan at 221-1254 or [cajard@wm.edu](mailto:cajard@wm.edu) for dates and times.

be available as follows: VRS, 9-11 a.m.; TIAA-CREF, 11 a.m.-1 p.m.; Fidelity, 1-3 p.m. Registration is required. Additional information is available by calling Joy Ketron at 221-2658.

**VIMS After Hours Seminar Series:** Due to renovations to McHugh Auditorium, new lectures in the series will be postponed until late spring. "The Tide Next Time," a recent sold-out lecture will be repeated by popular demand. The speaker is John Boon, VIMS professor, emeritus. 7 p.m., VIMS classroom A/B, Gloucester Point. The lecture is free, but due to limited space, reservations are required. Register on-line at [www.vims.edu/events](http://www.vims.edu/events) or call (804) 684-7846.

## Feb. 23-26

**William and Mary Theatre:** "Stop Kiss." 8 p.m. (Feb. 23-25); 2 p.m. (Feb. 26), Phi Beta Kappa Memorial Hall. Tickets \$8, \$5 students. Reservations available by calling the box office at 221-2674, Monday-Friday, 1-6 p.m. and Saturday, 1-4 p.m. Payment by cash, check and Visa/MasterCard.

## Feb. 24, March 3

**Biology Seminar:** "The Shape of Genetic Structure: A Graph-Theoretic Perspective on the Evolution of Intra-Specific Population Genetic Structure," Rodney Dyer, Virginia Commonwealth University (Feb. 24). "Life and Death at High Altitude: What Himalayan Mountaineers and Late Permian Vertebrates Have in Common," Ray Huey, University of Washington (March 3). Both events will be at 4 p.m., Millington 117. 221-5433.

## Feb. 26

**Pre-Tour Concert:** The William and Mary Choir under the direction of James Armstrong. 8 p.m., Catholic Campus Ministries's St. Bede Chapel. 221-1085.

## Feb. 28

**Program on Sexual Assault:** The acclaimed program "Sex Signals" will be brought to campus by a national touring company to assist campus dialogue on sexual assault. Co-hosts for the program will be the Inter-Sorority Council and the Council of Fraternity Affairs. 7:30 p.m., Commonwealth Auditorium, University Center. 221-3273.

**2005-06 George Wythe Lecture:** "How Market-Driven News Promoted the Punitiveness Revolution: The News Media's Influence on Criminal Justice Policy," Sara Sun Beale, Duke Law School. 3:30 p.m., Law School 127. Free and open to the public. 221-1840.

**Lively Arts Series:** Glenn Miller Orchestra. 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](http://www.wm.edu/studentactivities/programming/concert.php).

## March 1, 15

**Program in Environmental Science and Policy and Mellon Environmental Issues Lecture Series:** "Climate Change: The Science and Politics of an Unplanned Global Experiment." Speakers include Christiana Figueres, official negotiator of the U.N. Framework Convention on Climate Control and Kyoto Protocol for Costa Rica (March 1) and Dan Reifsnnyder, director, Office of Global Climate Change, U.S. Department of State (March 15). Both events will be at 7 p.m. in Andrews 101 (March 1) and Small 113 (March 15). Free and open to the public. 221-2463.

## March 2

**Spring Concert:** William and Mary Orchestra under the direction of Boshuslav Rattay. 8 p.m., Phi Beta Kappa Memorial Hall. Tickets are \$10 adults, \$5 seniors, \$1 students. 221-1089.

## March 3

**VIMS Seminar:** "Tropical Marine Biodiversity: From Corals to Microbes," Nancy Knowlton, Scripps Institute of Oceanography. 3:30 p.m.,

VIMS, Gloucester Point. For additional information, e-mail [bronk@vims.edu](mailto:bronk@vims.edu) or [seitz@vims.edu](mailto:seitz@vims.edu).

## March 4-12

Spring Break

## March 20, April 18

**Lunch with the President:** President Gene Nichol will host a series of luncheons to give students an opportunity to meet with him informally in groups of 10. Noon, March 20 and 12:30 p.m., April 18, at the President's House (located at 608 Pollard Park). Lunch will last about an hour. Contact Carla Jordan at 221-1254 or [cajard@wm.edu](mailto:cajard@wm.edu) for more information or to sign up.

## Ongoing

**Writing Resources Center:** The center, staffed by trained undergraduate consultants, offers one-on-one consultations to undergraduate and graduate students at all stages of the writing process. The oral communications studio, located in the center, assists students preparing for speeches or oral presentations. Located in Tucker 115A, the center hours are 10 a.m.-noon, 1-4 p.m. and 7-10 p.m., Mon.-Thurs.; 10 a.m.-noon and 1-4 p.m., Fri.; and 7-10 p.m., Sun. In addition, the Writing Resources Center at Swem Library is open 2-5 p.m., Sun. Appointments may be made by calling 221-3925 or by visiting the center during the hours listed above. Also, see [www.wm.edu/wrc](http://www.wm.edu/wrc).

## looking ahead

### March 14

**Personal Financial Counseling Sessions with Fidelity Representatives:** Room 220, University Center. To schedule an appointment, call 1-800-642-7131.

**HACE General Meeting:** Michael Stump, director of internal audit, will provide tax updates. 11:45 a.m.-1 p.m., Trinkle Hall. The College Employee of the Month Award will be presented. Hourly, classified, faculty and administrative staff members are invited to attend and bring their lunch. Yearly HACE membership is \$7. Nonmembers attending are asked to contribute \$3 toward ongoing special projects. 221-1791.

### March 16

**Personal Financial Counseling Sessions with TIAA-CREF Representative:** Room 220, University Center. To schedule an appointment, visit the Web site at [www.tiaa-cref.org/moc](http://www.tiaa-cref.org/moc) or call Elzaida Smith at (800) 842-2008, extension 8926.

### March 21

**Muscarella Museum Fourth Annual Wine Tasting:** A yearly event benefiting the museum. Hors d'oeuvres will be served and guests will sample fabulous wines. 7-9 p.m., Fresh Market, Colony Square Shopping Center. Tickets are required and may be purchased by calling 221-2710.

## deadlines

### March 1

**Nominations for the Duke Award:** The Duke Award, an annual award established by Charles and Virginia Duke to honor an exceptional non-student, non-instructional faculty employee, carries a substantial cash prize. Eligible nominees include those who work for one of the College's auxiliary service contractors and may be full- or part-time but must work at least 30 hours per week at the College. The recipient will be announced at commencement and his or her name will appear on a public plaque. Nominations are valid for two years. Nominations should be sent to Kristen Fagan, Office of Administration, College Apartments, First Floor. For additional information, call Kristen Fagan at 221-2742 or e-mail [kdfaga@wm.edu](mailto:kdfaga@wm.edu).

### March 17

**Applications for Summer Service Grant:** The Bionetics Corporation is funding summer stipends of up to \$2,000 to students who volunteer to spend at least six weeks in full-time, community service in Newport News during the summer. Applications are available in the Office of Student Volunteer Services. Completed applications must be returned to that office by 5 p.m. on the deadline date. For information, contact Drew Stelljes at [adstel@wm.edu](mailto:adstel@wm.edu).

## exhibitions

The following exhibition will be on display in the Special Collections wing, Swem Library, 9 a.m.-4:45 p.m., Monday-Friday, and 10 a.m.-1 p.m., Saturdays. 221-4636.

## Through Feb. 23

"Early Colonization of the New World"

Treasures from the library's collections relating to Pocahontas and Capt. John Smith and the colonization of the New World by the English in the 16th and 17th centuries are featured. The exhibit coincides with the nationwide release of the motion picture, "The New World."

## Feb. 20-March 24

The following exhibition will be on display 10 a.m.-5 p.m. weekdays in Andrews Gallery, Andrews Hall. An opening reception will be held on Feb. 28, 4:30-6 p.m. The gallery will be closed March 6-10, for spring break. Admission is free. 221-1452.

### "Impulses: Prints and Sculptures"

This invitational exhibition features contemporary works by printmakers Joseph Beavers, Marie Bukowski, Albina Colden and Elaine Leader and sculptors Kyle Olson and Kathy Puzey.

## Through March 26

The following exhibition will be on display in the Muscarelle 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.

### "Twentieth-Century Tapestries"

The exhibition includes designs by Calder, Picasso, Chagall, Braque, Ernst, Kandinsky, Léger and Matisse.

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.

## sports

### Feb. 16

Women's tennis vs. Duke, 5 p.m.

### Feb. 17

Women's basketball vs. Georgia State, 7 p.m.

### Feb. 18

Men's tennis vs. American, 9 a.m.; vs. Maryland, 5 p.m.

### Feb. 19

Women's basketball vs. JMU, 2 p.m.

Men's gymnastics vs. JMU, 5 p.m.

### Feb. 20

Men's basketball vs. Hofstra, 7 p.m.

### Feb. 24

Men's tennis vs. Texas A&M-Corpus Christi, 7 p.m.

Women's basketball vs. UNC-Wilmington, 7 p.m.

### Feb. 25

Men's basketball vs. VCU, 2 p.m.

### March 2

Women's basketball vs. Drexel, 7 p.m.

### March 10

Women's gymnastics vs. Bowling Green, 7 p.m.

### March 11-12

Men's gymnastics, State Open, 2 p.m. Saturday and Sunday.

### March 12

Men's tennis vs. Harvard, 11 a.m.

Women's gymnastics vs. North Carolina, 2 p.m.

### March 13

Women's tennis vs. Texas, 3 p.m.

### March 15

Women's gymnastics vs. JMU/Towson, 7 p.m.

For information, call Sports Information at 221-3369.



The next issue of the William & Mary News will be published on Thursday, March 16. The deadline for submission of items is 5 p.m. on Thursday, March 9, 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/](http://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 [wnews@wm.edu](mailto:wnews@wm.edu) no later than 5 p.m. on the Thursday before publication.

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## classified advertisements

### FOR SALE

1992 Honda Accord LX: black, 5-speed, 4-door, 196K miles. Excellent condition, all maintenance records. New timing, tires, radiator, many others. \$3,000. Call (615) 210-0567 or e-mail [pjberq@wm.edu](mailto:pjberq@wm.edu).

### FOR RENT

Furnished room in fairly large home, 20 minutes from campus. Walk-in closet, mostly private bathroom. Privileges include use of most of house, including laundry, family room, kitchen. Available to responsible person. \$450/mo., utilities included. Call 564-7465 or e-mail [marktsink@cox.net](mailto:marktsink@cox.net).