

# WILLIAM & MARY

## NEWS

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A NEWSPAPER FOR FACULTY, STAFF AND STUDENTS

THURSDAY, AUGUST 20, 1998

# Heroes, Teachers, Leaders

*From overcoming a life-threatening illness to studying the earth's ozone layer, members of the Class of 2002 bring a wealth of experiences and potential*

**B**y almost any statistical measure, the Class of 2002 is one of William and Mary's best. More than half of the incoming class held a student body or class officer position in high school. Three-quarters of the students finished in the top 10 percent of their high school classes. And of the 1,290-odd freshmen, a record 172 are Monroe Scholars.

With the Class of 2002, the College also welcomes its most geographically diverse freshman class, representing 48 states. Out-of-state students constitute 39 percent of the class, one of the highest levels in recent years, and are academically among the best to come from outside of Virginia.

As a result of more aggressive recruiting and favorable coverage in national publications, the College benefited this year from a 5-percent rise in the number of applications, according to Dean of Admission Virginia Carey. William and Mary, she said, was particularly successful in presenting the strength of its science offerings to in-state students.

"Our efforts to attract would-be engineers away from traditional science-focused institutions paid off this year," said Carey. "We had an especially positive response from in-state students interested in science careers who hadn't previously considered a broad-based liberal arts education."

Appreciating fully the diversity of skills, talents and experiences of the latest additions to the College family requires going beyond the statistics. The following profiles highlight the lives of five men and women replete with achievement and tremendous potential.

### Soccer Standout Wins Biggest Game Of His Life

Once Caleb Stoddart finally pared down his list of soccer suitors last winter and settled on William and Mary, he figured the tension was over.

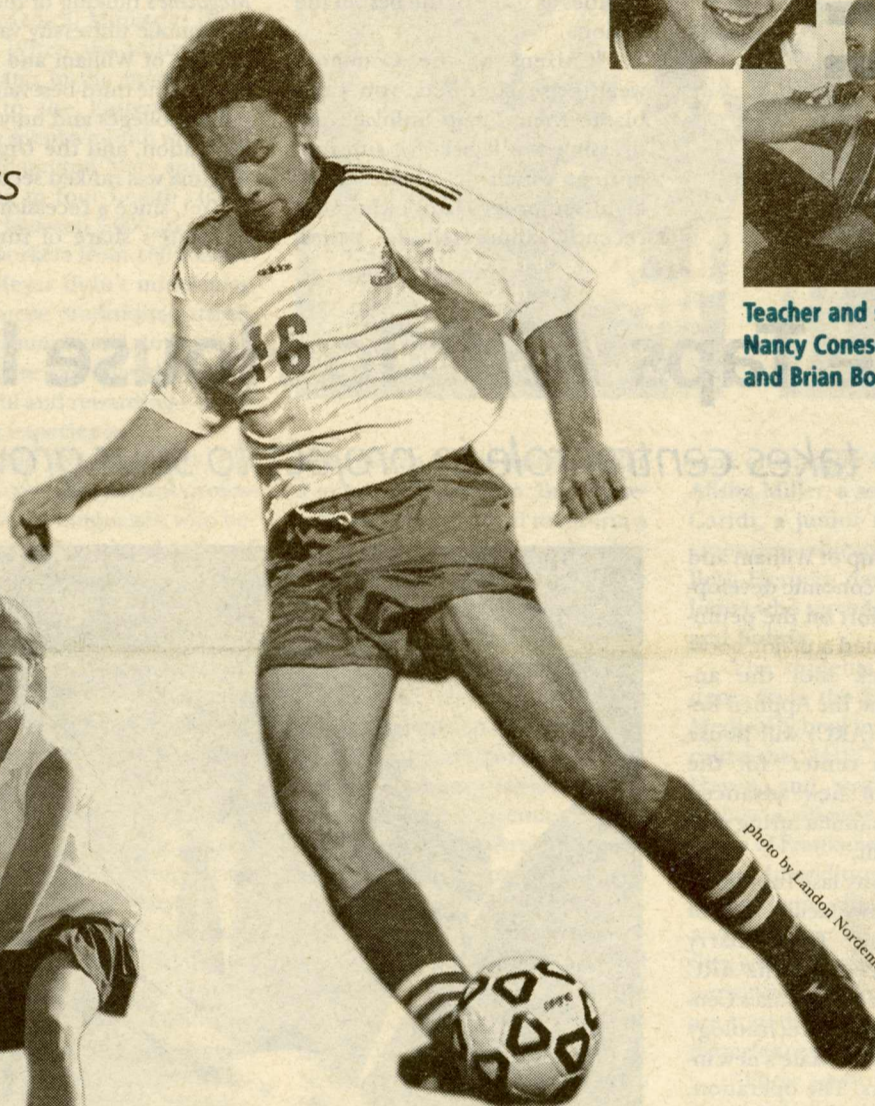
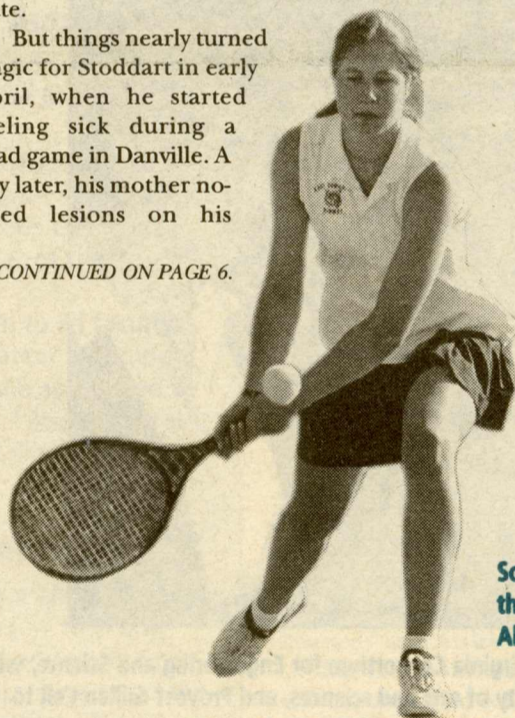
All his hard work on the field and in the classroom had paid off with a scholarship to a college he calls "perfect for me. It has a great reputation academically, a great soccer program and it's close to home. What more can you ask?"

With his future secure, the Charlottesville, Va., native thought nothing could

keep him from enjoying his senior season at Albemarle High School, where he had steadily built a reputation as one of the finest midfielders in the state.

But things nearly turned tragic for Stoddart in early April, when he started feeling sick during a road game in Danville. A day later, his mother noticed lesions on his

CONTINUED ON PAGE 6.



Soccer standout Caleb Stoddart nearly had his career in the sport cut short by a life-threatening blood illness. At left, a tennis player and active volunteer in high school, Allison Piper was drawn to William and Mary by its tradition of public service.



Teacher and scientist: Nancy Conescu (above, left) and Brian Borne.

### Former U.S. Attorney General To Welcome Freshmen

**F**ormer U.S. Attorney General William P. Barr will address members of the Class of 2002 at William and Mary's annual opening convocation on Friday, Aug. 28. The ceremony—which marks the traditional opening of the academic year—is scheduled for 4 p.m. in the Wren Yard. All members of the College community and the public are invited to attend.

"Under three United States presidents, William Barr set a high personal standard for public service, which is also one of the College's long-standing commitments," said President Timothy Sullivan. "I can think of no one better qualified to inspire young people to undertake community service during their college years, and to develop a lifelong habit of helping others."

Currently executive vice president for government and regulatory advocacy and general counsel of GTE Corporation, Barr

is a member of the William and Mary Board of Visitors. His daughter, Mary Katherine Barr, is a member of the class of 2000.

President George Bush appointed Barr attorney general, a post he held from 1991 to 1993. During his public-service career, Barr held a variety of other government posts, including deputy attorney general, assistant attorney general in charge of the office of legal counsel, member of the White House domestic policy staff, Central Intelligence Agency analyst and assistant legislative counsel, and U.S. Court of Appeals law clerk.

In his current position, Barr provides legal advice to GTE's senior management and the board of directors, leads the legislative and regulatory advocacy activities for GTE and all of its corporate operating units and directs the activities of the legal department and the government affairs staff in Washington, D.C.

GTE is one of the largest publicly held telecommunications companies in the world. In the United States, GTE offers local and wireless service in 29 states and long-distance service to all 50 states. The company serves 6.5 million customers outside the country. GTE is also a leader in government and defense communications systems and equipment, directories and telecommunications-based information services and aircraft-passenger telecommunications.

Barr received bachelor's and master's degrees from Columbia University in 1971 and 1973, and in 1977 was awarded his *Juris Doctor* with highest honors from George Washington University. ■



Barr

## Top Colleges At Risk Without Full Funding, President Tells Legislators

If Virginia wants its colleges and universities to remain national leaders in public higher education, the Commonwealth will need to invest more in these academic institutions, President Timothy Sullivan told the Joint Subcommittee on Higher Education Funding Policies on Aug. 14.

Sullivan, speaking as chair of the Virginia Council of Presidents, said Virginians must resist being lulled into financial complacency by publications that routinely rank Virginia's state colleges and universities as some of the best in the nation.

"Citizens of the Commonwealth are confused; you can't blame them," said Sullivan, addressing the legislative subcommittee, which is composed of eight senior legislators who were recently appointed to review

higher education funding policies. "Virginia has the best system of higher education in the nation. No other state comes close.

"On the other hand, some college presidents have suggested that Armageddon is just around the corner," he warned. "Never have our colleges been better prepared to teach the next generation; never has the future of higher education been at greater risk."

Virginia, for example, recently placed five colleges among the top 25 in *Kiplinger's Personal Finance Magazine's* ranking of the nation's best public university values. The College of William and Mary was listed as the third-best value among public colleges and universities in the nation, and the University of Virginia was ranked second.

Yet, since a recession in 1990, the state's share of funding for

full-time students in Virginia's four-year public schools has fallen below the national average. In fact, the proportion of funding for Virginia's public colleges and universities that comes from the state has declined an average of 11 percent per year since 1989. Public funding for comparable institutions across the country has increased an average of 15 percent each year since 1989.

"If we fail to build a firm foundation beneath Virginia's colleges and universities, Virginia's 273,000 ten-year-olds who look forward to receiving a first-rate education will be gravely disappointed," Sullivan said. "A decade from today, Virginia's colleges and universities will resemble those of today in name only."

Taxpayers now spend more than \$1.3 billion a year on higher

education, and parents and students contribute an additional \$1 billion in tuition and fees. Tuition increases, however, are not likely to be a saving grace. Tuition for Virginia students has been frozen since 1996, and tuition for out-of-state students has been increased to the point where some colleges are nearly pricing themselves out of the market, Sullivan said.

Sullivan also cautioned against replacing state dollars with private funds. "To do so is the quickest and surest way to kill the spirit of giving that can provide the margin of excellence," he explained.

The president did not request a specific increase in funding but noted that state schools have \$112.5 million in unmet financial aid for student, and a \$300-million

CONTINUED ON PAGE 7.

## State Taps ARC To House Innovation Center

College takes central role in project to spur growth of high-technology businesses

The flagship of William and Mary's economic development effort on the peninsula earned a major boost last week with the announcement that the Applied Research Center (ARC) will house an "innovation center" for the development of new advanced materials and manufacturing processes using light.

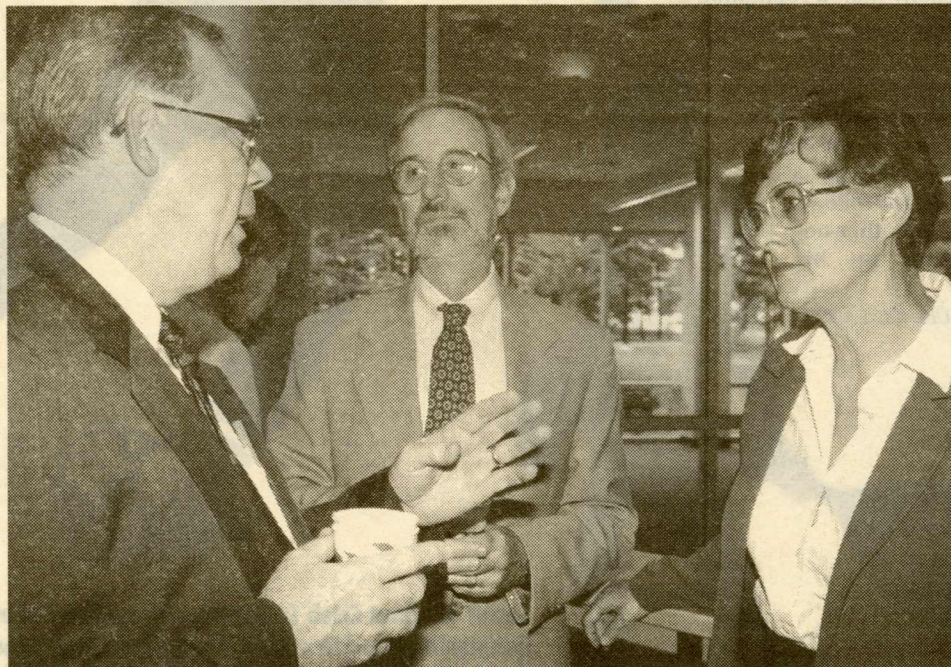
In a ceremony last Tuesday at the Newport News facility, Sec. of Commerce and Trade Barry DuVal announced that the ARC has been chosen by Virginia's Center for Innovative Technology (CIT) for one of the state's new innovation centers. The operation, which will be called the Center for Plasma and Photon Processing and led by CSX Professor of Applied Science Dennis Manos, will provide developing high-technology businesses in the area with access to expertise and advanced analytical equipment.

Nearly a dozen locations around Virginia vied for the opportunity to host the center, billed by Manos as a "powerhouse to create jobs in exciting new areas." Over the next five years, the state will funnel up to \$2 million to the center.

Manos predicted the center will position the ARC as a center of technology development and commercialization unparalleled in Virginia.

"This new support infrastructure for industry will generate new companies, enlightened competition, increased jobs and enhancement of the Commonwealth's tax base," said Manos, who also serves as director of the ARC.

Like the ARC, the Center for Plasma and Photon Processing is a partnership among William and Mary, Christopher Newport Uni-



David Chestnutt (left), executive director of the Virginia Consortium for Engineering and Science, will be working with Geoffrey Feiss, dean of the faculty of arts and sciences, and Provost Gillian Cell to develop educational programs around the Center for Plasma and Photon Processing.

versity, Norfolk State University, Old Dominion University, Virginia Tech and the Thomas Jefferson National Accelerator Facility.

Research undertaken at the center will focus on finding ways to improve the manufacturing processes associated with "smart cards," cellular phones, advanced sensors and other materials—technologies that are widely used in the aerospace, automotive, marine, semiconductor and biomedical industries. Developing applications for the Free Electron Laser, the world's highest power tunable ultraviolet laser, located at Jefferson Lab, will be one of the center's major roles.

In addition to the benefits for high-technology businesses in Virginia, the center will also provide educational opportunities for stu-

dents from universities in the consortium. The Virginia Consortium for Engineering and Science is heading up this initiative with Manos and ARC faculty.

The ARC was selected to host the innovation center following an extensive review process over several months that included site visits from businesses interested in its potential use. The center is expected to begin operation next month.

The state has undertaken a concerted campaign in recent years to leverage the resources of its public universities in support of high technology business development. In "Virginia's Blueprint for Technology-based Economic Growth," business and regional groups called for the creation of centers to support the needs of developing high-tech-

nology businesses such as the Center for Plasma and Photon Processing.

The new innovation centers are the second phase of a CIT program called Technology Development Centers. Since 1986, 13 "first-generation" technology centers have been funded. In 1996, six centers generated 17 spin-off companies, more than 700 jobs and nearly \$50 million in revenues and capital for their partner companies, according to CIT.

In addition to the center at the ARC, two other innovation centers were announced earlier this month, at James Madison University and the University of Virginia focusing on 21st-century manufacturing and Internet technology. ■

by Poul E. Olson

### College-Wide Faculty Meeting Sept. 4

The annual College-wide faculty meeting will be held on Friday, Sept. 4, at 4 p.m. in Ewell Recital Hall.

The president will speak about issues in Virginia higher education, and the provost will examine the age of distance learning.

A party in the Wren Yard follows. Spouses are invited to attend.

### campus crime report

July 1998

#### crimes

##### Larceny

From motor vehicles	1
From buildings	3
From coin-operated machines	1
All other	2

##### Burglary

Unlawful entry	1
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#### arrests

Weapons possession	1
Driving under the influence	2
Drug abuse violations	1
Miscellaneous	1
Summons (traffic)	55

# MAKING HEADLINES

## A Best Value And A Hot School: W&M Shines In Fall Guides

The annual fall flurry of college guides has begun to appear and William and Mary ranks high on both of the first two published listings, of best values and "hot schools."

The September issue of *Kiplinger's Personal Finance Magazine* ranks William and Mary as the nation's third best value among state universities. In compiling its list of the top 100 values, the magazine examined 580 public four-year colleges and universities on criteria such as SAT scores for incoming freshmen, in-state tuition, financial aid and the costs of room and board. The University of North Carolina, Chapel Hill, was No. 1 followed by the University of Virginia. This is the first year that *Kiplinger's* has listed the top 100 values.

In the 1999 edition of *Newsweek's* guide "How To Get Into College," William and Mary appears on a new listing called "Hot Schools." William and Mary appears along with Yale and Cornell Universities, the University of Chicago and Bryn Mawr College. *Newsweek* notes that the "oldest public college" is "keep[ing] to its mission."

## Black Alumni And Student Day Aug. 29

The first African American to receive a doctorate from the College will be the featured speaker at Black Alumni and Student Day on Saturday, Aug. 29.

Carolyn Hines (M.Ed. '72, Ed.D. '78) is president of the consulting and training firm C&W Associates Inc. and has served as vice rector of the Board of Visitors of Christopher Newport University and as a member of the Board of Directors of NationsBank.

Black Alumni and Student Day is open to all faculty and staff. The day includes sessions on career planning and financial and time management and is sponsored by the Hulon Willis Association, the Office of Multicultural Affairs and the Office of Career Services. For more information call Nancy Scogna at 221-1204.

## In Memoriam: Judge Russell Carneal

Russell M. Carneal, retired circuit judge and member of the William and Mary Board of Visitors in 1959 and 1960, died on July 27 at the age of 80. In addition to his 16 years of service on the bench, Carneal represented the 51st District in the House of Delegates during 1954-73. Funeral services were held on July 30 at Walnut Hills Baptist Church and burial took place July 31 in the Mount Comfort Cemetery in Alexandria. Memorial contributions may be made to the James City County-Bruton Volunteer Fire Department, P.O. Box 382, Toano, VA 23168.

## Labor Day Holiday Sept. 7

The College of William and Mary and the Virginia Institute of Marine Science will observe Labor Day on Monday, Sept. 7. Classes will be held as scheduled.

Most of the administrative offices and the plant department will be closed. The decision to require employees to work should be made by the dean, director or department head, as appropriate, and should be communicated to the employee(s) as soon as possible. The Campus Police Department will maintain its regular schedule.

The names of permanent classified employees who are required to work must be reported in writing to the Office of Personnel Services no later than Sept. 16. Hourly employees who are required to work during the holiday will be paid their regular hourly rates.

## public service

# Interpretive Healing

Spanish students spend summer translating in health clinics on Eastern Shore and in Honduras

**M**artina Meyer's summer was no day at the beach.

In mid-July, the William and Mary Latin American Studies major flew to Honduras, where she worked as a translator with Professor Jonathan Arries for a team of ophthalmologists sponsored by Medical Ministries International. When she returned to Virginia later in the summer, she traveled to the Eastern Shore, where she spent a month with four other William and Mary students translating in four health clinics that serve between 3,000 and 5,000 migrant workers from 100 camps.

But Meyer didn't mind missing the more traditional attractions of summer at all. In fact, she describes the past several weeks as "wonderful and rewarding—a life-changing experience."

The two programs are the work of Arries, an assistant professor of modern languages, who believes in the educational value of combining classroom instruction with public service and real-world experiences.

"It puts the students in a situation where they have to draw on all of their skills, including the second-language skills they have learned in class," says Arries. "It changes the way they look at course content while combining the service and learning component we stress at William and Mary."

Meyer would certainly second that notion. In Honduras, she and Arries lived in primitive conditions with no air conditioning and, in Meyer's words, "the biggest roaches you've ever seen." Translating for doctors who saw between 100 and 200 patients a day, they were so tired by 6 p.m. that "we just staggered out, totally exhausted," said Arries.

But Meyer said the work was exhilarating—and sometimes depressing. She remembers the joy of telling a mother that she would see



Martina Meyer spent a week in Honduras as a translator in a health clinic. She is shown here with two patients.

her children for the first time after a successful operation. But she recalls, too, how she had to inform a family with seven children that they would all go blind one day because of a genetic retinal disorder.

While Arries and Meyer received no compensation for their work, their travel and lodging were underwritten by a grant from the VaCool Foundation.

The summer program on the Eastern Shore is an independent study course that Arries created and based on his own public service experiences. Offered for the first time this summer by the modern languages department, it will appear as a formal course in the College catalog next year under the title "Internship: Spanish Medical Interpretation and Translation."

While on the Eastern Shore, the students kept personal journals and then wrote papers—in Spanish—when they returned to William and Mary to earn three credit hours. Besides Meyer, those participating in the program were Rebecca Wolford, who will begin

work on a master's degree this fall; Alisha Miller, a sophomore; Britt Caridi, a junior majoring in elementary education; and junior Beth Herbert, daughter of a diplomat who served in both Mexico and Bolivia.

The students lived with students from the Eastern Virginia Medical School in an old mansion called the "AHEC House" in Belle Haven and worked in clinics within a 50-mile radius in the towns of Franktown, Onley and Atlantic. In addition to their translation work, they wore beepers and were on call to do whatever they were asked to do by the clinic personnel. In the evenings, they ate together and discussed their experiences during the day.

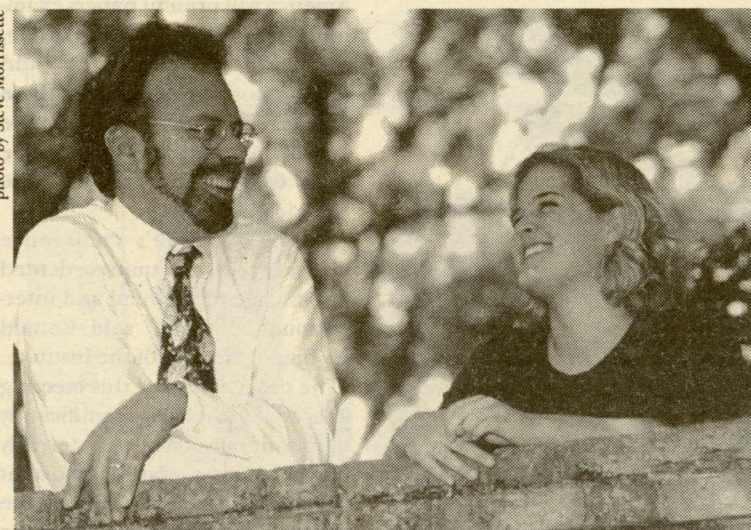
"Their work was very much appreciated by both the medical staff and patients," says Arries, who adds that "they had an outstanding experience." The migrants come primarily from Mexico but included Haitians and other Central Americans as well, who harvest tomatoes and other crops.

Arries traveled to the Eastern Shore four times this summer to see how they were doing. That kind of interest was not unusual for Arries, according to Meyer, who says that "he has the programs very well planned."

"In Honduras, he would ask every day what I had learned," says Meyer, who added that "he's as much concerned about the experience as about the paper we have to write."

Busy as the two programs have kept him, they are not the only activities that have kept Arries going this summer. After classes were finished this spring, he took 15 students to Mexico for six weeks as director of the first William and Mary international summer study program in that country. ■

by S. Dean Olson



Beth Herbert was among five students of Professor Jonathan Arries (left) who spent the summer translating Spanish in health clinics on the Eastern Shore.

## campus news

# State Adds Disability Benefit, Family And Personal Leave

*College will not pursue own leave system*

Classified employees will have the opportunity beginning Jan. 1, 1999, to opt into a new sickness and disability program approved this spring for all state workers by the General Assembly.

The new program, which does not affect annual leave benefits, follows the recommendations of a state task force that identified the lack of disability benefits as a major weakness in the existing classified employee system. Currently, employees who are incapacitated for an extended period because of illness have to draw entirely on their sick or annual leave. When all of this time has been exhausted, employees either have to go on leave without pay or resign.

"If you have a long-term disability under the current system, you hope that you have enough leave built up to cover you while you're out," said Nancy Nash, interim director of personnel services. "This system especially hurts new employees who have little leave accumulated."

The new sickness and disability program provides income protection for employees after seven calendar days for short-term disability situations and continues for up to 180 days, at which point long-term disability goes into effect for an indefinite period of

time. Depending on an employee's length of service and the duration of the disability, the state will pay from 60 to 100 percent of his or her income.

Employees who enroll in the new program and have accumulated sick-leave balances under the current system will have two choices as to how they apply those days. They can either have the hours converted to Virginia Retirement Service (VRS) service credit at a rate of one month of service credit for every 173 hours of sick leave, or they can apply the hours to disability credit to extend the number of days for which they will be paid 100 percent of their income during disability.

If an employee chooses to apply a balance to disability credit, one hour of sick leave will equal one hour of disability credit. Any balance remaining at retirement or after leaving state service will be paid to the employee based on 25 percent of the hourly equivalent wage, up to \$5,000.

In an effort to help employees on disability return to work, the state has included a number of rehabilitation incentives in its new program. For those who choose not to participate in a rehabilitation program, disability benefits are reduced by 50 percent.

Changes to the state leave sys-

tem also include the addition of a new category of family and personal leave. Employees with fewer than 10 years of service will receive four days per year while those who

The new sickness and disability program provides between eight and 10 days of sick leave and family and personal leave each year, depending on service. Neither unused sick leave nor family and personal leave may be carried over from one year to the next.

Full-time classified employees must decide between Jan. 1 and March 31, 1999, whether to enroll in the sickness and disability program. The new benefits take effect for individual employees 30 days after enrollment. Employees who have not enrolled in the new program by March

31 must stay in the existing system for the remainder of their employment. Employees may not opt out of the new system once they enroll. All hires after Jan. 1 must take part in the new program.

Because enrollment in the new program is optional for current employees, the personnel office will have to track two systems for the foreseeable future.

The state's new sickness and disability program addresses many

of the recommendations put forth by the College's Business Process Reengineering (BPR) team in its proposed Paid Time Off (PTO) program. For this reason—and because the Virginia Department of Personnel Training has recently decided not to accept pilot proposals from state agencies—Vice President for Management and Budget Sam Jones said William and Mary will not implement its own leave system as originally hoped. The College, however, is moving ahead with the centerpiece of the BPR team's plan, an automated leave and time reporting system that will be part of an integrated financial, student and human resource system.

Personnel department staff will be attending training sessions over the next several months to acquaint them more fully with the state's new sickness and disability programs. Nash said additional information will be passed on to employees as it becomes available.

"Unless you have been in state service for 30 years and have a ton of sick leave accumulated, most all classified employees will want to enroll in this new program," said Nash. "This is a win-win situation for everyone." ■

by Poul E. Olson

**"[Family and personal leave] provides much more flexibility in taking time off for reasons that don't fall neatly under sick or annual leave."**

— Nancy Nash

have been in state service longer will receive five days annually.

"This new benefit provides much more flexibility in taking time off for reasons that don't fall neatly under sick or annual leave," explained Nash. "The state has left the criteria for taking these days somewhat vague to encourage employees to schedule the day in advance rather than use their sick leave for reasons other than illness."

## Scholars To Examine Three Centuries Of Slave Trade

Three centuries of the slave trade and the global scattering of African population and culture will be the subject of an academic conference organized by the College of William and Mary. The Omohundro Institute of Early American History and Culture will host "Transatlantic Slaving and the African Diaspora: Using the W.E.B. Du Bois Institute Dataset of Slaving Voyages," in partnership with the W.E.B. Du Bois Institute of Afro-American and African Studies at Harvard Univer-

sity, Sept. 11 to 13. The conference will be held in the Lane Auditorium at the historic Bruton Heights School in Colonial Williamsburg's Bruton Heights School Education Center.

During the three-day conference, participants will examine how crucial records of more than 27,000 slaving voyages between 1588 and 1867—released this year

on CD-ROM by the Cambridge University Press—can help scholars to characterize slave experiences and thereby reassess the impact of the transatlantic slave trade on four continents. The database is the most extensive record to date of the slave trade, said Professor of History and conference co-chair Philip Morgan.

Scholars from Africa, the Caribbean, Latin America and North America will present papers examining the volume of the trade, shipboard experiences, age and sex composition of slaves on these voyages, resistance among slave populations and the impact of the slave trade on Africa and the Americas.

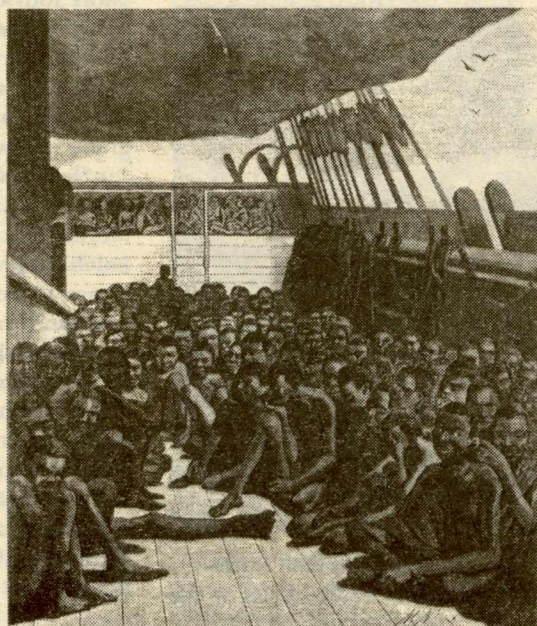
"The Institute's conference brings together an unprecedented assemblage of national and international scholars," said Ronald Hoffman, director of the Institute. "The proceedings of this meeting are certain to advance significantly our understanding of a terribly brutal, extraordinarily important chapter in western history, the consequences of which continue to influence the evolving character of Africa, Europe and the Americas."

For more than 300 years approximately 11 million slaves were taken from Africa to the Atlantic World, which includes North and South America and Europe; between 400,000 and 600,000 were brought to the United States. As many as 3 million were taken to Brazil. Mediterranean countries and the Indian subcontinent also participated in the slave trade.

"The trade enriched western civilization because of its economic importance and the cultural contributions that resulted from the mixing of so many traditions, but it also compromised the humanity of all of the peoples—black and white—whose lives became entangled with it," Hoffman said.

Founded in 1975, Harvard University's W.E.B. Du Bois Institute for Afro-American and African Studies is the nation's oldest research center dedicated to the study of the history, culture and social institutions of African Americans. The Institute is named for historian and writer W.E.B. Du Bois, the first African American to receive a doctorate from Harvard. ■

by Amy Ruth



The Africans of the slave ship *Wildfire*, 1860. The original is a wood engraving from a daguerreotype, courtesy of the Library of Congress Prints and Photographs Division.

### WILLIAM & MARY NEWS

The next issue of the *William & Mary News* will be published on Thursday, Sept. 3. Deadline for submission of items is 5 p.m. on Friday, Aug. 28, although submissions before the deadline are encouraged. Call 221-2639 with any questions or concerns. For questions about classified advertising, call 221-2644. Ads are only accepted from faculty, staff, students and alumni.

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

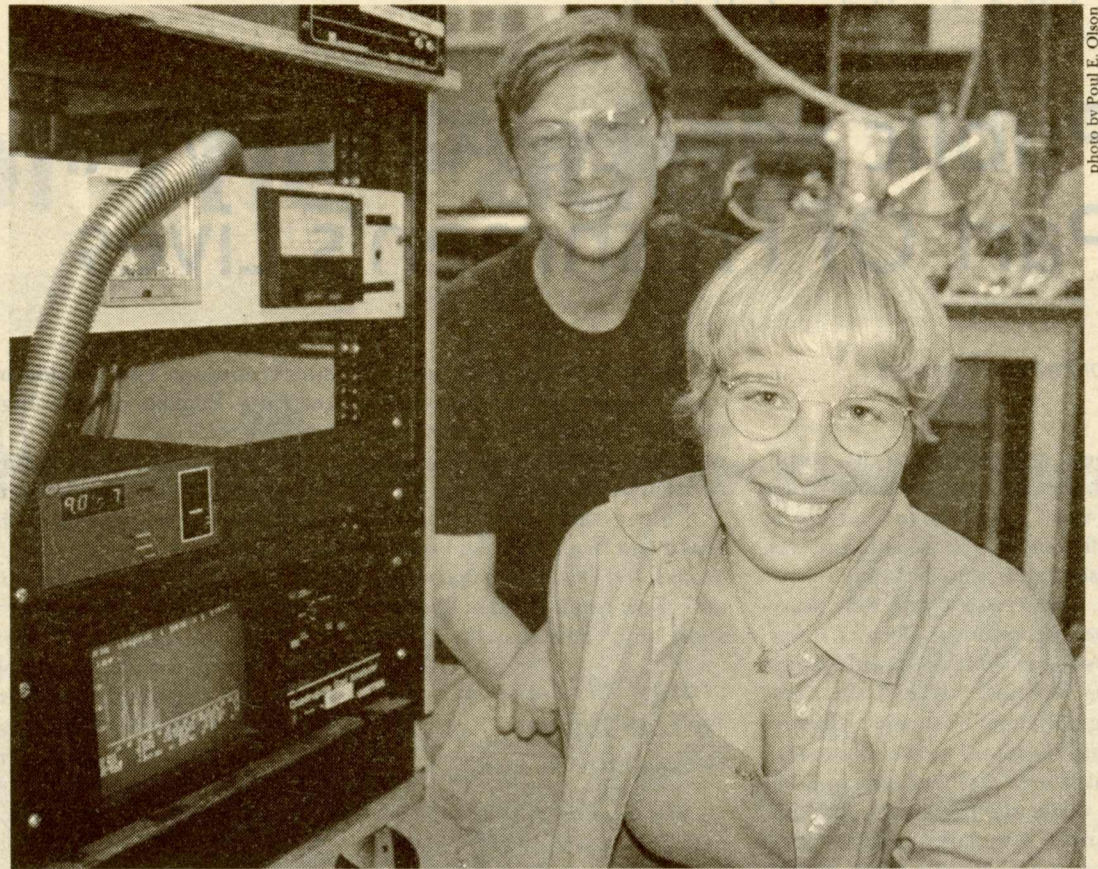
News items and advertisements should be delivered to the News office in Holmes House, 308 Jamestown Rd. (221-2639), faxed to 221-3243 or emailed to [wmnews@mail.wm.edu](mailto:wmnews@mail.wm.edu), no later than 5 p.m. the Friday before publication.

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## applied science

# Physics Experiment Flies High

*Students look for pollutants from high-speed aircraft in the upper atmosphere*



David Leichtman and Ruth Van de Water will use this modified mass spectrometer to analyze the air samples for pollutants emitted by high-speed, high-altitude aircraft.

**T**wo undergraduate physics students expect to begin tomorrow analyzing air samples taken from a NASA research balloon to determine whether exhaust from high-altitude, high-speed aircraft such as the Concorde is affecting the upper atmosphere.

The experiment is part of a larger project sponsored by NASA to provide students from William

and Mary and several other universities in the Tidewater area with the opportunity to design and to manage a science experiment around a NASA research balloon.

If weather permits, the helium-filled balloon carrying the students' experiment will be released Friday morning at 6:30 from NASA's Wallops Island Flight facility on the Eastern Shore and will rise to an altitude of 90,000 feet, or 17 miles. At designated intervals between 65,600 and 71,350 feet, eight stainless steel canisters will open to collect samples of the atmosphere.

After a three- to four-hour flight, an electronic signal will cause the balloon to deflate and a parachute to deploy, allowing the 100-pound gondola with the students' experiments to fall back to the ground for retrieval.

The air that will be tested by seniors David Leichtman and Ruth Van de Water, the students who planned and organized the William and Mary experiment with CSX Professor of Applied Science Dennis Manos, sits immediately below the earth's protective ozone layer in the lower stratosphere. Scientists know very little about the dynamics of the atmosphere at that altitude, where the temperature reaches as low as 100 degrees below zero and the air pressure is barely a fraction of what it is at the surface.

"The heavy hydrocarbons, nitrates and sulfates contained in plane exhaust react in unknown ways when they are exposed to those conditions," said Leichtman. "We not only don't know if they are accumulating at the level of the atmosphere, but if and how they are interacting with it."

Scientists speculate that, unlike pollutants emitted from conventional low-flying jet aircraft—which are believed to "wash out" of the atmosphere—exhaust discharged at high altitudes may not filter out.

"When you get pollutants at high levels of the atmosphere, they are probably not leaving," said Leichtman.

Only a handful of aircraft, including the Concorde and NASA research and military spy planes, fly at the altitudes where Leichtman's and Van de Water's air samples will be taken. Given these small numbers, Leichtman said, the discovery of any man-made pollutants even at low concentrations would be considered significant.

"There haven't been many of these planes flying up there for very long," he said. "So we may have something to worry about if gases in their exhaust are staying there."

NASA scientists, who have been working with the students throughout the summer on the project, are interested in their findings to ascertain the potential effects of the widespread use of high-altitude, high-speed aircraft. The space agency is currently working with the aviation industry to develop such a plane for commercial production within 20 years.

Taking the air samples is only part of the challenge for Leichtman and Van de Water in determining the presence of pollutants. Because of the disparate

effects of air pressure on materials at the surface and at 70,000 feet, the students have also had to study the canisters that they will use to take the air samples.

"At such low pressures, the steel in these canisters emit gases," explained Van de Water. "We have to ensure that we account for these residual gases in our final analysis of the air samples."

The results of a similar experiment conducted by William and Mary students at Wallops Island three years ago were inconclusive because of suspected contamination from the canisters.

For this reason, time will be of the essence once the gondola returns to the ground. Within minutes of the retrieval, the students plan to begin analyzing the air samples using a modified mass spectrometer, which they have spent much of the summer calibrating.

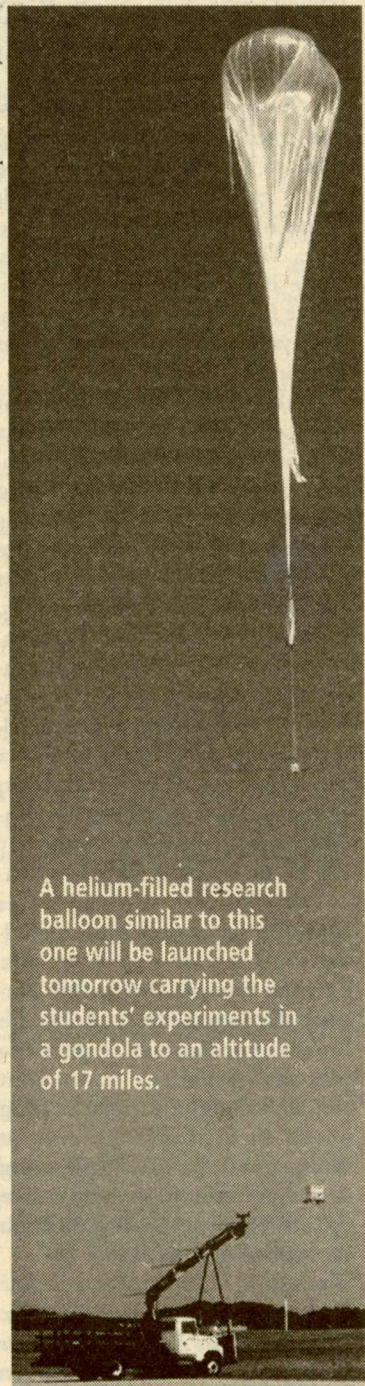
In addition to exhaust gases, Leichtman and Van de Water's analysis may reveal the presence of other materials previously not identified at that altitude. "We hope that we won't find things that aren't supposed to be there," said Leichtman.

After taking the air samples at 70,000 feet, the polyethylene balloon will continue its 1,000-feet-per-minute ascent to 90,000 feet, where a second experiment, developed by six Hampton University students, will be conducted to test the effectiveness of a high-resolution camera for environmental monitoring. High resolution photos taken by the camera as well as video of the launch may be viewed in real-time tomorrow morning on the World Wide Web at <http://ixcab2.larc.nasa.gov/killough/vsgc/>.

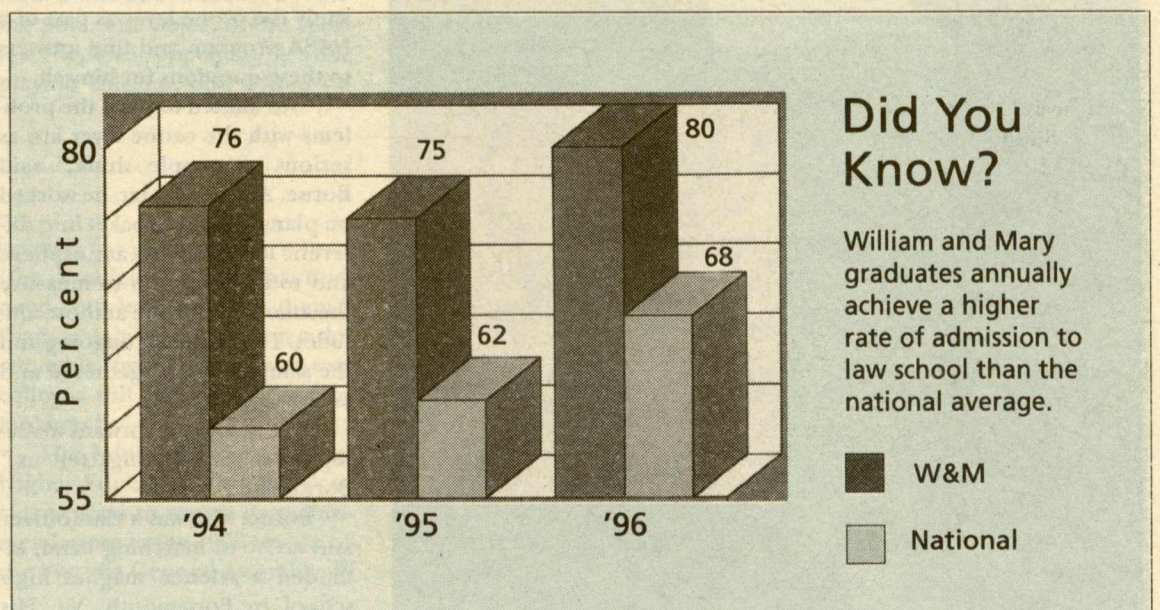
In addition to the two William and Mary students, more than 40 others from Hampton University, Old Dominion University and Tidewater Community College were involved in the design and preparation of the balloon and the experiments. NASA and the Virginia Space Grant College Consortium, which includes William and Mary, underwrote the \$70,000 cost of the balloon launch, which has been delayed twice due to bad weather and equipment problems. ■

by Poul E. Olson

photo courtesy NASA



A helium-filled research balloon similar to this one will be launched tomorrow carrying the students' experiments in a gondola to an altitude of 17 miles.



class of 2002

# Public Service Already An Integral Part Of Freshmen's Lives

CONTINUED FROM PAGE 1.

chest, and he went to the hospital, where he was diagnosed with a rare bloodstream infection called meningococemia and was rushed to intensive care.

The next few days were scary ones. According to doctors, it was possible the infection could creep into his spinal cord or brain, causing permanent damage or death. Had the lesions grown worse, amputation of his feet was an option.

Even with those worst-case scenarios, Stoddart was primarily concerned with one thing: Would he play soccer again?

"I asked about it all the time," he said. "They just said that it would take some time."

As it turned out, it took less than five weeks. With his condition rapidly improving, he was out of the hospital in two weeks, on his feet a week later and back on the field shortly after that. He ended up scoring goals in all five of Albemarle's playoff games, leading the Patriots to the state quarterfinals.

While in the hospital, Stoddart received a card signed by ev-

ery member of the Tribe soccer team. Now he's with his new teammates in Williamsburg, working out with a passion for soccer that no bacteria could snuff out.

"You realize how much you miss it and how much you love it," he said. "I'd never spent that much time away from the game before and I hope I never have to again."

## From The Crescent City To The Banks Of College Creek

Few entering freshmen come to William and Mary with teaching experience, but Monroe Scholar Nancy Conescu has spent more time dealing with students than many newly minted instructors. In her four years at Metairie Park Country Day School in the suburbs of New Orleans, she mentored kindergarten students, helped sixth-graders with writing and instructed youngsters at the creative arts camp. This summer, Conescu taught sculpture to kids at the New Orleans Contemporary Arts Center and tutored others in French.

And what does the freshman want to do with her life? The an-

swer is obvious: "I am considering teaching English on the high-school level."

She hopes, in fact, to use her ample talents—in art, poetry and ballet—to enliven classes for future students.

By all accounts, Conescu is incredibly creative. Although she no longer dances, she is quite active in sculpting and writing. From polymer clay, she designs striking purses and compacts that look as if they came out of the pages of *Vogue*.

The New Orleanian's achievements in creative writing are just as impressive. She has already placed three of her poems in national poetry journals and was co-editor of *Dice*, Metairie Park's literary magazine. Last summer, her writing ability came in handy when she served as copywriter at the Odwalla Juice Company in Half-Moon Bay, Calif.

As might be expected, Conescu was recruited by several institutions, including Tulane University and Franklin & Marshall and Vassar Colleges. She chose William and Mary after coming to Williamsburg for the Monroe Scholars Weekend.

"When I got off the plane in New Orleans," Conescu recalled, "I told my parents that my mind was made up. I loved the history of the campus and the friendliness of William and Mary students."

She is so enthusiastic about the College that she has prepared her own "count-down calendar," with a big circle around the date when the family car leaves the Crescent City for the banks of College Creek.

## Excellence Of Faculty Draws Aspiring Scientist

The state of the ozone layer is a frequent topic in the news. But do we really know how accurate the information is? Should we be concerned or do the stories exaggerate the problem? Freshman and GTE Scholar Brian Borne has already had the opportunity to study the ozone layer as part of a NASA program and find answers to these questions for himself.

"We wanted to see if the problems with the ozone layer are as serious as people think," said Borne. As team leader, he worked on plans to send a rocket into different levels of the atmosphere and to take samples to measure the amount of ozone at those altitudes. The project is ongoing and the samples will be gathered and analyzed in the fall.

"We're looking forward to seeing what the readings tell us," Borne said.

Borne, who was a class officer and active in marching band, attended a science magnet high school in Portsmouth, Va. His

school was among four in the country chosen to participate in the NASA program. "It was a great honor to be chosen to work in the program and a rare opportunity," said Borne.

Part of Borne's GTE Scholarship is a summer research grant, which he plans to use later at William and Mary. Borne isn't sure whether he wants to be a research chemist or a biochemist and work in medical research, but getting his doctorate is definitely in his long-term plan.

Borne first became interested in William and Mary when he attended an open house sponsored by the Black Student Organization. He followed that up with a visit to the campus with his aunt, Alma Hughes '75.

Borne said that he chose William and Mary because of the reputation of the College and particularly of its faculty. "I feel William and Mary is highly respected both inside and outside of Virginia. The faculty has the reputation of being involved with the students, and they can help me make the connections I'll need to go on and get a Ph.D."

## Continuing The Pursuit Of Community Spirit

Community has always been important to Allison Piper. The entering freshman hails from Presque Isle, Maine, a small agricultural community 12 miles from the Canadian border. Here, community spirit is something of a pastime.

When Piper and the other members of her high school's basketball team made it to the state tournament last year, about 5,000 hometown fans (half of Presque Isle's population) traveled three hours to the tournament to root for their team. When the team won the state title, the townsfolk took up a collection to buy each player a state championship jacket.

So when it came to selecting a college, it was no surprise that Piper looked for the same kind of community spirit that unites her hometown.

"It's a very small community, and it's really close-knit," she said. "It's really neat to live in a place where everyone knows each other. That means a lot to me."

When it came down to the final decision, Piper chose between William and Mary and Cornell University.

"I like the size of William and Mary," Piper said. "It's large enough that it offers a lot of activities but small enough that you can really get to know people."

Piper was also drawn to the tradition and spirit of community service on campus. In Presque Isle, she was involved with the Special Olympics, community clean-

ups and the Kiwanis Club and volunteered as a mentor and tutor at the local elementary school.

A three-team captain in basketball, tennis and soccer in high school, Piper hopes to participate in intramural sports on campus. While her concentration is still undecided, she is leaning toward computer science.

Piper said that one thing, however, is certain: "I'm looking forward to new experiences, meeting people with different perspectives and seeing new things."

## Alaskan Looks For New Adventures

Ross Johnston accepts the fact that he'll have to make a few sacrifices coming from Anchorage, Alaska, to attend William and Mary. Winter recreation is limited and the days aren't 17 hours long during the summer in Virginia. In a weekend visit to the College last spring, Johnston also discovered that there are few places to rollerblade.

"One of my criteria in deciding on a college was whether I could rollerblade there," quipped the incoming freshman. "William and Mary sort of fell short on this point. You can't rollerblade on the sidewalks because most of them are brick, and you can't even go on the street. During my visit in the spring, I got pulled over by a cop while I was blading down Richmond Road."

One of two Alaskan students in the freshman class, Johnston credited his aunt who lives in Lexington, Va., with encouraging him to consider William and Mary. Several visits to campus eventually sold him on the College.

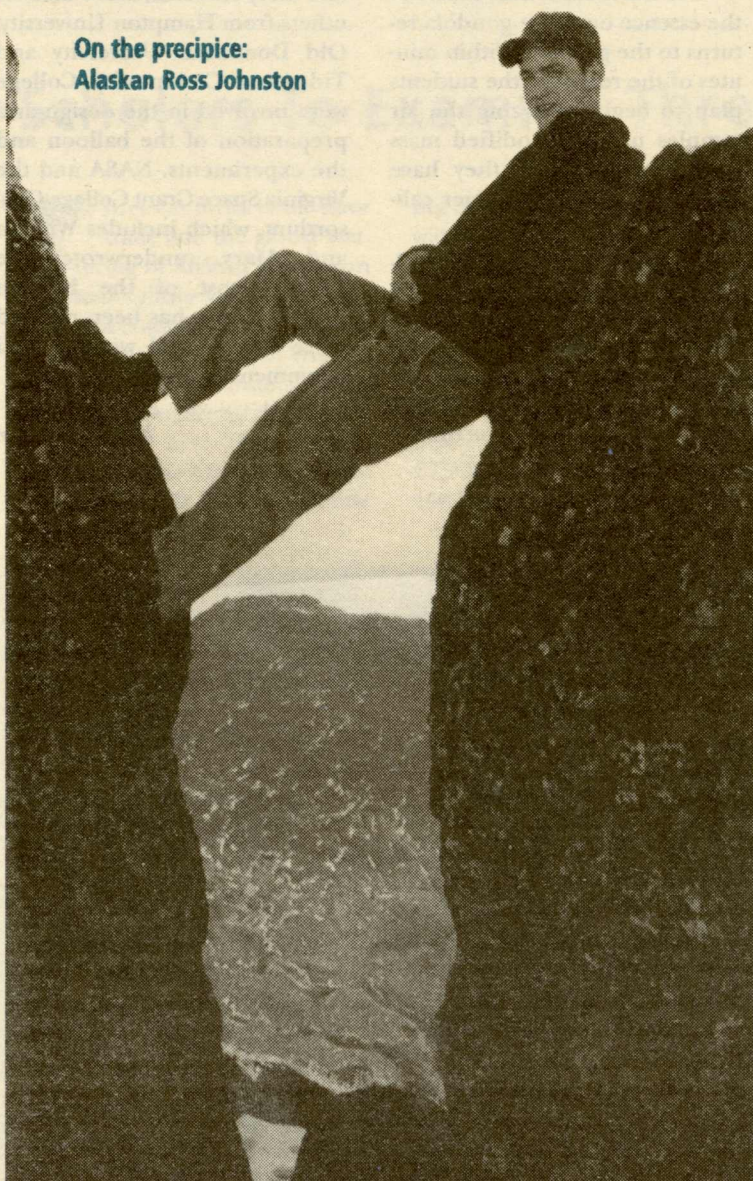
"Among all the schools I visited, I really liked the attitude of William and Mary students the best," explained Johnston. "It seems like kids have a good time here. That's important to me because if I'm going to live somewhere for four years, I want to enjoy myself and have fun while I'm learning."

Like his family and many of his Alaskan friends, Johnston has an avid interest in outdoor activities, skiing and hiking being among his top passions. Until this year, his 14-year-old sister held the world record as the youngest climber to scale Mount McKinley, the highest peak in North America.

In line with his interest in languages, Johnston spent the summer of 1996 working in a small village on the North Slope of Alaska recording voices of the Inupiaq Eskimos. The soundbites were included in a computer game for use in the Inupiaq school system.

Equally as distinctive as Johnston's part-time jobs, including stints as a ski instructor, have been his musical and artistic pursuits. He's currently studying the breathing techniques required to play the chanter, an instrument similar to bagpipes, and writing poetry in his free time. And at William and Mary, he's planning to add one more step to his dance retinue and learn swing through the ballroom dance club. ■

by John Galinsky, Bill Walker,  
Amy Ruth, Carol Arnette  
and Poul Olson



## staff spotlight

# A Passion For The Paddle

*Trio of canoeists are among the world's best*

**K**irk Havens and Lyle Varnell don't know how their team missed the wall and didn't capsize. During a dragonboat race several years ago on the Hudson River, the oceanliner *Queen Elizabeth 2* passed by their canoes, which sit just 12 inches out of the water, creating a huge wake and pushing the boats toward a concrete sea wall.

"I remember steering the canoe," recalled Havens, "then taking a hard right toward the wall."

Added Varnell, "We were heading for it, but not one of us stopped paddling."

The 20-member crew managed to avoid a collision and ultimately placed second in the race.

Havens and Varnell, both marine scientists at the Virginia Institute of Marine Science, count harrowing moments like these as part of the formula that makes canoeing so exhilarating and enjoyable. Along with kinesiology instructor Randy Drake, they have claimed titles in a host of national and international canoeing competitions.

The three men forged a love of the sport for different reasons. Havens, who paddled for the first time at age six, credits the influence of his family. His father, grandfather, uncle and great-uncle competed and won medals in a number of Olympic canoeing events. For his part, Varnell didn't take up competitive canoeing until age 26 and originally got involved in the sport through his friendship with Havens.

Drake turned to paddling as a means of training for cross-country skiing and of alleviating stress on his troubled knees. In addition to his team activities with Havens and Varnell, he has won a number of professional races on his own in Canada, Mexico, Australia, Hong Kong and England.

As a team, Havens, Varnell and Drake have spent most of their time training in outrigger and dragonboat canoes. Popular-



Randy Drake, Kirk Havens and Lyle Varnell (left to right) spend many a lunch break training in marathon canoes on the York River. These particular canoes are designed for flatwater racing over long distances.

ized in the opening to the 1970s television program "Hawaii Five-O," the 45-foot-long outrigger canoe holds six people and has a long arm off of one side for stability. The canoes are typically raced on the open ocean over distances of at least 20 miles. The three have competed individually and on teams with American and European Olympic canoeists in international competitions. Later this month, they will take part in an outrigger race in Virginia Beach to defend the title that they claimed there last year.

The open ocean often holds many surprises, even for the serious outrigger canoeist. Drake recalled spotting "large, dark shapes" underwater while competing in an outrigger race several years ago in the Molokai Channel, between the Hawaiian islands of Oahu and Molokai. With no land in sight, his six-man canoe was due for relief from a nearby support boat. "But no one was daring enough to swim the distance given what was below them," said Drake.

In addition to outrigger canoeing, Havens, Varnell and Drake excel in whitewater river canoeing and each holds national titles. Because water conditions constantly change, this form of

canoeing often holds the most dangerous natural hazards.

"The river has the most control and it's imperative to give it great respect," said Varnell. "I have two kids, and they need their father."

One of the most distinctive types of canoeing is dragonboating. Developed in Asia more than 2000 years ago, dragonboat canoes carry 20 people and are adorned with the head and tail of a dragon on their bow and stern. "It's really something," said Drake. "These boats represent 2000 years of history."

A dragonboat competition was what drew Drake, Havens and Varnell together more than 10 years ago. Over the years, they have been part of national champion dragonboat teams that have competed in races around the world.

Canoeing isn't always about beating a competitor to the finish line. An inventive form of the sport called canoe jousting closely resembles the medieval land version. While one person steers the canoe, the other stands on a platform at the bow, wielding a jousting pole. The object of the sport is to topple the opponent. "It's like playing chicken, only with a ca-

noe," said Havens.

Canoe jousting holds special significance for Havens. His father defended the world championship in the sport more than 500 times.

Havens holds several leadership roles in national and regional canoeing organizations. He is the national chair of the American Canoe Association's whitewater open canoe committee and president of the Mid-Atlantic Paddlers Association.

Havens, Varnell and Drake all live and work close to water and, as a result, have many opportunities to blend their avocation with

their occupations. Havens and Varnell, who can be seen regularly canoeing at lunch on the York River, use canoes to navigate the tidal rivers of the Chesapeake Bay while conducting research for VIMS. Drake, whose specialty is ultra-endurance marathon canoeing, teaches an undergraduate kayaking class on Lake Matoaka.

Havens invites any member of the College community interested in learning more about competitive canoeing to contact him at (804) 684-7386 or via email at [kirk@vims.edu](mailto:kirk@vims.edu). ■

by Catherine Dean

## Sullivan Pleads For Additional Funding

CONTINUED FROM PAGE 2.

backlog of building maintenance projects that is expected to grow to more than \$1 billion by 2003-04.

Sen. John H. Chichester, R-Stafford and co-chair of the subcommittee, commended each academic institution's performance during the difficult bud-

get years. "You know what's best to do for your institutions," he said. "Independence and autonomy are crucial for each college and university."

Del. Alan A. Diamonstein, D-Newport News and co-chair of the subcommittee, said that he has a growing concern that Virginia may be taking its colleges and uni-

versities for granted. "Let's hear [the presidents] tell us what they need, and let's give it to them," Diamonstein said. "Without a dependable stream of revenues, our colleges will lose their national rankings."

The Joint Subcommittee on Higher Education Funding Policies expects to report its recommendations to the 1999 session of the Virginia General Assembly. ■

by Peggy Shaw

## Deadlines Near For Internal Grants

Deadlines for the College's internal grant programs, including summer research grants (faculty only), semester research grants (faculty only) and minor research grants (open to students, staff and faculty), occur this fall. Applications must be received in the grants office (314 Jamestown Rd.) by 5 p.m. on the following dates: minor research grants (Sept. 24, Jan. 28, 1999); semester research grants (Oct. 8); and summer research grants (Oct. 15). Applications are available electronically in various formats at <http://www.wm.edu/AI/Grants/WMGRANTS>. Contact Mike Ludwick via email at [mike@grants.wm.edu](mailto:mike@grants.wm.edu) or call him at 221-3485 for more information.

## Writing Resources Center And Oral Communication Studio Open

The Writing Resources Center and Oral Communication Studio, located in Tucker 115A, offers free one-on-one consultations to students preparing written and oral assignments. The center is staffed by undergraduate consultants and is open from 9 a.m. to 4 p.m. Monday through Friday and 7 to 9 p.m. Sunday through Thursday evenings. Students may stop by the center during these hours or call 221-3925 to make an appointment.

notes

# Calendar

Any member of the College community may submit an item about an upcoming event at the College. All information must be provided in writing via campus mail to the *William & Mary News* Office, Holmes House, 308 Jamestown Rd., by Friday, Aug. 28, emailed to [wmnews@mail.wm.edu](mailto:wmnews@mail.wm.edu) or faxed to 221-3243. Items may be edited for clarity or length. Call 221-2644 for more information.

## Aug. 21, 24

"With Good Reason," a radio program produced by the Virginia Higher Education Broadcasting Consortium, features historian Philip Morgan (editor of the *William & Mary Quarterly*), who joins VMI's Turk McCleskey (Ph.D. '90) to discuss "Uncommon Bonds: Black Culture in 18th-Century America." **1:30 p.m.** on WHRV/Hampton Roads, 89.5 FM (Aug. 21); **9 a.m.** on WNSB/Norfolk, 91.1 FM and **6 p.m.** on WCWM/Williamsburg, 90.7 FM on Aug. 24.

## Aug. 26

Classes begin.

**4:30-6 p.m.** Welcoming reception for international students, sponsored by the Reeves Center and the Christopher Wren Association. Reeves Center. 221-1079.

## Aug. 28

**4 p.m.** Convocation exercises celebrating the opening of the 1998-99 academic session. Former Attorney General of the United States William P. Barr will deliver the convocation address. Wren Courtyard.

## Aug. 29

**10 a.m.-10 p.m.** Black Alumni and Student Day, a biennial event sponsored by the Hulon Willis Association of the Society of the Alumni. University Center. See pg. 3 for details. 221-1204.

## Sept. 1, 8

**12:15 p.m.** William and Mary Christian Faculty Fellowship (WMCCF). Colony Room, University Center. 221-3523.

## Sept. 3

**8 p.m.** William & Mary Concert Series: Percussionist Poncho Sanchez. Phi Beta Kappa Memorial Hall. 221-3276. See above right.

## Sept. 4

College-wide faculty meeting. Ewell Recital Hall. 4 p.m. Party in Wren Yard follows.

## Sept. 8

**Noon.** Hourly and Classified Employees Association (HACE) meeting. President Timothy Sullivan and Provost Gillian Cell will speak and bring greetings at the beginning of the new academic year. Tidewater A. 221-1189.

## Sept. 9

**2 p.m.** Christopher Wren Association convocation opens new year. Wightman Cup Room, W&M Hall. 221-1079.

## Sept. 24, Oct. 20, Nov. 4, Nov. 30

**Noon.** President Timothy Sullivan will host a series of luncheons at the President's House to give students an opportunity to meet with him informally in groups of 10. Lunches will last about an hour. Students may sign up for these luncheons by contacting Gail Sears at 221-1693 or by emailing her at [gbsear@facstaff.wm.edu](mailto:gbsear@facstaff.wm.edu).

## Oct. 8, Nov. 2, Dec. 2

**4-5 p.m.** President Timothy Sullivan has reserved office hours for students to discuss issues that concern them (or just to chat). Individual students or small groups may make 10-minute appointments by contacting Gail Sears at 221-1693 or by emailing her at [gbsear@facstaff.wm.edu](mailto:gbsear@facstaff.wm.edu).

## exhibits

### MUSCARELLE MUSEUM

#### Aug. 26-Oct. 18

**10 a.m.-4:45 p.m., Mon.-Fri.; noon-4 p.m., Sat. and Sun.** "Hung Liu: A Survey 1988-98," organized by the College of Wooster Art Museum with grants from the National Endowment for the Arts and the Ohio Arts Council. Visiting artist Hung Liu will conduct workshops for local students and community members **Sept. 10-12**. On **Sept. 11 at 5:30 p.m.**, she will give a gallery talk, which will be followed by the opening reception for the exhibit at **6 p.m.** 221-2703.

### ANDREWS GALLERY, ANDREWS HALL

#### Through Sept. 25

**9 a.m.-5 p.m., Mon.-Fri.** "From Home," an exhibition of furniture, cast metals and ceramics; domestic objects for ordinary use by sculptor Robert Banker, instructor of 3-D foundation courses in the Department of Art and Art History. 221-2520.



## Latin Percussionist Opens 1998-99 Concert Series, Sept. 3

The 1998-99 William & Mary Concert Series opens with three-time Grammy nominee Poncho Sanchez (above), Latin jazz and salsa percussionist, and his eight-piece ensemble. They promise an exciting and energizing performance.

Sanchez will be followed on Sept. 16 by the inventive company of dancer-illusionists MOMIX. Additional programs in the series include the In-Young Sohn Dance Company, Spoleto USA Chamber Music, Nikolais & Murray Louis Dance Company, Ballet Folklorico "Quetzalli" de Veracruz, jazz guitarist Mark Whitfield and saxophonist Sonny Rollins. A detailed listing of programs is available from the Office of Student Activities, Campus Center 203.

All performances begin at 8 p.m. in Phi Beta Kappa Memorial Hall. Season tickets are available at special rates for students, faculty and staff by calling 221-3276. General admission tickets, if available, will cost \$20 per person.

## deadlines

**Sept. 24, 1998 and Jan. 28, 1999:** minor research grants (students, faculty and staff); **Oct. 8:** semester research grants (faculty only); **Oct. 15:** summer research grants (faculty only). Applications must be received in the Grants Office (314 Jamestown Rd.) by **5 p.m.** on the deadline date. Applications are available electronically at <http://www.wm.edu/AI/Grants/WMGRANTS> or contact Mike Ludwick by email at [mike@grants.wm.edu](mailto:mike@grants.wm.edu) or by phone at 221-3485.

## looking ahead

### Sept. 11

**5:30 and 6 p.m.** Visiting artist Hung Liu will give a gallery talk at 5:30 p.m. An opening reception for the exhibit "Hung Liu: A Survey 1988-98" will be held from 6 to 7:30 p.m. Muscarelle Museum. 221-2703.

### Sept. 12

**1 p.m.** Tribe football vs. VMI. Zable Stadium. 221-3368.

### Sept. 16

**8 p.m.** Concert Series: MOMIX. Phi Beta Kappa Memorial Hall. 221-3276.

## classified advertisements

### Applicants Wanted For Development Associate

Position is part-time, approximately 25 hours per week, Monday through Friday. Salary range is \$15,000-\$16,000 annually.

Responsibilities include writing all Annual Fund appeals, developing all printed pieces—including Honor Roll of Donors, brochures and parents' newsletter—and managing the direct mail program.

Requires a bachelor's degree, excellent written and verbal communication skills, familiarity with higher education and fundraising, supervisory experience, strong organizational and interpersonal skills and familiarity with WordPerfect and other computer programs.

Letter of application; résumé; three writing samples; and names, addresses and telephone numbers of three references should be sent to: Office of Annual Support, College of William and Mary, Attn: "Development Associate," P.O. Box 1693, Williamsburg, VA 23187.

Review of applications will begin Aug. 31 and continue until position is filled.

### FOR SALE

House in beautiful Village Green community in Newport News. Convenient to I-64, Jefferson Lab, military bases. Brick ranch with sunroom, deck, hot tub, hardwood floors, ceramic tile, much more. Call for appointment, 249-1547. \$131,000.

House in Newport News (Denbigh). Easy commute. Outstanding 4-BR, 3-bath colonial with BR on first floor. Laundry room, fireplace. Just painted, inside and out, neutral colors. Quiet cul-de-sac, fenced yard, community pool. Close to everything. \$129,000. Call Barbara at 221-2957.

1994 Saturn SC2 sport coupe, gold, 4-cylinder, 5-speed, ABS disk brakes, sporty alloy rims, AM-FM cassette. 87,000 miles, excellent condition. \$6,300. Call 867-6766 after 6 p.m.

1992 Honda Accord LX, 5-speed, 79K, recharged A/C. Great condition. \$8,000. Call 221-2448 or 229-4082.

1984 Audi 4000S. 5-speed, gr/gr, sunroof. Runs great. \$650. Call Lee at 564-1974.

Small antique mahogany desk with center drawer and eight side drawers. Ideal for young student or limited workspace. \$185. Call 229-6884 or leave message at 221-2596.

Entertainment center, \$25; night stands (2), \$15; large dresser, \$50; folding chairs (2), \$10; recliner, \$100; small table lamps (2), \$10; large table

lamp, \$10; floor lamp, \$5; and stereo, \$50. Call 258-9053.

### YARD SALES

Saturday, Aug. 22, from 9 a.m. to 1 p.m. at 419 Hempstead Rd. (Windsor Forest). Furnish all but bedroom: various lamps, tables, chairs, desks. Yard swing, bar stools, bookcases, office machines, bikes, toys, exercise equipment, baskets, A-Z knickknacks and collectibles.

Saturday, Sept. 5, from 7 a.m. to noon at 101 Rolfe Rd. (off Jamestown Road, near the College). Matching beige sofa and love seat, books (mostly mysteries, hardcover and paperback), cassettes, some collectibles and glassware, Christmas, toys, stamp albums, linens, milk can, microwave, games, etc. CASH ONLY.

### FOR RENT

One BR in 2-BR townhouse, 1-1/2 miles from campus on shuttle line. Huge kitchen, big closets, CAC. Female only, grad student preferred. Dogs allowed. \$250/mo. Call (202) 546-1079 or (757) 564-3499.

Fully furnished executive home on quiet cul-de-sac in town. Available January through May, 1999. Walk to College or Colonial Williamsburg. Prefer professor or College employee. No pets or smokers. \$1,500/mo. Call 220-2949.

Two rooms in beautiful house in quiet, convenient neighborhood. Ten-minute drive to campus. \$295 and \$325/mo., includes all utilities and local phone. Six-month lease and deposit required. Call 229-1472 and leave message.

### WANTED

W&M professor needs mother's helper 15 to 20 hours per week. Responsibilities include caring for 1st grader and 9-month-old after school and doing light household tasks. Own transportation and experience with children a must. Call Anne Rasmussen at 229-4299 or 221-1097 or email [akrasm@facstaff.wm.edu](mailto:akrasm@facstaff.wm.edu).

Childcare needed during day, last week of August and first week of September and after school throughout fall. Children are six and eight years old. Flexible schedule. Call 564-1579.

Crafters to display and sell their creations at Swem Library staff's annual craft show on Oct. 16. Send name and address via campus mail to Selma Blair in Swem Library no later than Sept. 28. Information will be mailed to you.

Aba kabar? W&M professor needs help brushing up on rusty Bahasa Indonesia in preparation for return to Jakarta to pursue research. Looking for Indonesian national for conversation and language practice. Call Anne Rasmussen at 229-4299 or 221-1097 or email [akrasm@facstaff.wm.edu](mailto:akrasm@facstaff.wm.edu).