

# WILLIAM & MARY

## NEWS

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### Class Of 2001 Arrives

#### Their odyssey continues

**W**hether traveling to a remote corner of the world to teach English or overcoming a life-threatening illness, each of the 1,339 members of the Class of 2001 has a unique story to tell.

By most any statistical measure, the class that arrives on campus on Friday is rich in talent. One hundred and twenty-six of the students finished either first or second in their high school class. More than a quarter were class officers and 386 students captained a varsity sport at their high school. At least half of the class participated in a school band, orchestra or music ensemble in their high school. And public service was a pursuit of more than 500 entering students.

Virginians make up 66 percent of the class, and 16 percent are of minority background. There are 47 international students and 160 Monroe Scholars.

Statistics, of course, cannot capture the diversity of the Class of 2001. But a sampling of some of the students' stories may help.

#### Jackie Kerr: Epitome Of The Scholar-Athlete

Earning 1540 on your SATs and a 4.0 grade point average

would be sufficient for most high school seniors. But if you're Jackie Kerr, you also have to pursue interests in acting, poetry, drawing and science and still find time to become one of the best female high school runners in the country.

A Reston, Va., native, Jackie is committed to excelling both as an athlete and a student. In her first two years of high school, she won the Virginia AAA state cross-country championship. A cycle of injuries limited her competition during the latter part of her high school career, but Jackie still managed to become a four-time Foot Locker national cross-country finalist.

In her studies at the Thomas Jefferson High School for Science and Technology, Jackie combined interests in athletics and in exercise physiology and conducted experiments examining how nutrition and diet affect her performance. She also tuned the intensity and length of her workouts using charted anaerobic thresholds.

Jackie's impressive achievements in the classroom and on the track attracted offers of admission from Princeton and Harvard and scholarships from Vanderbilt, Rice and Villanova. She decided on William and Mary, however, because of the quality of both its academic and athletic programs.

"I was looking for the combined package where I could pursue athletics and academics as much as possible," said Jackie, who is also a Monroe Scholar. "And

William and Mary seemed to be the perfect place."

Jackie hasn't started classes yet, but she has already jumped on the recruitment bandwagon for the College. She has been working with her coach, Patrick Van Rossum, to recruit a fellow runner, a rising senior in North Carolina who is also one of the country's best female scholar-athletes.

#### Daysi Blanco: Rolling With The Punches

Struggle is no stranger to Daysi Blanco of Arlington, Va. At the age of 4 while living in her native El Salvador, she dislocated her left hip in a fall. Her parents didn't have the money to secure necessary treatment and as a result, the injury stunted the growth of her leg. Despite a series of corrective operations after her family immigrated to the United States, Daysi was left with a permanent limp.

Daysi's next battle was with ovarian cancer, which struck at age 12, forcing doctors to remove her left ovary. Followup chemotherapy pushed the disease into remission but caused Daysi to lose much of her hearing.

Out of this litany of physical problems emerged a person committed to overcoming challenges and helping others. In high school, Daysi was an active volunteer for the Legions of Mary, a charity organization that distributes food and clothing to the poor and elderly. She also raised money for a special fund to buy medicine for disadvantaged children.

Last year, Daysi was one of five students from the Washington, D.C., area who was honored with a "Beat the Odds" award from the Children's Defense Fund. The program recognizes children who suc-

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Jackie Kerr was among the nation's top female high school runners.

#### Peace Corps Director Headlines Convocation

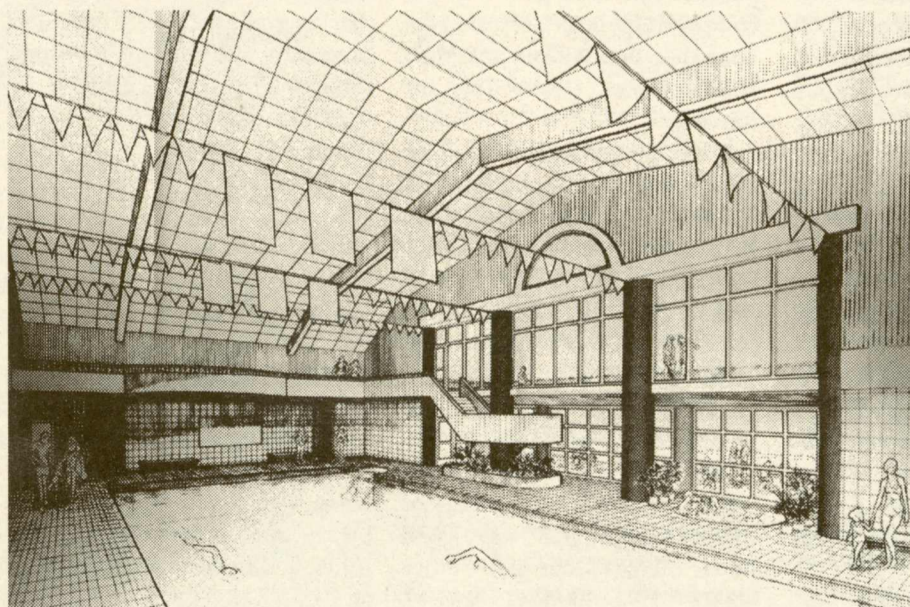
**A**s part of its long-standing commitment to public service, the College will welcome Peace Corps Director Mark Gearan as the featured speaker at the College's Convocation ceremony on Friday, Aug. 29. Convocation, which takes place at 4 p.m. in the Wren Yard of the Sir Christopher Wren Building, is the opening ceremony of the new academic year.

Gearan, who was confirmed by the U.S. Senate and sworn in as the 14th director of the Peace Corps in September 1995, oversees 6,500 Peace Corps volunteers serving in 87 countries. At Convocation, he will be speaking on the work of those volunteers and why

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Colin O'Sullivan (above, center) took a year off after high school to teach English in Tanzania.



While spending his summers learning architecture, Eric Koskinen developed this prospective view of a pool room (left) for a local exercise center.

## Borgenicht To Conquer Colorado's Highest Peak On the Road To Kilimanjaro

Tomorrow, 85-year-old Jack Borgenicht will set out to conquer the highest peak in Colorado, another step in his longstanding quest to climb Mount Kilimanjaro. With the advice of Associate Professor of Kinesiology Kenneth Kambis, Borgenicht is renewing a physical training program he began at the youthful age of 78.

In 1992, Borgenicht became the oldest man to climb Washington's Mount Rainier. With his

heart now set on conquering Africa's highest peak in 1998, he is using the climb up Colorado's Mount Elbert to continue his training and test his acclimatization to high altitude. At 14,433 feet, Mount Elbert is the second highest point in the contiguous 48 states, behind only California's Mount Whitney, which Borgenicht has already conquered.

"This is duck soup," said Borgenicht about the Colorado climb. "What I'm really looking forward to is the climb up Mount Kilimanjaro. And once I do that, there'll be another challenge out there."

Since 1989, Borgenicht has been training with Kambis, an exercise physiologist interested in older adults who make special efforts to age in a healthful manner.

Borgenicht has been training for the Colorado climb for several months; he tested his endurance by climbing New York state's Mount Hunter in early July.

Since then, he has been on a challenging regimen of three-mile walks and stair climbing—all with a weighted backpack.

Earlier this week, Borgenicht flew to Colorado to begin acclimating himself to the altitude, a process that will conclude tomorrow on the summit of Mount Elbert. He and Kambis plan to spend the night on the mountain. The entire effort is part of an extensive research program conducted by Kambis to determine how aging adults—like Borgenicht—can overcome periods of inactivity.

"Given Jack's history and his commitment to adhering to this exercise program," says Kambis, "this phase of the research project may provide substantial data for others to use when planning for older adults exercising at high altitude."

Even with the extensive training program, Kambis expects that next year's Kilimanjaro venture will be extremely demanding because of the mountain's height. At 19,340 feet, the mountain is Africa's highest. Even considering the size of the challenge, those who know Jack Borgenicht best

choose to bet on him. For years, he's been overcoming obstacles.

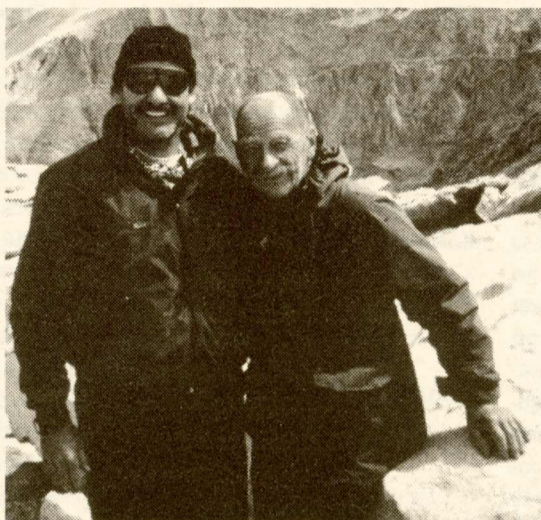
"I always look for new challenges," says Borgenicht. "If they don't exist, then I don't want to exist."

A native New Yorker, Borgenicht followed his father in the family clothing business, which he expanded through hard work and imagination. He eventually owned and operated 12 manufacturing companies, and enhanced his holding by venturing into the stock market and the real-estate business.

Borgenicht is a well-known philanthropist. He established a trust for the College currently worth more than \$11 million that will be used to endow the Borgenicht Peace Initiatives developed by William and Mary's Reves Center for International Studies.

Borgenicht will celebrate his 86th birthday next Friday. When he conquers Mount Kilimanjaro next year as planned, he will be the oldest individual on record to have reached the peak. ■

by Bill Walker



Ken Kambis and Jack Borgenicht take a break on the way to the summit of Washington state's Mount Rainier in 1992.

## Preparations Under Way For Student Web Pages

Over the summer College officials developed procedures for the posting of World Wide Web sites by students and student organizations. The procedures are posted under the Campus Life section of the College web site, and the necessary equipment should be available within two weeks.

"The Web offers significant

opportunities for learning," said Vice President for Student Affairs W. Sam Sadler, "and we want to make these available to students. Creating a site is often the best way to master computer skills that will be quite useful in later life, and the process can provide a lot of enjoyment as well."

According to the new policy, students or student organizations

wishing to establish a Web site must first study the regulations governing use and pass a brief written test demonstrating knowledge of the procedures. In addition, students must sign a statement acknowledging that they have read the regulations and agree to abide by them.

"We expect students to abide by all applicable laws and regulations—as the procedures clearly

state," said Sadler.

Anyone can access the student site through the Student Life section of the Web. Before the site appears, the viewer will encounter a disclaimer stating that student or student organization Web sites are not official College sites.

Developing the sites will be the responsibility of the individual student or organization and a variety

of training opportunities are available. When a site is complete, the responsible party must call the College Web Master (Scott Hayes at 221-3006), who will link it to the appropriate site.

Web materials generated as a result of class assignments may—at the discretion of the instructor—be mounted in an appropriate area in the course listings. ■

### Farewell Reception Sept. 8 For Dean Page

Provost Gillian Cell invites members of the College community to a farewell reception honoring Alfred Page, dean of the School of Business Administration, on Monday, Sept. 8, from 4 to 6 p.m. in the Reves Center for International Studies.

## Bell Atlantic-Va. Supports Project Phoenix

William and Mary students officially thanked Bell Atlantic-Virginia recently for the corporation's gift of \$3,000 last spring to help support Project Phoenix, an innovative campus program targeting youngsters ages 11 through 14.

Designed to motivate young people who are not succeeding academically or socially, Project Phoenix involved some 100 William and Mary volunteers last year and 40 middle-school students from Williamsburg and James City County. William and Mary students helped to coordinate Project Phoenix and served as mentors for the program, which included field trips, a film series, workshops and special dinners.

According to Jim Griffith, area manager for Bell Atlantic, the corporation was looking for a special educational project last year at the same time that William and Mary volunteers were searching for funding.

"We were looking for a signature project and we did some research and found that the thing that was near and dear to everyone was children," Griffith explained. "We decided we wanted to contribute to educational programs to build values for at-risk children."

Project Phoenix, created through the Virginia Campus Outreach Opportunity League in cooperation with the national AmeriCorps program, was a good fit for the corporate gift. Partici-

pants were grouped together in a supportive environment with other youngsters from similar backgrounds for weekly programs involving the student mentors. Programs last year, for example, included a naval tour, a trip to the Virginia Living Museum, a photography workshop with members of the campus photo club, an etiquette dinner and a film series on values and ethics.

The total cost of the program for fiscal year 1996-97 was \$17,569 with \$12,769 supplied by AmeriCorps. The \$3,000 gift from Bell Atlantic helped with the cost of transporting the students to and from their homes in William and Mary vans, programming, supplies, and training for volunteers.

The gift was a vital contribution for William and Mary's student volunteers, and to Bell Atlantic officials it was money well spent. "We found Project Phoenix to be a program that enabled college students to experience the value of volunteerism while making a positive impact on the at-risk youth of Williamsburg and James City County," said Griffith.

"This is clearly a win-win charitable endeavor for Bell Atlantic-Virginia, the College of William and Mary and the community."

Students plan to begin a second year of Project Phoenix programs in September. Project Phoenix is operated by the Office of Student Volunteer Services. ■

by Peggy Shaw

# MAKING HEADLINES

## Search Committees Named For Deans Of School Of Business, Law

Two search committees have been formed to identify candidates for the dean of the School of Law and the dean of the School of Business Administration.

Members of the search committee for dean of the law school are: Davison Douglas, professor of law, chair; Peter Alces, professor of law; Alvin Anderson, Esq.; Rakesh Bhala, associate professor of law; Mechele Dickerson, assistant professor of law; Trotter Hardy, professor of law; Virginia McLaughlin, dean of the School of Education; Frank Sabia, president of the Student Bar Association; William Spong, Esq.; Cynthia Ward, professor of law; and Richard Williamson, Chancellor Professor of Law.

Members of the search committee for the business school dean are: Hector Guerrero, associate professor of business administration, chair; Robert Archibald, professor of economics; Charles Banks, Board of Sponsors; Karen Locke, associate professor of business administration; James Olver, associate professor of business administration; Ronald Sims, Floyd Dewey Gottwald, Sr. Professor of Business Administration; Robert Springer, alumni association chairperson; John Strong, professor of business administration; Wanda Wallace, John N. Dalton Professor of Business Administration; and two students, to be named.

According to Provost Gillian Cell, the searches should be national in their scope and attention but should not preclude consideration of candidates from within the College. "I have asked the members of the committees to search for deans who will provide strong educational and administrative leadership and direction to the schools, continuing to move them forward to positions of preeminence in legal and business education, within the overall mission of and as an integral part of the College," she explained.

The search committees have been asked to submit lists of candidates by Feb. 1, 1998. The successful candidates should assume their posts no later than July 1, 1998.

## Haulman Named Assistant To The President

Professor of Economics Clyde Haulman has been named assistant to President Timothy Sullivan and chief of staff. Haulman takes the place of Colleen Kennedy, associate professor of English, who will return to teaching after a sabbatical.



Haulman

Haulman, recently a scholar-in-residence at William and Mary's Commonwealth Center for the Study of American Culture, will serve as an adviser to the president on faculty and student matters.

Haulman holds three degrees in economics from Florida State University and came to William and Mary as an assistant professor in 1969. A former senior Fulbright lecturer at Wuhan University in the People's Republic of

China, Haulman served as dean of undergraduate studies at William and Mary from 1989 to 1993. He was a Fulbright Scholar in Hong Kong in 1994-95.

This summer Haulman was in Germany, attending an NEH Seminar on the industrial revolution at the University of Munich.

Haulman can be reached by mail at either Morton Hall or the Brafferton. His phone numbers are 221-2365 (Morton) and 221-1693 (the Brafferton). His email address is chaul@facstaff.wm.edu.

## student life

# Demystifying Drinking

*Alcohol education program attracts national acclaim*

One of Mary Crozier's newest props is a brick-shaped, yellow blob of fat. Whenever she's speaking to students about the health dangers of alcohol, she displays the greasy mass to demonstrate the fat content of beer and liquor.

"You hear students talk a lot about the freshmen 15, or the weight they put on during their first months of college," said Crozier, a substance abuse educator. "Most think it's due to the food they're eating. But many students don't realize how many calories are in the alcohol they're consuming."

That students drink, some-

intensive efforts to educate freshmen about alcohol. During the first months of school, freshmen are required to take part in a series of information sessions and discussions about alcohol. They learn about College policies regarding alcohol use, the health dangers of excessive or binge drinking and the problem of sexual assault when alcohol is used.

With each entering class, Crozier and Burwell face a renewed challenge. "We're really fighting upstream because there's so much drinking in the middle and high schools," said Crozier. "Students come to William and Mary with a

sages much better when they're coming from people with whom they can identify," said Crozier.

In addition to a greater emphasis on peer education, Crozier and Burwell have been working in recent years to develop alternative forms of entertainment for students. One of the most popular non-alcohol venues has been the student coffee house Meridian on Boundary Street, which opened in 1993. The College provides space for the student-run facility for free.

Last fall as part of Alcohol Awareness Week, Crozier and Burwell collaborated with student groups for the first annual "Pro-

gressive" in the University Center. The Saturday evening event featured a variety of entertainment in each of the rooms in the UC, including performances by bands, games and even free shoulder massages.

"It was an overwhelming success. The whole UC was full," recalled Burwell. "Students definitely want more opportunities like this."

Part of the \$1,000 award from the consortium will



Photo by Paul E. Olson

A component of the College's alcohol education program is F.I.S.H.—Free Information on Student Health—which is administered by Mary Crozier (left) and Cynthia Burwell. The booth, located in the Campus Center, provides students with information on a host of key health issues, including substance abuse and stress management.

times to excess, is a reality that Crozier and her colleague in Student Health Services, Cynthia Burwell, accept that they can do little to change. "But what we can do," said Crozier, "is to try to minimize the risks of drinking and educate students about the dangers of alcohol."

Over the last 10 years, Crozier and Burwell have built one of the most successful alcohol education programs in the country. Earlier this summer a national consortium of alcohol educators recognized the College for the third year as having one of the 10 best programs of its type in the United States and Canada. A study recently released by George Mason University also recognized William and Mary's comprehensive alcohol education program as one of the nation's best and recommended it as a model.

Much of the recognition of the College's program centered on its

lot of expectations about how life will be here. Many of them are between the just-say-no and just-do-it generation as far as alcohol and drugs are concerned. They have few parameters to go by."

What Crozier and Burwell try to do is to define those parameters through education, not only for freshmen during the orientation period but for all students during their years at the College. While their attention is focused on freshmen, a variety of awareness programs for upperclassmen further focus on developing behavior that is responsible and informed.

Students run some of the most successful programs, which target groups such as athletes and members of fraternities and sororities. Crozier cited one program in particular that sororities organized in which alumni described how alcohol affected them in college.

"Students appreciate the mes-

## campus crime report

July 1997	
<b>crimes</b>	
Assault	2
Larceny	2
From buildings	4
<b>arrests</b>	
Driving under the influence	4
Liquor law violations	6
Drug abuse violations	1
Assault	2
Miscellaneous (not traffic)	2
Summons issued (traffic)	35

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## student scholarship

# Students Sweat Out Summer In Labs

*Push to involve students in research paying off*

**T**hey can be spotted staring at computer screens. Topics such as "matrix theory" and "polymers" dominate their conversations. And if they know their professors on a first-name basis, well, that is to be expected. These undergraduate students spent most of their waking hours this summer in the lab.

Academic research occupied the summer months for nearly 160 William and Mary undergraduates. The high number of summer participants reflects a growing trend in recent years for William and Mary students to pursue many types of independent academic work.

Senior Pamela Argiriadi, a chemistry concentrator, began her research for her honors thesis in a materials lab administered by Professor David Kranbuehl. Funded by a grant from the chemistry department, Argiriadi's research focused on complex materials called polymers. Specifically, she began developing a model to predict how long certain materials will be usable before they begin to break down.

"On the computer we simulated 10 polymer chains," said

Argiriadi. "Ninety-nine percent of material is polymeric, so we hope to predict how long something can last."

Realizing the valuable experience that they can garner, more students like Argiriadi are forgoing typical summer jobs and taking advantage of the opportunity to work with senior faculty in all disciplines.

The College began vigorously promoting research opportunities for students in 1993 as part of a statewide push to weave scholarly research into the undergraduate academic experience. Professor of Mathematics David Lutzer, then dean of arts and sciences, headed the effort at the College to bolster opportunities for undergraduates to take part in summer research.

"We'd previously been interested in undergraduate research, but not completely in an institutional way," said Lutzer. "The College decided to make undergraduate research one of the central themes it wanted to promote."

Part of the strategy to involve more students in research has been to offer free housing and meals. When the program began in 1993, 74 students took advan-

tage of the offer. That number has more than doubled over the last four years.

"Students have been tremendously interested in summer research," said Lutzer. "When I talk to prospective students, one of the questions they ask is what are the opportunities for undergraduate research."

Funding for summer research projects is available from a variety of sources at the College, including individual departments and scholarship funds. Students with strong academic backgrounds who demonstrate potential in their chosen fields are typically chosen for the grants. Joel Schwartz, director of the Charles Center, which oversees the awarding of many of the grants, estimated that the Center receives at least five applications for each grant awarded. He added that the number of applicants and research programs is growing each year.

In its seven years of existence, the James Monroe Scholarship, for example, has become William and Mary's largest single scholarship program. Monroe Scholarships are offered to the top students in the

entering freshman class. The first group of scholars consisted of 65 students; this summer, 138 Monroe Scholars conducted research, bringing the overall total to 480 participants.

The value of summer research was underscored in the early 1990s in a survey of alumni commenting on their academic experience at the College. More than half of the respondents indicated that independent research projects were

"the most important thing that happened to them, academically, in college."

It's a point not lost on Argiriadi, who sees a long term payoff from her research. "This is not just a chemistry learning experience. We are mastering the scientific method, which will help us address all types of problems in the future." ■

by Whitney Untiedt  
University Relations Intern



Seniors Pam Argiriadi and Andrew Meyer use the MTS (Material Test System), which tests the mechanical properties of polymers, such as stress and strain, and how these properties change as samples age.

## school of education

# Teachers Tackle The Art Of Writing

*Summer program shows teachers how to teach writing*

**E**ven by first impressions, it's clear the Eastern Virginia Writing Project (EVWP) class is unique. First, there's the room—Tucker 202 seems almost cozy with sofas and chairs arranged in a semi-circle, and gigantic sheets of paper plastering the walls that declare:

"Writing is a craft!" and "Revise ... revise ... revise ...." There's also the non-traditional daily greeting.

"Good morning, Dr. Beers," chimes the class in unison, and the Writing Project is in full swing.

Four days a week for a month this summer, the participants of William and Mary's summer writing institute for teachers wrote daily assignments, prepared presentations and attended workshops on teaching students to write. The program emphasized an

intense writing atmosphere; participants began each day by sharing journal reflections and spent the afternoons reading and writing.

"When we came in, a lot of the teachers were non-writers. Even though there was a responsibility to write, it was really freeing," said Diane Tracy, a teacher at Walsingham Academy, in Williamsburg.

William and Mary's participation in the National Writing Project began 17 years ago under the direction of Professor of Education Mark Gulesian. The EVWP is part of the National Writing Project, which teaches teachers to write and enables them to teach the art of writing more effectively. A joint effort between federal and state agencies, the Writing Project operates on a "teachers teaching teachers" model. Participants in the summer institutes return to their school districts to direct writ-

ing workshops for their colleagues.

Professor of Education James Beers took over William and Mary's Writing Project three years ago. He bases the program on two premises: writers are best equipped to teach students to write, and teachers can teach each other how to improve students' writing. In the summer institute, the participants act as an audience for one another, responding to and evaluating their classmates' writing.

"This is a tough audience," said Barbara Knowles, co-director of the Writing Project. "These are my contemporaries."

Fellows of the Writing Project have returned to William and Mary to work with the teachers and give presentations during the summer institute. Mary Ann Brewster, '81, for example, became an EVWP Fellow in 1985 and has come back for the past three years to talk with par-

ticipants about her method of teaching students writing.

"It's important to look at students' writing and find something beautiful about it," she said.

Participants in the Writing Project receive six hours of William and Mary graduate credit, but Beers said the teachers leave with more than that. Many fellows, like Brewster, take leadership roles in their school districts, coordinating grade curricula and becoming writing specialists. Others are invited to speak at writing conferences and teach writing workshops. Fellows agreed that the Eastern Virginia Writing Project gave them renewed confidence in their writing and teaching skills as well as a sense of the importance of their writing.

The experience also taught fellows that writing is a part of everyday life, and vice versa. "Write what you know" could be heard echoing down the halls of Tucker as Writing Project participants took out their pencils and paper for a writing exercise. ■

by Whitney Untiedt

## marine science

One of the most valuable research tools for marine scientists is a 44-year-old plane called the Beaver



## VIMS' Eye In The Sky

It's a hot summer afternoon on a remote corner of the tarmac at Newport News/Williamsburg International Airport, and pilot Sam White is busy fixing a pesky oil leak in the De Havilland Beaver. The engine in the 44-year-old airplane has been acting up lately, occasionally spraying drops of oil on his windshield.

"It's taken me a couple of weeks to figure this thing out, but I think this may have gotten it fixed," says White. A quick test

and altitudes as low as 500 feet.

"It's a very sturdy and reliable aircraft for the type and variety of work that we do," says White. "We can configure the cabin in a variety of ways to accommodate both people and equipment."

During the good weather of the summer, White flies the plane at least three times a week for a variety of research projects, including mapping of shoreline erosion, population studies of sea turtles and dolphins in the Bay and the

Vietnam wars occasionally gets put to the test. White has hauled an ailing 300-pound sea turtle from Wallops Island to VIMS, a seal to Atlantic City, N.J., and even the head of a dead pilot whale that beached itself on Smith Island near the mouth of the Bay.

The Beaver, which has a top cruising speed of only 135 miles per hour, often shares flight paths with low altitude, fast moving military jets. This can sometimes put the plane at risk.

"The biggest danger we face is being run over by other planes," says White. "I've been surprised on several occasions when planes have come up on me without warning."

Several years ago during a run over the lower Bay, White had to take evasive maneuvers when a Navy A-6 came perilously close to the Beaver. "We were close enough to see the pilot's helmet," recalls White. "What's amazing is that I don't think he even saw us."

Because the Beaver is so slow moving, White sees features on the ground and in the water that pilots of most other aircraft miss. "Some days when the water is clear and smooth, it's like I'm flying over a vast aquarium," says White. "I can see manta rays, giant ocean sunfish, whales and schools of tuna."

When flying over land, White can also see cars burning. During a flight back from Maryland several years ago, he noticed smoke billowing from a car on a deserted country road. Dropping the plane to 500 feet, he circled the scene and noticed a man waving his hands up at him. Despite his best attempts to find help, White could only watch helplessly as the fire consumed the car.

"I could see the man below holding up his arms in frustration," says White. "I felt really bad that there was nothing that I could do. Fortunately there was nobody in the car."

White dropped a message to the man telling him that he was unable to find help. A few weeks later, a letter arrived thanking White for

"Some days ... it's like I'm flying over a vast aquarium."

— Sam White

his efforts and telling him that the car was a restored 1962 Ford Falcon.

### A Family Legacy

White was inspired to take up flying at age 18 in part because of his father, a naval aviator who flew cargo planes during the Berlin Airlift. For his part, the younger White served several years in the military where he learned to fly and to repair airplanes.

Exemplified by the layout of the cockpit, the Beaver's simplicity gives it distinctiveness and resiliency. With the exception of the radio and a modern navigational device, there are no electronic gauges—only the bare essentials indicating altitude, fuel level and air speed.

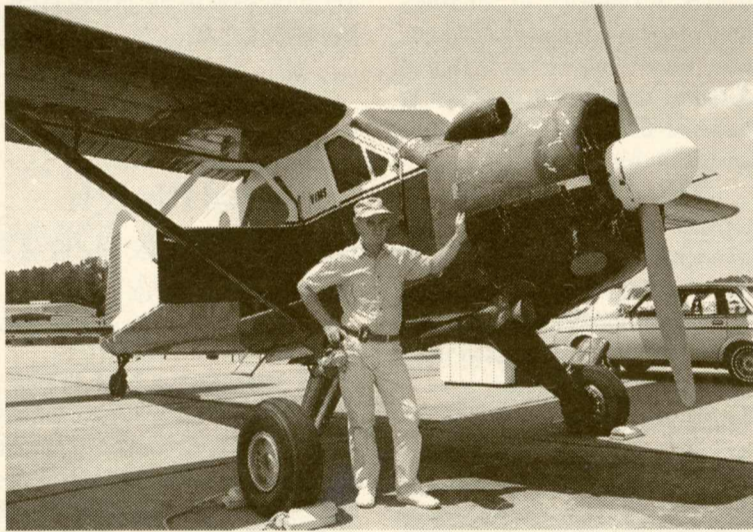
"I could cover up almost everything and still fly this plane with no trouble," claims White confidently.

From the outside, the Beaver's simple design bears little resemblance to the sleek, glossy planes of today. At the apex of its faded, boxy body is a single Pratt & Whitney radial engine, the same type used by Amelia Earhart in her ill-fated flight around the world.

In its life, the Beaver has gone through a number of these engines and is nearing the point where a major structural overhaul will be needed. Despite its age, the plane continues to prove its worth to VIMS scientists while fueling White's passion for flying.

"It's a much more personal, relaxed experience flying a plane like the Beaver than a jet or other modern aircraft," says White. "I'm very proud of the aircraft and what we can do with it." ■

by Poul E. Olson



A labor of love: Sam White and the Beaver

flight out to the York River confirms the success of his repair, one of many that he's made to the aircraft over the last 20 years. "It's hard for me to imagine," he says, "flying a plane that I don't know mechanically."

White has been piloting and maintaining the Beaver for the Virginia Institute of Marine Science since the cargo plane was acquired from military surplus in 1976.

Over the years, VIMS scientists have come to rely on the aircraft for a number of research projects in the Chesapeake Bay and on the coastal plain of Virginia. They find the Beaver an ideal platform for conducting aerial photography and remote sensing because of the plane's unusual ability to travel at speeds as slow as 45 miles per hour

tracking of migratory patterns of various marine life.

The Beaver is also one of the primary research tools of marine scientists to monitor the health of the Chesapeake Bay. When outfitted with state-of-the-art remote sensing equipment, scientists can take measurements of salinity, temperature and chlorophyll levels in the water and cover vast distances in relatively short periods of time.

The latest use of the aircraft has been for multi-spectral aerial photography of wetlands. The state highway department uses the information to identify areas where new wetlands can be created to replace those destroyed in the construction of highways.

The Beaver's original use as a cargo plane in the Korean and

## Students Say College Cares

CONTINUED FROM PAGE 3.

support the expansion of this year's Progressive, which is scheduled for Oct. 4. Given its success, Crozier and Burwell said they're committed to putting on similar events at other times of the year.

Awards aren't the principal means by which Crozier and Burwell measure the success of the College's alcohol education initiative. They said a better gauge is how students themselves think about drinking. Several findings in

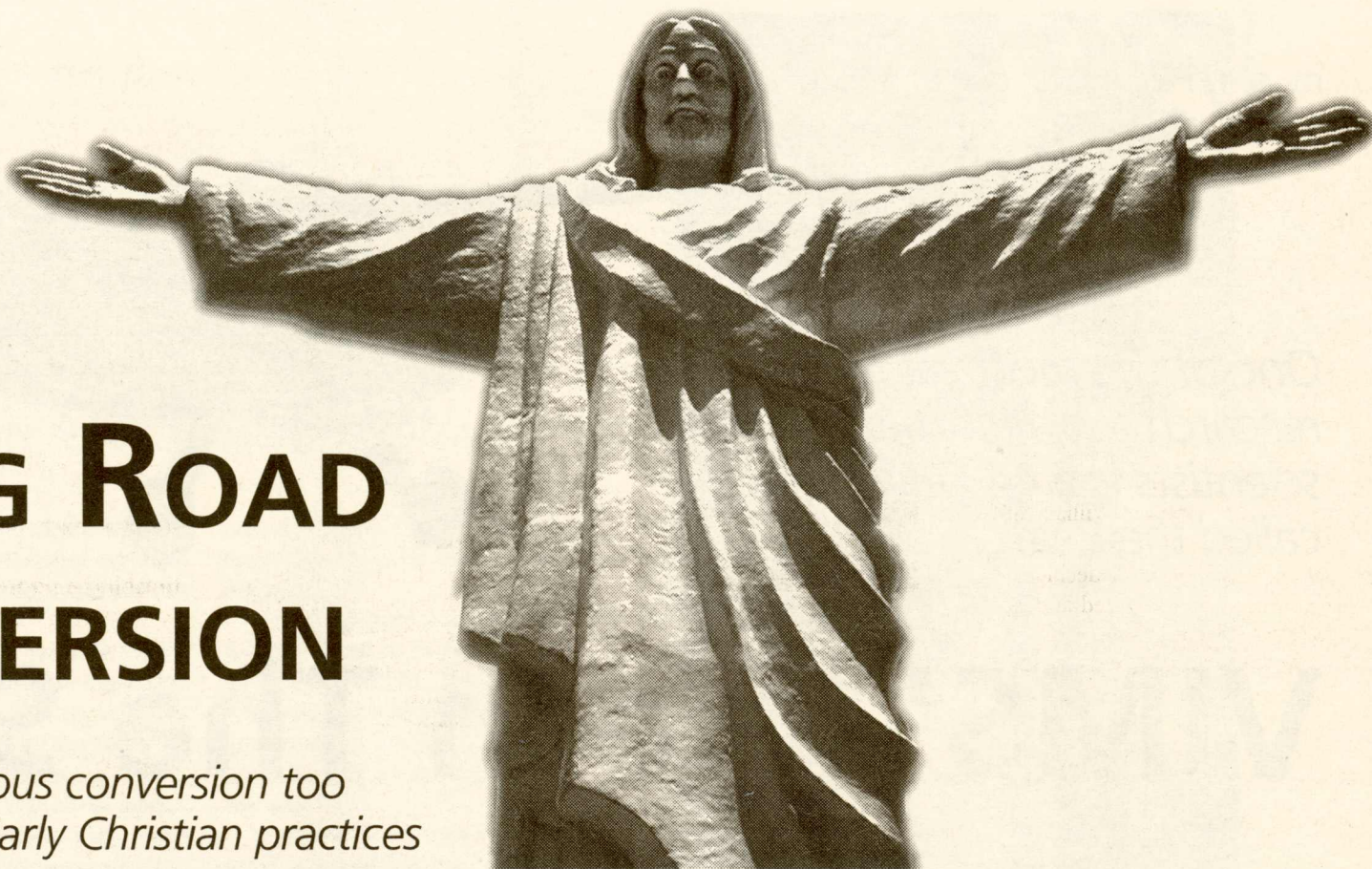
a survey conducted last year of student attitudes toward drinking suggest that their efforts are paying off. The survey found that 77 percent of students had refused an offer at least once of alcohol or drugs over the last year. More significantly, 80 percent said they believed the College is concerned about their welfare.

"Students are telling us we're effective," said Crozier. "We have so many pieces in place, but there's so much more that we can do." ■

by Poul E. Olson

# THE LONG ROAD TO CONVERSION

*Finn finds concept of religious conversion too narrow, inconsistent with Early Christian practices*



**T**oday, religious conversion is most often portrayed as an instantaneous, dramatic event that irrevocably changes an individual's life. A recent study of early Christianity and its roots in Paganism and Judaism, however, suggests that this was seldom the experience of ancient converts. In fact, says Chancellor Professor of Religion Thomas Finn, conversion in antiquity was "a long, complex,

and ritual-based process that might extend for months, even years."

As a result of his study, Finn has concluded that, "We have tended to overplay the psychological aspects of conversion and neglected the liturgical, communal and devotional elements of the experience. These dimensions can be as meaningful today as they were in the past. They can enrich and strengthen the process."

Finn's views and the scholarship on which they are based are recorded in *From Death to Rebirth: Ritual and Conversion in Antiquity*, a sweeping examination of the experiences of converts, which ranges from the Pagan religions of third-century-B.C. Athens to the fourth-century-A.D. Christian practices of Italy and North Africa.

"The evidence shows conclusively," says Finn,

"that conversion in Greco-Roman Paganism, rabbinic Judaism, and early Christianity was an extended process interlaced with oral instruction and ritual. When a Pagan wanted to join a mystery religion, he would undergo nine months of initiation. When a Jew sought entry into the Essene community at Qumran, he embarked on a four-year probation. For the aspirant who wanted to be a Neopythagorean, the quest was almost doubled in length."

Finn regrets that modern Christianity has forgotten that "conversion is a communal experience, not just a personal experience. We are social beings, and Christian life needs continual community action and support."

The concept of conversion as an intense, psychological experience developed, Finn believes, during the Reformation, with Luther's emphasis on the personal dimensions of religion. This view was

strengthened over the years, and in the 20th century it was academically confirmed in highly influential studies by William James and Arthur Darby Nock, both of whom stressed the psychological aspects of conversion.

To demonstrate that conversion in antiquity was a long and disciplined procedure, Finn delves widely and deeply into many ancient religions, and he focuses on a few of the best known conversion stories to illustrate his findings. One of these is the story of Augustine, whose conversion is usually dated to a mystical experience he had in 386 and which he later described in his *Confessions*.

"Although mine is not the customary reading of Augustine's autobiography," says Finn, "I believe that the *Confessions* indicates that Augustine's conversion happened within the ancient ritual process known as the catechumenate. It began with his inscription in the

catechumenate in 354 as an infant, and culminated in the mysteries of baptismal initiation on Easter 387—a journey that took 33 years from start to finish."

The study of conversion is Finn's fourth book. His scholarly work is focused on early Christian liturgy, and he has published numerous articles on ritual and social history in Christian antiquity. *From Death to Rebirth: Ritual and Conversion in Antiquity* was published this year by the Paulist Press, Mahwah, N.J. ■

by Bill Walker

## Episcopal Church Recommends Holmes' Book

**R**arely does a book become "required reading" for an entire denomination, but that was nearly the case with Professor of Religion David Holmes' *A Brief History of the Episcopal Church*.

Earlier this year, before more than 1,000 Episcopalians arrived in Philadelphia for their triennial church meeting, they received cards with the following recommendation from Dr. Robert Carroon, archivist of the Diocese of Connecticut: "I would suggest that every bishop and every clerical and lay deputy to the General Convention read this book before arriving in Philadelphia in 1997."

Pamela P. Chinnis—who, as president of the church's house of delegates, is the highest elected official of the church, and is also member of the College's Endowment Board—also endorsed the church history, saying, "It should be required reading for anyone with a leadership position in the Episcopal Church." Chinnis was the first woman to be seated in the house of delegates. ■

Photo by Paul Olson



Tom Finn has researched antiquity to make conversion relevant to modern life.

## campus news

### Multicultural Program Adds 29 Students To Class Of 2001

**T**wenty-nine students completed the annual Virginia Student Recruitment and Retention Program on Aug. 1 and have been admitted officially to the William and Mary Class of 2001.

Developed by the Office of Multicultural Affairs, the program is designed to enhance the students' success by offering a series of courses on writing composition, study skills, and precalculus or calculus. In

addition, each student took two courses for credit.

"This intensive, six-week experience helps promising students overcome an academic weakness identified during the admission process," said Edwin Cowell, director of multicultural affairs. "We feel quite confident that students who complete the course of study can compete successfully at William and Mary, and we will continue to work with them to ensure this outcome."

During the fall semester the students will participate in academic workshops, be assigned mentors, receive individualized academic counseling and tutoring and enjoy a number of social activities. The College and the State Council of Higher Education for Virginia are bearing the expense of the summer and fall program. ■



Ed Cowell (top) with participants in the Virginia Student Recruitment and Retention Program.

Photo by Bill Walker

## Freshmen Arrive On Campus Friday

CONTINUED FROM PAGE 1.

ceed academically and help others despite physical or emotional obstacles.

Daysi's high school counselor, an alumnus of the College, convinced her to apply to William and Mary. "She said it was a great school," said Daysi. "I decided to come here after I visited and saw how really beautiful it is."

Besides pursuing a pre-med curriculum, Daysi plans to continue her involvement in community service at the College. "It's part of my nature to help other people because I've been helped a lot myself," she said.

### Colin O'Sullivan: A New Perspective On Life

Returning home earlier this month from Tanzania, Colin O'Sullivan recalled his shock at opening the refrigerator. "My mouth just dropped, especially when I saw the milk," said Colin. "When I was in Tanzania, the only way I could have milk was to find a villager's cow, ask if I could milk it and then pasteurize it myself."

Colin delayed college for a year after graduating from high school to teach English in a small Tanzanian village near Mount Kilimanjaro. He embraced the op-



Daysi Blanco

portunity, he said, out of a desire to explore his interests in public service and to learn about a different culture and about himself.

"A big part of why I wanted to do this was to develop a sense of aloneness and feel good about it," he said. "I also wanted to explore a different culture, learn a new language and understand how people in a country like Tanzania cope with life and existence."

To pay for his adventure, he raised \$5,000 from friends and businesses in his hometown of Easton, Conn. Much of the money also funded the construction of a girl's hostel and a headmaster's home in the community.

Colin said Tanzania changed him in many ways, including moving him to reexamine his motivation for pursuing public service and nourishing his intellectual curiosity.

He added, "Spending those months in Tanzania also helped me to realize how much opportunity we have in the West."

### Eric Koskinen: An Eye For Design

Eric Koskinen of Allendale, N.J., became interested in architecture while following the work of his father, a builder. In the summer of 1995, he got his first summer job with an architecture firm and there discovered his passion for the vocation.

Over the years, Eric learned the fundamentals of both conventional and computerized drafting and design. The majority of his designs have been of additions to or conversions of homes. But Eric has also developed prospective views of large facilities such as a pool room for an exercise center (see rendering pg. 1).

A natural fit for someone of Eric's talents, of course, would be a college with a five-year architecture program. But Eric decided that he wanted a broad-based liberal arts education before earning an architecture degree.

"William and Mary had the overall feel that I was looking for," said Eric, who was admitted to the College on early decision. ■

by Poul E. Olson

## Peace Corps Director To Speak At Convocation

CONTINUED FROM PAGE 1.

service should be an integral part of their daily lives, according to

Peace Corps Press Director Brendan Daly.

William and Mary is a strong supporter of the Peace Corps. Several William and Mary faculty members and 266 William and Mary alumni have served in the Peace Corps, with 27 of those alumni serving today in countries that include China, Zambia, Guatemala, Mali, Poland, Ecuador, Thailand and Romania.

Under Gearan's leadership, Peace Corps volunteers are serving for the first time in South Africa and returned to Haiti in 1996 after a five-year absence. Gearan has also launched the Crisis Corps, a new Peace Corps program that allows volunteers and returned Peace Corps volunteers to provide short-term assistance to communities during humanitarian crises and natural disasters. The first Crisis Corps assignment was in December 1995, when workers traveled to the island of Antigua to help rebuild homes devastated by Hurricane Luis.

Gearan, who earned a bachelor's degree in government *cum laude* at Harvard University in 1978



Gearan

and a J.D. from the Georgetown University Law Center in 1991, has an extensive career of public service. During the 1992 presidential campaign, he served as Senator Al Gore's campaign manager, and later was appointed deputy director of President-elect Bill Clinton's transition team. From 1993 to 1995 Gearan was assistant to the president and director of communications as well as Deputy White House chief of staff.

Opening Convocation was re-instituted in 1993 as a way of formally opening the academic year and enhancing the sense of community at the College. William and Mary Provost Gillian Cell will preside over the hour-long ceremony, which is open to all members of the William and Mary community and to the public. Admission is free and no tickets are required. ■

by Peggy Shaw

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### Web Links Keio Students Home

Advanced technology and the ingenuity of visiting Japanese students added a new dimension to this year's William and Mary-Keio University summer exchange program, sponsored by the Reves Center. Each night—after finishing a rigorous schedule of American cultural studies—Keio students Keiichi Kawai, Kiriko Komura and Tomohiro Oba (below, from left to right) climbed to an upper floor of the Reves Center where they updated a World Wide Web site for their fellow students back in Japan.

The project consisted of daily news feeds, real-time multimedia, and on-line journals of some of the 40 visiting students.

Although the program has concluded, the Web site is still available at <http://vu.sfc.keio.ac.jp/wm/dailyfeed/daily2.html>.



### Deadlines Near For W&M Research Grants

Deadlines are approaching for the College's internal grants programs, which include Summer Research Grants and Semester Research Grants (for faculty only) and Minor Research Grants (open to students, staff and faculty).

Applications must be received in the Grants Office (314 Jamestown Road) by the following dates: Minor Research Grants—Sept. 25 and Jan. 29, 1998; Semester Research Grants—Oct. 9; Summer Research Grants—Oct. 16.

Applications are available electronically in various formats at <http://www.wm.edu/AI/Grants/WMGRANTS>. For more information or to receive the application via campus mail, contact Mike Ludwick at 221-3485 or via email at [mike@grants.wm.edu](mailto:mike@grants.wm.edu).

### Applications Ready For Ed School Admission

Transfer students and late decision undergraduates who are planning to concentrate in an arts and sciences field are eligible to apply to either the elementary or secondary education teaching certification program in the School of Education. Interested students may pick up applications in Jones 100 from Aug. 25 through Sept. 4. Completed applications must be returned by Sept. 5.

Seniors interested in applying for graduate admission to the School of Education may also pick up applications in Jones 100. Completed applications are due by Oct. 1, and notifications will be mailed no later than mid-November. For more information about the graduate admission process, contact James Lynch, School of Education, at 221-2308.

### Vehicles Must Be Moved For Football Games

The following lots must be vacated by 8 a.m. on the Saturdays of home football games, which will take place on Aug. 30, Sept. 27, Oct. 11, Oct. 25 (Homecoming) and Nov. 15: Stadium/Bryant, the University Center, Old Dominion, James Blair Hall (on James Blair Drive) and the pull-in spaces on College Terrace and Crim Dell. Vehicles in violation may be towed at owners' expense.

### In Memoriam: Benjamin Cato, John Parkany

Benjamin Cato, Professor of Mathematics, Emeritus, died June 15 in Lake Junaluska, N.C. Retiring from the College in 1986, Cato directed the College's NFS Institute for Secondary School Teachers in Mathematics.

John Parkany, Richard S. Reynolds Professor of Business Administration, Emeritus, died June 17. Parkany taught in the School of Business Administration for 11 years before his retirement in 1991.

## WILLIAM & MARY NEWS

The next issue of the *William & Mary News* will be published on Thursday, Sept. 4. Deadline for submission of items is 5 p.m. on Friday, Aug. 29, although submissions before the deadline are encouraged. Call ext. 12639 with any questions or concerns.

The *William & Mary News* is issued throughout the year for faculty, staff and students of the College and distributed on campus. 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 e-mailed to [wmnews@mail.wm.edu](mailto:wmnews@mail.wm.edu), no later than 5 p.m. the Friday before publication.

Poul E. Olson, editor  
Marilyn Carlin, desktop publishing  
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Stewart Gamage, vice president for public affairs  
Peggy Shaw, university relations  
Kelly Gray, proofreader

# calendar

## SPECIAL EVENTS

**Aug. 28**

The Reves Center and the Christopher Wren Association will host a welcoming reception for new international students at 4:30 p.m. in the Great Hall of the Christopher Wren Building.

**Aug. 29**

The University Convocation will be held at 4 p.m. in Wren Yard.

**Aug. 30**

The annual Back-to-Class Bash will be held immediately following the football game (about 4 p.m.) in the Sunken Garden. Three bands will play, including William and Mary's own "River" and "Mudcat Jones." Free admission to William and Mary students and families. Call 221-3302.

**Sept. 12**

A Faculty-wide meeting is at 4 p.m. in Ewell Recital Hall. Following the meeting, faculty members are invited to join Tim and Anne Sullivan and Gillian Cell for a reception in celebration of the 305th academic year, from 5:30 to 7:30 p.m. in the Wren Yard. Dress is casual. Rain site: Chesapeake Room, University Center.

## MISCELLANEA

**Sept. 10**

A convocation at 2 p.m. in the Wightman Cup Room, William and Mary Hall, will initiate the fall semester of the Christopher Wren Association. Classes begin Sept. 15 and run through Dec. 11. "Carl Sandburg's America," "Prospects for Peace in Ireland," "The 1862 Campaign for Yorktown" and "What's New in Marine Science" are some of the courses from the wide selection offered. For information, call 221-1079.

**Sept. 18-21**

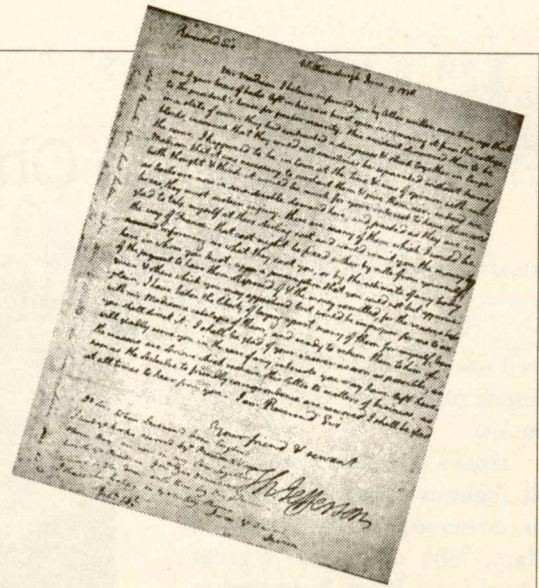
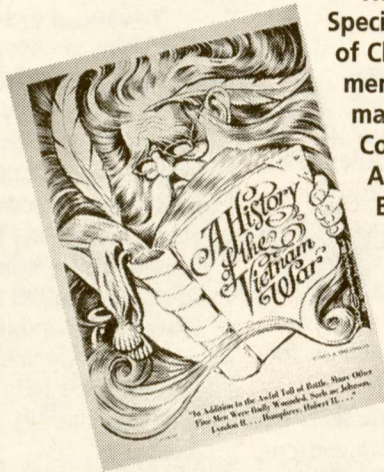
A workshop titled "Celebrating Our Lives" will be held from 9 a.m. to 4 p.m. at the Muscarelle Museum. Artist Miriam Schapiro, who is visit-

## Swem Library Exhibit Honors Marshall

The staff of Swem Library's Special Collections has mounted an exhibit in honor of Nancy Marshall. Marshall retires Aug. 31 after 11 years of service as dean of university libraries. All of the items on display were acquired during her tenure as dean.

The exhibit highlights Marshall's interest in Special Collections, particularly the acquisition of Chief Justice Warren Burger's papers and memorabilia. It also focuses on rare books, manuscripts and archives that Special Collections has added in the past 11 years. Among these are loyalist Jonathan Boucher's papers, which Marshall played a key role in acquiring.

Other stellar acquisitions are a letter that Thomas Jefferson wrote in Williamsburg, gifts to the College on its tercentenary, private press books and an 1801 book on smallpox by William Jenner, which Marshall acquired in 1990.



Among the acquisitions that Nancy Marshall has helped to secure are a collection of cartoons by Hugh Haynie '50, a letter from Thomas Jefferson (above), and a bust of Benjamin Franklin sculpted by the late Chief Justice Warren Burger.

ing the Museum as part of the fourth annual visiting artist program, will lead the workshop. Registration begins Aug. 27. Call 221-2703.

## SPORTS

**Aug. 30**

Tribe football vs. Hampton University, Zable Stadium, 1 p.m.

**Sept. 10-11**

Charity Tennis Classic (women's doubles) at the McCormack-Nagelsen Tennis Center. Call 221-7378.

## EXHIBITS

**Aug. 23 through Oct. 19**

Two exhibitions, "Contemporary American In-

dian Art: The Joe Feddersen Collection" and "Inuit II: From the Collection of Frederick and Lucy S. Herman," are on display at the Muscarelle Museum. There will be an opening reception for both exhibits on Sept. 5, from 5:30 to 7 p.m. at the museum.

## LOOKING AHEAD

**Sept. 16-Oct. 24**

The McCormack-Nagelsen Tennis Center has scheduled adult clinics and junior (ages 5 through 16) clinics. To sign up, call 221-7378 or stop by the center.

**Sept. 20**

Estuaries Day '97, a day of learning, hiking and music, will be held from 9:30 a.m. to 5 p.m. at the York River State Park in Croaker. Call 566-3036.

**Sept. 25-28**

The 10th Southern Labor Studies Conference, titled "Organizing the Unorganized: Past and Present, Locally and Globally," will be held at William and Mary. For information, call Cindy Hahamovitch at 221-3770. The conference program is available at <http://morton.wm.edu/history/slsc>.

## COMMUNITY

**Aug. 30**

The William and Mary athletic department has announced its first annual Scout Day. All Tidewater area Boy Scout and Girl Scout troops and their leaders are invited to attend the football game between the College and Hampton University at 1 p.m. in Zable Stadium, free of charge. Family members may purchase discounted tickets. Call 221-3353 for additional information.

# classified advertisements

### FOR SALE

Woods End by This End Up living room chair with matching ottoman. Excellent condition. \$150. View at <http://members.aol.com/ckrebs9831/forsale.html>. Also, queen size waterbed with six underside drawers for \$200, and This End Up student desk with chair for \$100. Call 804-648-4058 (evening) or 221-2639 (day).

Compact, furnished apartment for sale at Patriot Condominiums, Richmond Rd. Good for students—not far from campus and close to eating places. Buy as investment or for student. \$38,000. To see, call 229-6345 for appointment. Presently occupied by student.

Restored country farmhouse with modern addition on 4 acres in Mathews County, overlooking Hill's Bay and Gwynn Island. On Rt. 223 beside bridge to Gwynn Island. Beautiful water view, 2,000+ ft. of shoreline. 3 BRs, 2 baths (one with jacuzzi), LR, DR, modern eat-in kitchen, large family room, greenhouse, deck, five outbuildings. Period light fixtures, heart pine floors, bull's eye oak woodwork, slate roof, soapstone woodstove. Asking \$209,900. Call Martha Connolly at 221-1092.

Powhatan Plantation timeshare, week 41 (around homecoming on most years). Lock-out unit, one week for 12 people or use for two separate weeks sleeping six each. Can be traded for nice accommodations at vacation destinations through-

out world. Selling for \$16,000+ at Powhatan, asking \$12,000. Call 253-1310.

1989 Honda Accord LX, bronze, automatic, fully loaded. 137K miles, one owner, very good condition. Asking \$4,500 or best offer. Call 564-8891 or 221-1442.

Restorable 1941 Chevy, 4-door, \$150. 1985 Plymouth Reliant, 4-door, AT, A/C, PS, PB, 64,000 miles, \$850. 1986 D 50 pickup, 5-speed, A/C, PS, 71,000 miles, \$900. Call 259-0041 or 565-1746.

Men's 10-speed mountain bike, a "Ross," made in England. Good tires, reconditioned at Bikesmith. Asking \$125. Call Martha Connolly, 221-1092.

Nordic Track Pro Model cross country skier with electronics. Like new. \$300. (Current store prices: \$600 new, \$500 on sale, \$400 reconditioned.) Call 565-3191.

King-size water bed, cherry four-poster bed frame, good condition. \$150. Call 220-8145 and leave message.

Contemporary dresser, mirror and night stand, white with brass inlay, good condition, \$100. Rolltop desk, good condition, \$100. Call Kim at 253-1540.

Beautiful pine chest of drawers and bedside table, very good condition, reasonable price. Call Alex at 253-0559.

Upholstered sofa with decorative wood trim, \$150. Upholstered arm chair and matching otto-

man, \$45. Double bed with Hollywood headboard, \$50. Call 221-2305 or 565-1317 and leave message.

Loveseat, wood frame with vinyl covered cushions. Excellent condition. \$50. Call 221-2040.

Air conditioners (window units): one large Gibson, 20" across, 230 volts, \$95; two General Electric and one Emerson (115 volts), \$50 each. All in good condition. Call 221-3922 (office) or 220-1930 (home).

### FOR RENT

Room with private bath and computer/study area in 3-BR townhouse. May use kitchen and laundry. Call 565-0910.

Two rooms, same floor with washer and dryer; common area and bathroom, use of kitchen. Seven miles from campus. \$300 per room, including utilities. \$100 security deposit. Graduate or undergraduate students, non-smokers. Call Scott at 564-3803.

Room in condo. Available immediately. Nicely furnished condo with cable, furnished room, private bath, private phone, washer and dryer. Approximately 2 miles from campus. \$300/mo., including utilities. Call 253-2890 after 5 p.m. and leave name and number.

Condo-type unit at Powhatan Plantation. Sleeps six, full kitchen, washer/dryer. Nice for relatives or guests. Call to check on available weeks. \$500/week or \$90/night (three consecutive nights minimum). Call 253-1310.

3-BR, 2-1/2-bath, 4-1/2-year-old home, 5 minutes from campus. Nicely landscaped, wooded lot, fenced backyard, 2-car garage, large deck with spa. Asking \$950/mo. Call 253-9108 or email [plavnder@aol.com](mailto:plavnder@aol.com) or [palave@facstaff.wm.edu](mailto:palave@facstaff.wm.edu).

### WANTED

Assistant swim coach for varsity swim team. Background in competitive swimming needed. Must be available for practices in mornings and afternoons and able to travel to away swim meets. \$5,000 for academic year. Contact Ned Skinner at 221-3393.

Babysitter, 2 days a week for two preschool-aged children of William and Mary faculty. References required. Competitive wage. Call 259-0624.

Roommate to share 2-BR luxury apartment in Williamsburg. \$278/mo. +1/2 utilities. Call 221-1214 or 564-0281 for more information.

William and Mary students to work as painters for William and Mary graduate. Work is mostly exterior painting in Williamsburg area. Male/female, flexible hours, no experience necessary. Looking for responsible individuals. \$5/hr. to start with automatic raises every 40 hrs. Call 220-3251.

### FREE

Comfortable loveseat sofa, perfect for dorm room. Good condition, needs new slipcover, but useable as is. Call Tallie at 253-0236.