

WILLIAM & MARY

NEWS

VOLUME XXVIII, NUMBER 11

A NEWSPAPER FOR FACULTY, STAFF AND STUDENTS

THURSDAY, FEBRUARY 4, 1999



While governor and in the years afterward, Mills Godwin remained actively involved in life at his alma mater, William and Mary.

College Mourns Passing Of "Education Governor"

Mills Godwin was instrumental in 1960s expansion

The governor who coined the William and Mary phrase "alma mater of a nation" died over the weekend at the age of 84 in Newport News.

Mills E. Godwin Jr., a 1934 alumnus of the College who served two terms as governor of Virginia, included that description of William and Mary in a speech in the Great Hall on Jan. 11, 1969, at a meeting of the 11-member Commission on

Constitutional Revision.

But Godwin, who also once called the College a "precious jewel" in the crown of the Commonwealth, contributed more to William and Mary than just an apt description. President Timothy Sullivan called the late governor "our friend and favorite son of this College. His life of exemplary service to the Commonwealth and his dedicated concern for all citizens marked him first and always as a great servant of Virginia's people."

During his first administration, from 1966 to 1970, he was the government official whose support enabled the expansion of graduate study at the College, the construction of the New Campus and adoption of the peer group system which led to improved faculty salaries.

Dr. Davis Y. Paschall '32, a lifelong friend of the governor and president of the College during

CONTINUED ON PAGE 6.

Saturday was a good day for William and Mary's men's swim team. Not only did it defeat both Old Dominion University and American University in the Recreational Sports Center for its 15th dual meet win against only one loss; the men ended their dual meet season with a perfect 6-0 record to finish at the top of the Colonial Athletic Association.

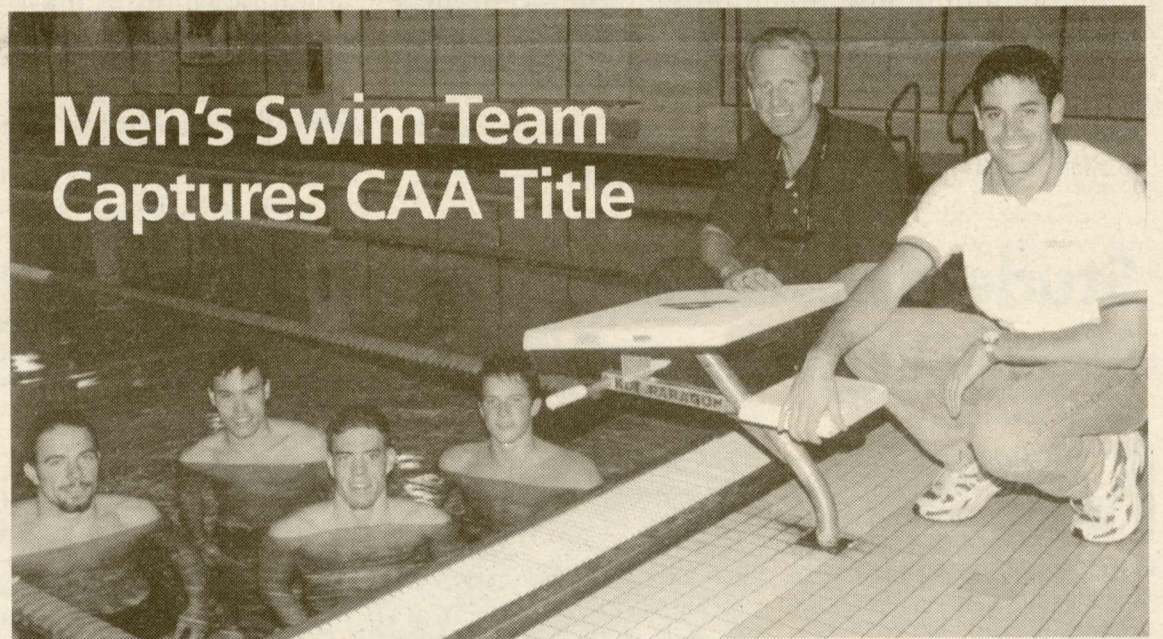
And there are still more possibilities of trophies ahead. In two weeks, 17 swimmers and three divers will compete in Charlotte, N.C., in the CAA team and individual championships, where William and Mary will be "the team to beat," according to its new coach, Tom Schmelz. In addition, Schmelz, who joined the program this fall, believes that several of the swimmers have the prospect of earning berths in the NCAA cham-

pionships in Indiana later this year.

The Tribe's top contenders for the NAAs are Chris Robinson in the distance events, Mike Lovett, Rusty Hodgson and Adrian Maholchic in the sprint freestyle, Dan Gowetski in the breaststroke and Marcus Hill in the individual medley. Robinson, a junior who was William and Mary's outstanding swimmer last year, holds school records in the 200-, 500-, 1000-, and 1650-meter freestyle.

Few expected William and Mary to have such an outstanding season when school began. Ned Skinner, who had built the program during his six years as head coach, left suddenly in August for Virginia Tech, and no successor was appointed until Schmelz, who had been head coach of the

CONTINUED ON PAGE 6.



Head coach Tom Schmelz (second from right) and Assistant Coach Greg Meehan led the Tribe to a perfect 6-0 CAA conference title this season. Standouts Dan Gowetski, Chris Robinson, Marcus Hill and Mike Lovett (from left to right) have prospects of earning berths in the NCAA championships later this year.

What Time Is It? Your Brain Knows

Psychologist finds evidence of multiple internal clocks

Time relentlessly pursues us through the day, guides our actions, captures our imaginations and takes us to our fate. Yet, despite it being such a fundamental component of life, scientists have only begun to under-

stand the complex mechanisms through which the brain can intuitively discern time's passage.

"Time is a pervasive feature of all behavior," explained Jonathon Crystal, assistant professor of psychology. "It is involved in coordinating movement, producing speech and determining when we eat and sleep. We accept that the brain has a raw sense of time. But this cognitive process is still a mystery."

Conventional theory holds that a single "internal clock" keeps track of time in our brain. Through a variety of chemical and

neurological processes, such as the circadian rhythm that regulates the 24-hour day for the body, this clock signals the brain when a set interval of time has passed. This process sets in motion a range of behavior, from eating to sleeping.

While the single-clock theory has held firm among psychologists for decades, animal research conducted by Crystal and others in recent years suggests that multiple internal clocks or "oscillators," each of which measures a different interval, may actually determine the brain's sense of time.

"Think of an hourglass in

which sand flows from one side to the other in 60-minute intervals," said Crystal. "Rather than there being only one hourglass for tracking time, we actually have a bank of them that tracks time in different resolutions. One may track hours, while another may measure time in milliseconds."

Crystal's evidence for the existence of multiple internal clocks comes from experiments conducted on rats that were conditioned to look for food at set times. As was expected under the single-clock theory, the rats could anticipate the times relatively ac-

curately when the interval between feedings was short. When the interval was lengthened, the rats had generally much more difficulty in perceiving time.

"The findings are very similar to the difference in errors you might experience in counting from one to 10 as opposed to counting from one to 100,000," said Crystal. "You can do the former a hundred times over without making a mistake. You would be much more likely to make errors counting to 100,000."

CONTINUED ON PAGE 6.

Kids Study Finds Births To Teenage Mothers At Seven-Year Low

The number of teenagers in Virginia having babies declined to a seven-year low in 1997, according to a study compiled by psychology professors Joe Galano and John Nezek for the child advocacy group Action Alliance for Virginia's Children and Youth.

The new *Kids Count in Virginia* 1999 data book, which measures 27 indicators of the well-being of children and their families, found that the number of births to girls ages 15 to 17 fell by 10 percent from 1996 to 1997. The decline mirrors a national trend, according to Galano.

"Because teen mothers are more likely to be high-school dropouts, poor and on welfare,

any reduction in the number of births to teenagers can have significant benefits for the rest of society," said Galano.

While cautiously optimistic about the improvement, Galano said that the birthrate for teenage mothers in Virginia is still at a level higher than 10 years ago. Even if the rate remains the same, Galano predicts that the births to teenage mothers may increase as much as 15 percent by 2005 due to rising growth in the teenage population.

Overall in 1997, 14 different measures of the well-being of children and their families improved, seven indicators declined and six remained the same.

The safety of children in schools improved markedly in

1997. The number of juveniles arrested for violent crimes declined by 10 percent, school suspensions fell by 15 percent and the number of students caught with weapons in school also declined.

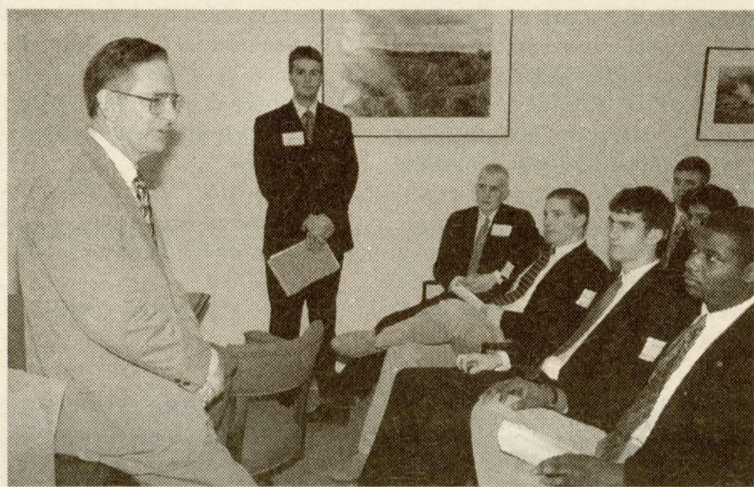
Reflecting changes in federal welfare programs, the number of children in Virginia receiving public assistance in the form of Temporary Assistance for Needy Families (formerly Aid to Families with Dependent Children) declined significantly, from 72.6 per 1,000 in 1996 to 46.01 per 1,000 in 1997.

"We don't know yet what these figures mean," said Galano. "Are these children being lifted out of poverty, or are their families becoming part of the growing population of working poor?"

Virginia made little progress in improving the educational welfare of its children in 1997. Declines were seen in the number of sixth graders who passed all three standardized Literacy Passport Tests and students promoted to the next grade level between kindergarten and third grade. The 1997 rates remained unchanged for early elementary school students whose standardized test scores were above the 25th percentile and the number of high school dropouts.

"While we're not losing ground, we're clearly not moving in the right direction in education," said Galano. "There are

CONTINUED ON PAGE 6.



State Sen. Tommy Norment met with students at the Capital last week to offer words of support for their efforts on behalf of the College.

Students Push Budget Needs With Lawmakers

Margaret Saha exaggerated only slightly when she told lawmakers last week in Richmond how bad conditions have become in the aging and deteriorating Millington Hall.

"This place is unique because we need to come to work with an umbrella inside the building," she said. "And every night we have to cover our equipment with plastic to protect it."

Saha, an associate professor of biology, represented faculty in Millington Hall at the fifth annual legislative breakfast, attended by 23 senators and delegates and Attorney General Mark Earley (B.A. '76, J.D. '82) on Jan. 27 at the Library of Virginia. In addition to Saha and 10 other faculty members including George Bass, president of the Faculty Assembly, members of the Board of Visitors and a group of 25 students organized by the Student Assembly met with lawmakers to discuss William and Mary's budget needs.

Topping the College's budget initiatives for 1999 are the renovation and expansion of Millington Hall and additional support for stu-

dent financial aid. William and Mary has requested funds to begin planning the Millington Hall project and \$420,000 to meet 50 percent of the demonstrated financial need of its students.

Housing the biology department, the fastest growing program on campus, Millington Hall has been increasingly plagued with facility and space problems. Saha recalled for lawmakers how water from Millington Hall's plumbing and roof had leaked into her lab three times in the previous 10 days. She also noted the difficulty in teaching and conducting research in the facility's limited space. Crowded conditions, she said, often force her students to schedule lab time at inconvenient hours.

"All we're asking for is renovated space that doesn't leak," said Saha.

Following the legislative breakfast, the students walked across the street to the Capital, where they met with Sen. Tommy Norment and members of the budget committees.

CONTINUED ON PAGE 6.

Civil War Altered Bill of Rights, Argues Yale Law Professor

Americans tend to think of the Bill of Rights as cast in stone, unchanging in its protection of individuals. Not so, said Yale University Professor of Law Akhil Amar on Jan. 21 at a law school symposium sponsored by the Institute of Bill of Rights Law.

"Our understanding of the Bill of Rights and that of those who actually wrote the amendments are quite different," said Amar, who is the author of *The Bill of Rights: Creation and Reconstruction*. According to Amar, the framers of the first 10 amendments to the Constitution were intent on protecting the rights of states and local governments from an imperial and arbitrary central government, like that of Great Britain.

"The men who had fought the American Revolution conceived of liberty as flourishing in small local units—like the individual colonies—and they feared that a strong central government might infringe upon those rights, unless

they were protected constitutionally," said the author.

The framers' concern is most obvious in the 10th Amendment: "The powers not delegated to the United States by the Constitution ... are reserved to the States respectively ..."

What changed the Bill of Rights is an event that altered the course of American history, the Civil War. Amar believes that the national experience of the war and events leading up to it radically changed public perceptions about the most likely source of threats to liberty. No longer were Americans most fearful of a tyrannical central government, but of state governments that had proved capable of usurping rights afforded to all Americans.

The shift in thinking is signaled, argued Amar, by the key second sentence of the 14th Amendment: "No State shall make or enforce any law which shall abridge the privileges or immunities of citizens of the United States ..."

The inclusion of this phrase in

the amendment designed to govern Reconstruction, argued Amar, forever altered our understanding of the protections guaranteed to citizens by the Constitution.

"Clause by clause, amendment by amendment, the Bill of Rights was refined and strengthened in the crucible of the 1860s. Indeed, the very phrase *bill of rights* as a description of the first 10 amendments was forged anew in these years," said the professor.

Amar was the first speaker in the Institute of Bill of Rights Law Scholarly Symposium Series this spring. The next event will be a one-day conference on the role of the concept of "due process" in the ongoing interpretation of the Bill of Rights. On Feb. 27, panelists from several law schools will discuss issues that arise from these matters. Registration for the conference is \$50 for the general public and free for the university community. More information is available from the Institute at 221-3810. ■

by Bill Walker

President Refutes Admission Study

To the College Community:

I am deeply concerned about allegations made by the Center for Equal Opportunity and the Center for Individual Rights that the College of William and Mary has lowered standards to promote racial diversity. That allegation is false. Every student admitted to William and Mary is fully qualified to be a member of this community.

The study recently released by the Center for Equal Opportunity is deeply and dangerously flawed by an assumption that the only factors which

should be considered in the application process are the applicant's Scholastic Aptitude Test scores and high school grade point average. These measures alone cannot fully assess the potential of any student.

Admission to William and Mary rests on the following principles:

- We have one admission policy, which applies to everyone;
- We do not make admission decisions on the basis of any single factor;
- Every application for admission is judged on its own merits, with a wide variety of factors being

considered; and

• Every student admitted to William and Mary can both succeed academically and contribute to the campus community.

William and Mary is a unique community. The richness of viewpoints, talents, interests, cultures, nationalities and races represented in our student body contributes vitally to what we teach and what we learn.

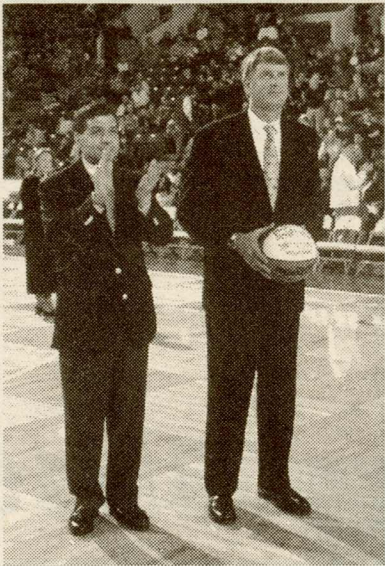
We rejoice in our differences; those differences give us strength. We are determined to preserve them. ■

Timothy J. Sullivan
President

Making headlines

Boston College Retires Driscoll's Number

Boston College retired W&M Athletic Director Terry Driscoll's number 50 basketball jersey at half-time on Jan. 24 during a game against the University of Miami. While playing center for the Eagles from 1966 to 1969, Driscoll set school records as the leading rebounder per game and the 11th leading scorer in Boston College history. At left, Boston College Athletic Director Gene DeFilipo leads congratulatory applause for Driscoll.



William and Mary Volunteerism Recognized

William and Mary representatives captured three of 12 annual volunteerism awards recently presented by the Greater Williamsburg Association for Volunteer Administration. Junior Maren Schmidt was recognized for her fund-raising and home-repair activities on behalf of the Williamsburg Housing Partnership, while the Circle K Club and Project Phoenix won organizational awards.

An adjunct of Kiwanis International, Circle K assists Big Brothers/Big Sisters, Special Olympics and after-school tutoring at Matthew Whaley Elementary School. Project Phoenix was recognized for providing opportunities for youths to participate in workshops, field trips and mentoring relationships.

Also recognized was Jewel Linzy Douglas, a local educator who works with the William and Mary chapter of Alpha Kappa Alpha to provide tutorial assistance to children.

Tax Credits Available To Students

Two new tax credits for tuition called the Hope and Lifetime Learning are available to students effective with the 1998 tax year. The Hope tax credit applies to the first two years of post-secondary education, while the Lifetime Learning credit can be applied to all post-secondary education. As required by the Internal Revenue Service, the College recently sent each student at their "home or permanent address" a tuition payment statement (IRS form 1098-T) and supplemental information to assist students in claiming either tax credit. For more information, visit the bursar's office web site at <http://www.wm.edu/OFSX/News/tra97.htm>.

Plumeri Park To Open March 20

Plumeri Park, the College's new 1,000-seat baseball facility, will be officially dedicated and opened on Saturday, March 20, at 1 p.m. The inaugural event will feature a doubleheader between the Tribe and Penn State University. Inclement weather forced a delay in the previously scheduled opening this month. Games originally scheduled to be played at 3 p.m. in Plumeri Park this month will instead take place in Cary Field and start at 2 p.m.

scholarship

Spanish Exiles And Social Policymaking

NEH awards prestigious research fellowships to modern languages and government professors

Faced with a dark future under totalitarianism following the Spanish Civil War of the late 1930s, more than 30,000 Spaniards—including writers, painters and cinematographers—fled to Mexico, where they established what would become one of the most dynamic intellectual and artistic communities in the Spanish-speaking world.

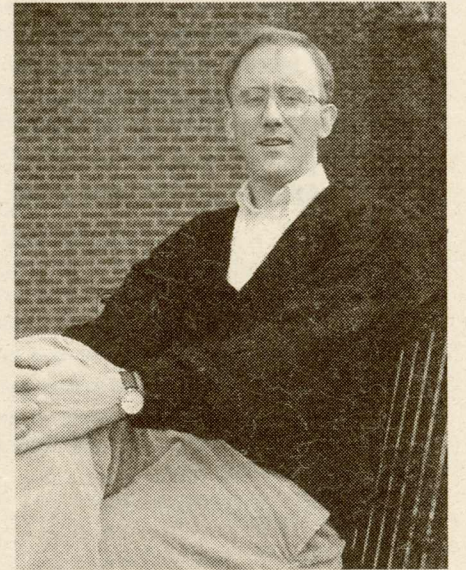
Francie Cate-Arries, associate professor of modern languages, wants to know more about the influences shaping their vision of Mexico as projected through films, paintings and travel narratives. The recipient of one of 173 research fellowships for college teachers and independent scholars from the National Endowment for the Humanities, Cate-Arries will spend the next year studying the works of this famed generation of Spanish exiles that produced painter Remedios Varo and filmmaker Luis Buñuel.

"It's fascinating to see how this community projected an image of Mexico through a lens forged 400 years earlier, when Spain ruled the

country," explained Cate-Arries, whose fellowship includes a \$30,000 grant. "These Spaniards had to reconcile their ancestors' past as conquerors with their new identity as refugees in Mexico. Among other challenges, they had to decide what does a 'good' Spaniard look like."

Having previously championed democratic reform in Europe, many of these Spanish expatriates admired Mexico as a sort of "political utopia" whose democratic revolution, unlike their own, had endured. "In their minds, though not perhaps in reality, Mexico was the land of freedom and justice that they had tried to create in Spain," said Cate-Arries.

A Spanish cultural center in Mexico City will provide much of the material that Cate-Arries will study for her project, titled "New Worlds for Old: Spanish Exiles' Reimagination of Cultural Identities in Mexico." Eventually she hopes to develop her research



Chris Howard hopes his study of social policymaking will reveal patterns in the ways that state governments treat different groups of citizens.

into a book.

Like Cate-Arries, NEH fellowship recipient Christopher Howard also plans to turn his research into a book. The assistant professor of government will use his \$30,000 award to study state-level social policymaking between 1935 and 1980.

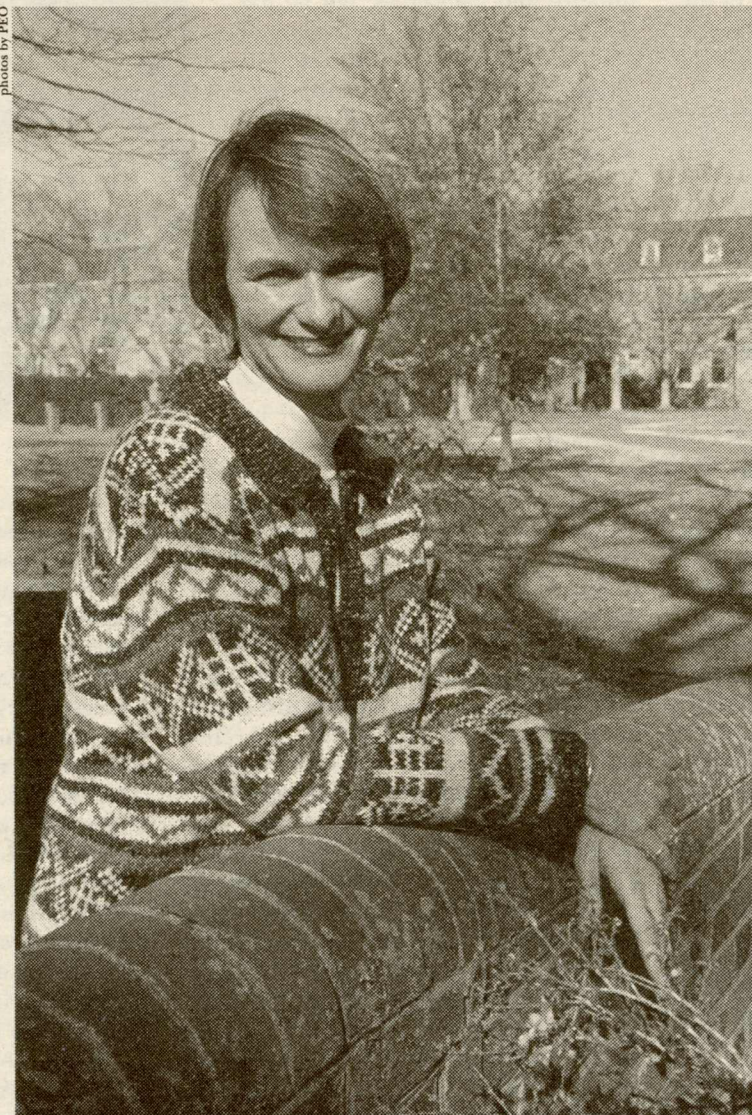
As part of an ongoing study of social policy and citizenship in the United States, Howard wants to determine how states treated different kinds of needy citizens by comparing their experiences in four federal social programs: Medicaid, Temporary Aid to Needy Families (formerly known as Aid to Families with Dependent Children), workers' compensation and unemployment insurance.

"The recent return of power from the federal government to the states has raised my interest in how effectively and efficiently states have administered these social programs in the past," said Howard. "I want to know whether the states differ in how generous they have been with these programs to different types of citizens such as the poor, the middle class, children and the elderly."

In conducting the empirical research for his study, Howard will use the archives of the Social Security Administration and previous monographs on the individual programs. He hopes his research will reveal patterns in state policymaking.

"In the long run," said Howard, "I hope to answer the question, 'Can we generalize about social policy in the states?'"

Howard's 1997 book, *The Hidden Welfare State*, which will be reissued in paperback this spring, argues that the national government funds social welfare through tax credits and deductions and that these programs benefit primarily middle- and upper-income people. ■



Francie Cate-Arries will examine how a prominent group of Spanish exiles came to terms with their new identity as refugees in Mexico.

by Poul E. Olson

c h a r t e r d a y ' 9 9

Karen Locke (right), who will receive the Thomas Jefferson Teaching Award, is known among her students for encouraging them to take charge of their learning.

Senior physics major Tesla Jeltema will be awarded the 1999 Thomas Jefferson Prize in Natural Philosophy. She will be profiled in the Feb. 18 edition of the *William and Mary News*.



Karen Locke: Unlocking Intellectual Independence

Karen Locke, associate professor of business administration, describes herself as a facilitator who cultivates intellectual independence in her students.

"My job as a teacher is to bring to bear my personal and intellectual resources on helping students to connect course material and their own experiences in ways that are meaningful to them," Locke said. "I particularly enjoy the whole process of moving students to the level where they have to figure out *how* they know something, and where they can take charge of an assignment."

In appreciation of Locke's commitment

to fostering students' intellectual independence, the College will award her the 1999 Thomas Jefferson Teaching Award on Charter Day.

The Jefferson Teaching Award was established as a tribute to William and Mary educators who helped shape the young Thomas Jefferson and traditionally honors a younger faculty member dedicated to preparing students for lives of intellectual autonomy.

Locke, who was born and raised in Singapore, received a bachelor's degree in psychology from the University of London and worked for several years in special education. She received her doctorate in orga-

nizational behavior from Case Western Reserve University in 1989 and began teaching at William and Mary that fall.

During the past decade, Locke's specialty—how behavior is organized in work-related settings—has enabled her to reach undergraduate and graduate students on multiple levels. While the content she teaches prepares students for careers, it is relevant to all institutions in which they may work and live, including volunteer groups and even families.

"We all operate inside organizations all the time," Locke said. "It's a sphere of life often taken for granted. I enjoy helping students study the associations they find themselves in, such as athletic teams or campus groups. When they've been through the organizational behavior course, they look at these associations, and their roles in them, quite differently."

Senior Heather Solomon, who has taken classes with Locke and collaborated on a study of telecommuting, says she has benefited academically, and personally,

from Locke's layered teaching method.

"One of the things she has taught me is that in a business setting, conflict and change really produce positive outcomes, if you know how to manage them," Solomon said. "What's really amazing is that you can apply this concept anywhere in your life, not just at work."

An early supporter of the College's freshman seminar system, Locke challenges her first-time college students to take immediate responsibility for learning. This approach benefits students both collectively and individually.

One semester, students were so engaged in Locke's leadership seminar that they actively helped shape class activities and even influenced the curriculum.

Robert Wone '96 credits Locke with his decision to minor in business administration.

"While Professor Locke clearly knew her material well, the twinkling in her eyes hinted at her own excitement when watching us learn," Wone said. "In her excitement

we found our own enthusiasm for the material."

In addition to her enthusiasm, Locke is legendary for broad, open-ended assignments, such as asking students to analyze an organization by issuing a broad prompt like, "What is the problem?"

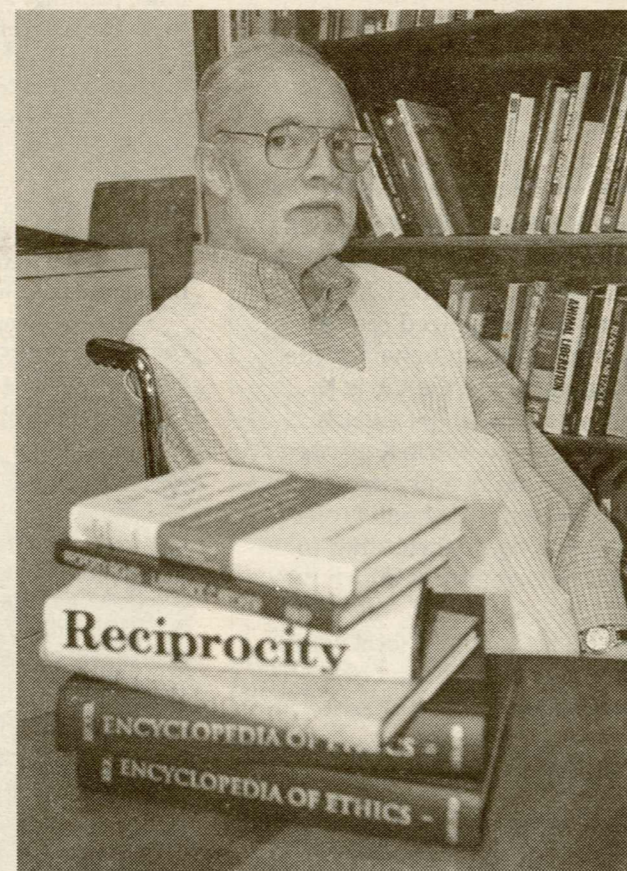
"I make sure that the learning task has a fairly large component that is ambiguous so students have to figure out how to structure the task," Locke said.

This approach leaves some students scratching their heads and exchanging worried glances ... initially.

"At first it's really baffling," Solomon said. "As students, we feel as if she gives us a lot of responsibility, which means there's a more room to mess up. But Professor Locke is really challenging us to think and come up with our own individual applications of what we've learned. I can't think of a better way to prepare for the business world, or for life." ■

by Amy Ruth

Larry Becker: Practicing What He Teaches



Larry Becker, who will receive the Thomas Jefferson Award, defied a crippling childhood encounter with polio to rise to the top of his profession. He has written four books, including most recently *A New Stoicism*.

The Thomas Jefferson Award recognizes character, so there is probably no more worthy recipient of the honor than the individual who receives it at Charter Day on Saturday in Phi Beta Kappa Hall.

Lawrence Becker's life has been all about character—not only his personal life but his teaching and scholarly life as well. In the words of the citation honoring Becker: "In your voice, the Stoic vision of strength of character emerges as what William James called a 'live option' for the contemporary world."

Becker, the William R. Kenan Jr. Professor of Humanities and professor of philosophy, is one of the world's leading experts on Stoicism, a philosophy dating from 300 B.C. that emphasizes the predominance of character in the outcome of our lives.

Becker not only studies and writes about Stoicism, he is a Stoic, a believer in a philosophy for "hard times as well as good times" which suggests that character determines what we achieve in our lives, regardless of the personal circumstances or the situations we are born into, which we normally can't affect.

"Nothing controls my life except me," explains Becker, while seated in a wheelchair in his Williamsburg home. "My life is up to me. It is what I choose to do."

Becker is the modern equivalent of Epictetus, a Greek philosopher and the patron saint of the Stoics who defied Roman authority and, through sheer force of will and character, lived to tell about it and influence generations that came after him. In his life, Becker defied a crippling childhood encounter with polio to rise to the top of his profession and become "a man in full," the title of Tom Wolfe's new best-selling book about a modern-day Stoic.

Becker is not only a master teacher, so

respected that he was nominated and chosen for the Jefferson Award by his students and colleagues, but he has also produced a vast collection of scholarly work. He has written four books, including the recently published *A New Stoicism*, and so many scholarly articles that he quit counting at 50. Along with his wife, Charlotte, he edited *The Encyclopedia of Ethics*, a 1,500-page, 1.5-million word, two-volume reference work with 436 articles from 250 of the world's top philosophers, economists, historians and political scientists.

Becker's journey into Stoicism began on the Nebraska plains where he was born into a family of missionaries, including a father who was a Calvinist minister. When he was 13, during a summer in Hastings, where he was delivering newspapers and selling ice cream and popsicles from a pedal cart, he contracted polio and was hospitalized for nearly three years, including four months in an iron lung.

Although the disease left him disabled from the waist up, it did nothing to damage his spirit. With the support of his parents and two siblings "who wouldn't allow me to lower my expectations," he caught up with his class, despite missing two and one-half years of instruction, graduated with straight A's and enrolled at a nearby college, where he zoomed through at the top of his class and received both the Danforth and Woodrow Wilson Fellowships for graduate school. With the help of an occupational therapist, he learned to write with a pen and pencil secured between his toes with a rubber band and to type with his feet on an IBM selectric typewriter. When he moved to a personal computer in 1984, he was up to 20 words a minute. In fact, he says, his first two

books were written in "long-foot" and then typed by his wife.

At the University of Chicago, Becker lived in a seminary dormitory and hired two students with his stipends to help him with his basic physical needs. He earned a doctorate in philosophy and was quickly hired by Hollins College in Virginia, where he met Charlotte, who was a senior student in his logic class. A year after she received her bachelor's degree in mathematics, they were married and she became a full partner not only in his personal life but in his scholarly endeavors as well. Becker dedicates his latest book to Charlotte, who also holds a master's in library and information studies from Berkeley, describing her as his "best friend."

William and Mary hired Becker away from Hollins in 1969 after 24 years at the Roanoke school and visiting professorships at Oxford, Harvard and Stanford universities. By all counts, it has been proven a perfect match. His Thomas Jefferson citation describes him as a scholar of international

reputation who "provides an enormous source of pride for your colleagues both here at William and Mary and at Hollins College," where Becker remains a fellow. Moreover, notes the citation, Becker shows "us what is possible, which inspires us and leads us to great heights in our own work."

Those words resonate with Becker, who says this award, named for a great man, is a "wonderful thing—I can't imagine it will ever be topped."

"The College has aims that I admire and endorse fully," says Becker. "Students here are just wonderful, extremely bright and hard-working—and good people. I work with many highly talented people who do their job superbly, and that is why this award is such an honor—because it is given on behalf of these people."

"Stoics are not supposed to seek awards," he adds, "but they are supposed to savor them and be glad for them when they are given in this way." ■

The 1999 Thomas Jefferson Award Winners

Of Virtue And Character

h i s t o r y

A Revolution Relived

Pulitzer Prize-winning historian to present series of lectures on American Revolution through the eyes of one Virginian

For Rhys Isaac, the allure of the "New World" in the 1960s was as strong as it had been four centuries earlier, when it enticed English settlers over the Atlantic Ocean.

A history professor at Australia's LaTrobe University, Isaac began his academic career immersed in the French Revolution, but quickly switched to early American history.

"I set out to do a study of ways in which the American Revolution brought on the French Revolution, using Thomas Jefferson as the go-between," Isaac said. "I then followed Jefferson back to Virginia so I could understand where he was coming from, and Virginia simply enchanted me. I've been a Virginia historian ever since."

The decision was a fortunate one, leading to a series of award-winning articles in the *William and Mary Quarterly*, a Pulitzer Prize for his 1982 book, *The Transformation of Virginia, 1740-1790*, and a lengthy association with the College and the Colonial Williamsburg Foundation.

Isaac arrived on campus this past fall as the James Pinckney Harrison Professor of History and Research Fellow and will give three public lectures detailing his latest book project, an examination of the world of Virginia diarist Colonel Landon Carter (1710-1778) of Sabine Hall in Richmond County.

The lecture series, "Out of Enlightenment and Into Revolution: Narratives from a Virginia Plantation" will run Feb. 15, Feb. 22 and March 1, at 7:30 p.m. in Room 201 of Washington Hall. Although the series

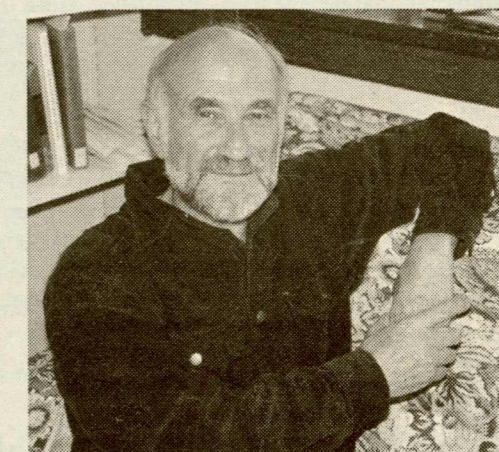
traces a narrative in a three-decade sequence, each lecture will be self-contained.

"The Carter diary is an extraordinary document of the sensibilities of the age of the Revolution," Isaac said. "Carter was a figure full of contradictions. He aspired to a conventional authority role in society, but was caught up in the personal sensibility of the Revolution. It is the conflicted character of the diary, and what it reveals about the coming of the Revolution, that will be the large topic of my three lectures."

The first lecture, "1750s: Reason and the Search for Control, under God's Providence," will examine Carter, who demonstrated a strong sense of reasoned control, as the epitome of the Enlightenment.

The second lecture, "1760s: Troubled Peace and the Unsettling of King and Elders," will detail how Carter's diary reflects the beginnings of the Revolution.

The final lecture, "1770s: With King Lear into the Storm ... Defiances Everywhere," will recount Carter's outrage over changes in authority, particularly how his own authority was challenged, both politically and personally. This lecture is named for an annotation Carter made in his edi-



Couched in history: Rhys Isaac

tion of *King Lear*. Carter's daughter had recently disobeyed her father by eloping, and Carter was commiserating with Lear, as one father to another, on the ingratitude of children.

"In this period, Carter is aware that the very framework of authority is coming unstuck," Isaac said.

In addition to his lecture series, last semester Isaac taught the "Atlantic Revolution in Virginia," and he continues to assist the Colonial Williamsburg Foundation with the training of historical interpreters. ■

by Amy Ruth

campus news

Brain May Have Multiple Internal Clocks

CONTINUED FROM PAGE 1.

Under the single-internal-clock theory, the rats should have consistently missed the feeding times over the long intervals between feedings. Crystal found, however, that the rats didn't always perceive the feeding times incor-

rectly during the long intervals—a finding that strongly suggested the existence of other internal clocks in guiding their behavior.

"If we just had one clock, you wouldn't find this variation in perceptions of time over a long period," said Crystal.

Given these findings and those of other psychologists, Cryst-

tal believes a revised theory is needed to explain how the brain senses time.

"The single-internal-clock theory can explain 95 percent of the variation in behavior," said Crystal. "But it's that 5 percent of contradictory evidence which suggests that a new theory needs to be considered."

In related research, Crystal plans to continue his study of the relationship among perception, memory and one's sense of time.

In previous experiments on this topic, Crystal has used rats to study the effect of the active drug in marijuana, THC.

"Individuals under the influence of THC frequently cite feeling as if their sense of time has been altered," said Crystal, who began his re-

search on this topic at Brown University. "I've found in fact that THC does not change an individual's perception of time, but rather distorts his memory of time."

When under the influence of THC, Crystal said that the brain accumulates "distorted" memories of the time since the drug took effect. Users consequently have no accurate frame of reference to judge how much time has elapsed while they have been under the influence of the drug. Crystal wants to determine if this finding holds for rats that are tolerant to THC and has applied for grants from the National Institute on Drug Abuse and the National Institute of Mental Health.

"We don't know whether it's how the brain adapts to the drug that affects one's sense of time or whether it's the actual effect of the drug on memory," said Crystal. "What we learn from this study will hopefully give us a clearer picture of how perception and memory interact with one's sense of time." ■

by Poul E. Olson



Food for thought: Using computers, Jonathon Crystal can continuously monitor the times when rats look for food. He concluded from his research that the animals have multiple internal clocks driving their behavior.

President Lauds Godwin's Commitment To Higher Ed

CONTINUED FROM PAGE 1.

his first administration, said these accomplishments stand "as a monument to his commitment to higher education in Virginia."

"Gov. Godwin's statesmanlike vision and leadership established a legacy of unprecedented bipartisan achievements for Virginia," said Paschall, who hired Godwin's top assistant, Carter Lowance, as his executive vice president. "Among these he was rightly acclaimed as the 'education governor' in attaining enormous support for the public schools, in establishing the community college system and in his support for higher education."

In addition to his undergraduate degree, Godwin was recognized by his alma mater with an honorary doctor of laws degree in 1966.

Sullivan noted that Virginia, which has been blessed with outstanding leaders, had none greater than Godwin.

"His legacy will endure in numerous ways but perhaps most importantly in the lives of Virginia's young people, whose interests he sought so consistently and so successfully to serve." ■

by S. Dean Olson

Men's Swimming Posts Winning Season

CONTINUED FROM PAGE 1.

Virgin Islands national swim team for three years, assumed the position in October after a visit to William and Mary where his stepdaughter, Kim Boerger, is a junior member of the women's team.

There are other aspects of the swimming program that make its success even more remarkable. Less than a decade ago the program was targeted for elimination

in an economy move in the athletic department. Only after alumni, with the leadership of former swimmer Chris Herr '62 and former coaches Dudley Jensen and Wally Riley, saved the program by raising a \$1.16-million endowment did it live to see another season. Today, the swimming program still awards no athletic scholarships, although most of its competition offers grant-in-aid.

According to Schmelz—who has some personal experience on

the other end of the recruiting process for William and Mary swimmers through his stepdaughter—Skinner and other coaches have sold the program on the basis of the College's academic strength.

"Basically Ned recruited on the overall academic program at William and Mary and the promise of good things to happen in the future," says Schmelz, "and then he left it up to me."

Schmelz, who describes himself

as a "technical coach" who believes strongly that "one never ceases to learn," intends to make those good things happen. Although he's been too busy to get out on the recruiting trail, all of his top swimmers will be back next year, and two others who were academically ineligible will return as well.

"I can't imagine that we can do anything but improve," says Schmelz optimistically. ■

by S. Dean Olson

Students Meet With Lawmakers About College's Budget Needs

CONTINUED FROM PAGE 2.

One of the College's strongest advocates in the General Assembly, Norment praised the students for their "passion" in taking the College's case for funding directly to lawmakers.

As a reminder of the Millington Hall project, students gave lawmakers science beakers containing green and gold jelly beans and rolled parchments that read "Invest in the Elements of Virginia's Future."

William and Mary is the only public college in Virginia in which its students organize a day to meet with lawmakers to garner support for its budget initiatives, according to Michael Fox, director of government relations.

"The senators and delegates really appreciate it when those people who are directly affected by their decisions come to see them," said Fox.

Jim ('60) and Bobbie Ukrop hosted the legislative breakfast for the College. ■

PEO

Kids Study Finds Serious Needs In Education

CONTINUED FROM PAGE 2.

some very serious needs."

This was the third year that Galano and Nezek compiled the data for the *Kids Count* study, a project of the Action Alliance, based in Richmond. The organization's goal is to influence and to develop policies that benefit Virginia's children. Action Alliance released the 1999 data book on Feb. 2 to coincide with Child Advocacy Day in Virginia.

The study was also distributed to all members of the General Assembly.

In addition to amassing the statistics for the printed report, Galano and Nezek have posted the data on the World Wide Web for local governments and service agencies to access. "Our goal is to make this information as accessible as possible to those people who have the ability to change the health and well-being of children," said Galano.

Six undergraduate students and one graduate student from William and Mary helped the psychology professors compile the data for the 1999 edition of *Kids Count in Virginia*. ■

by Poul E. Olson

WILLIAM & MARY NEWS

The next issue of the *William & Mary News* will be published on Thursday, Feb. 18. Deadline for submission of items is 5 p.m. on Friday, Feb. 12, 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.

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, no later than 5 p.m. the Friday before publication.

Poul E. Olson, editor
Marilyn Carlin, desktop publishing
C. J. Gleason/VISCOM, photography
Stewart Gamage, vice president for public affairs
Bill Walker and Amy Ruth, university relations
Kelly Gray, proofreader

athletics

Rowers Named All-Americans



The 1998 Women's First Varsity Eight.

Following on the heels of another successful season for the club sport, three members of the William and Mary rowing team have been named Collegiate All-Americans by the United States Rowing Association.

Tara Eng '98 and junior David Smith were named First Team Collegiate All-Americans, while junior Elizabeth Holt earned an honorable mention. Only 32 rowers in the United States were awarded First Team and honorable mention honors, which are based on academic, athletic and other extracurricular criteria. William and Mary was the only college with a club sport to have rowers receive All-American honors.

Despite being a club program, the William and Mary rowing team competes primarily against varsity programs within the Mid-Atlantic region. Founded in 1985, the program has swelled to 120

members in recent years and has become one of the largest collegiate rowing programs in the country.

In last fall's exhibition season, the Women's Varsity Heavyweight Eight rowed to a first-place finish in the "Club Eight" category at the Head of the Schuylkill Regatta, the world's largest single-day rowing regatta, in Philadelphia. Their time bested crews from most of the Division One programs competing in the regatta. The Women's Varsity Heavyweight Eight and the Wom-

en's Varsity Lightweight Eight were later top finishers in the Mid-Atlantic Region's end-of-fall regatta in Fairfax.

The men's squad, competing in the U.S. Heavyweight and Lightweight Eights, won gold and silver at the World Championships last summer and also placed in the competitions in Philadelphia and Fairfax.

The main racing season begins this spring. The William and Mary rowing team is coached by Charles Ehrlich. ■

staff spotlight

Mark Gettys—Triumph Of The Spirit

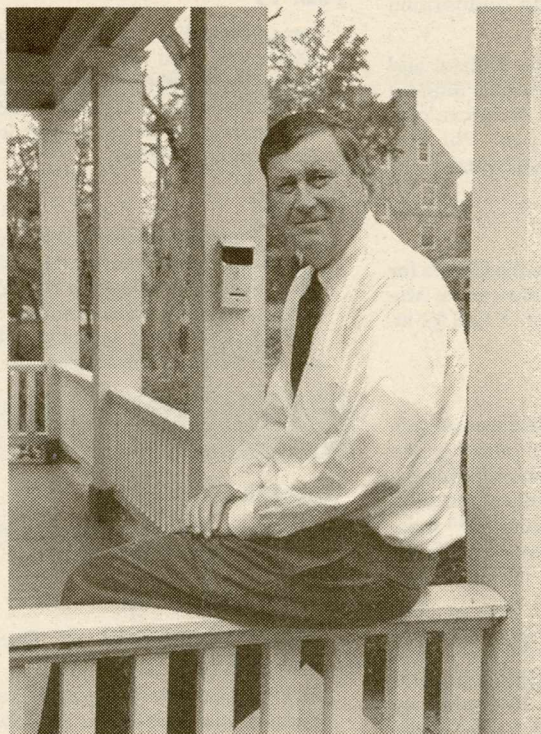


photo by PEO

Two bouts with cancer haven't diminished Mark Gettys' sense of humor or optimistic spirit.

Name: Mark Gettys
Title: Associate Director of Auxiliary Services

Duties: Supervises parking operation, student bus service and ID office and is responsible for computer systems for Auxiliary Services.

Term of Service: Six-and-a-half years. Joined William and Mary in May 1992 as director of parking services and was promoted to present position in 1994.

Most Challenging Part of Job: "Providing the quality service that our customers—faculty, students, parents, visitors, alumni, retirees and visitors—expect of us."

Most Enjoyable Part of Job: "The variety of work and people I get to interface with. No two days are the same. I love the lack of predictability."

Previous Career: Twenty years as an officer in the Army, including 17 as a personnel officer and three in transportation studies. Retired as lieutenant colonel in 1992.

Family: Married 26 years to "my soul mate and fellow army brat Joan, whom I met when I was six and she was four, met again at ages 14 and 12 and dated in college before we were married, when I was 22 and she was 20."

Two sons, Chip, 22, a graduate of Longwood, and George, 20, a junior at Virginia Tech.

Greatest Challenge: Surviving testicular cancer in 1993, which involved surgery and three weeks of radiation treatment and 17 1/2 hours of surgery to remove a brain tumor in 1998, which required five weeks of intense physical therapy and continued rehabilitation for strength, endurance and balance.

Philosophy of Life: Don't sweat the small stuff, value your family and friends, work hard and play hard, laugh a lot and make others laugh as well, be optimistic and look for the good in people.

Public Service: Elected president of United Way of Greater Williamsburg for coming year; first loaned executive from the College to United Way in 1993 and chair of the Greater Williamsburg campaign in 1996. "I am looking forward to serving as president, especially since this is

the 50th anniversary of United Way of Greater Williamsburg. This will be a very exciting year in the life of the community, which is celebrating its 300th anniversary. The College should be quite proud because we are the third largest campaign contributor in this area."

Goal: "To run in the Bermuda Marathon in the year 2000 with my wife Joan, who is a marathon runner and much better than I. I am back up to five miles since my brain surgery, so I have a long way to go. AND to get back to the racquetball court and to compete against my boss, Charlie Maimone, who is a great racquetball player but an even better boss." ■

Compiled by S. Dean Olson

Science Profs Learn Methods Of Teaching Quantitative Skills

Seventy professors from 28 universities and colleges across the country came to William and Mary recently to study innovative methods of building the quantitative skills of students enrolled in earth and planetary science courses.

Offered under the aegis of Project Kaleidoscope—a nationwide effort to enhance the teaching of science—the program at William and Mary was coordinated by Associate Professor of Geology Heather Macdonald. Professors from as far away as the University of Arizona and Washington State University attended the conference, which addressed the needs of both majors and non-majors enrolled in earth and planetary science courses.

Workshop sessions spotlighted effective models, demonstrated how computers can aid quantitative instruction and highlighted the connections between quantitative skills in the earth and planetary sciences and broader campus and societal issues regarding mathematical and scientific literacy.

Nominations Of Exceptional Employees Sought For Duke Award

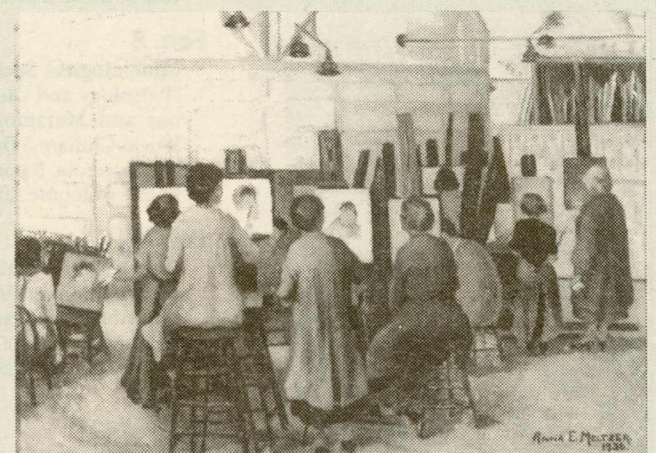
Nominations are sought for the Charles and Virginia Duke Award, to recognize individual contributions to William and Mary of exceptional non-student, non-instructional-faculty employees of the College. Established by Charles and Virginia Duke, the annual award honors employees of the College or one of its auxiliary service contractors. Nominees may work full or part time. In addition to a substantial cash prize, the recipient will be recognized at Commencement and his or her name will be placed on a public plaque. Nominations are due to Nancy Nash in the Office of Personnel Services no later than Feb. 12. Nominations submitted last year will be carried over to this year. For more information, call Nash at 221-2743.

Burns Donates 14 Paintings To Muscarelle

Gene and Mary Burns, who established an art acquisitions endowment fund at the Muscarelle Museum of Art, have recently agreed to donate 14 paintings from their own collection to the Museum.

These 19th- and 20th-century works, which will be on display Feb. 6 through March 14, have been on loan to the Museum for the past five years. Among the pieces are works by Reynolds Beal (1866-1951), Alfred Thompson Bricher (1837-1908), Herman Herzog (1831-1932), Anna Meltzer (1896-1976), Robert Emmett Owen (1878-1957), Milne Ramsey (1847-1915), Frederick Judd Waugh (1861-1940), Worthington Whittredge (1820-1910) and Guy Wiggins (1883-1962).

"We are very grateful to the Burnses for being such exemplary supporters and for recognizing the Museum's need to build a meaningful and cohesive painting collection," said Museum Director Bonnie Kelm.



"Alexander Brook's Art Class, Art Students League, 1936," by Anna Meltzer (American, 1896-1976) is among the 14 paintings donated by Gene and Mary Burns.

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, Feb. 12, e-mailed to wmnews@mail.wm.edu or faxed to 221-3243. Items may be edited for clarity or length. Call 221-2644 for more information.

Tonight

Swem Savories, a tasting of Williamsburg's finest restaurants to benefit Swem Library. 6-8 p.m., Botetourt Gallery, Swem Library. A concert by Voices of the Future will follow in Phi Beta Kappa Memorial Hall.

Dialogue on Environmental Justice Series: Lois Gibbs, founder of the Love Canal Homeowners Association and organizer and advocate for the Center for Health, Environment and Justice, will speak on the origins, development and prospects for the environmental justice movement. 7:30 p.m., Commonwealth Auditorium, University Center. 221-2465.

Feb. 5 and 19

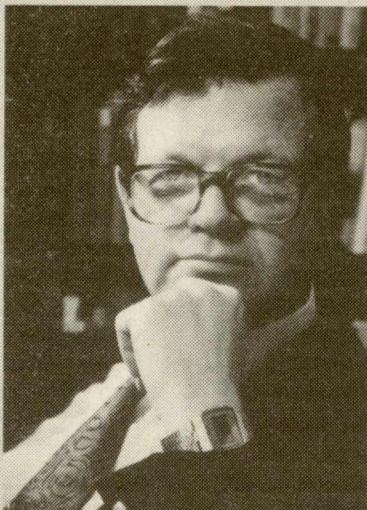
Information Sessions for Prospective Marshall-Wythe Law School Students: providing information on the school's programs, application procedures, admission and financial aid, career services and curriculum. 9 a.m.-1 p.m., Law School. 221-3785.

Feb. 5

Psychology Colloquium: "Optimal Foraging by Birds: How Do They Get This Good?" Daniel Cristol, assistant professor of biology. 3:30 p.m., Millington 211. 221-3872.

Cohen Forum Features Pulitzer Prize-Winning Author

Garry Wills, professor of history at Northwestern University, will be the speaker at this year's Elliott E. and Helen Y. Cohen Forum on Feb. 5 at 8 p.m. in the Commonwealth Auditorium of the University Center. Wills is the author of *Certain Trumpets*, *John Wayne's America: The Politics of Celebrity* and the Pulitzer Prize-winning *Lincoln at Gettysburg*. The forum, sponsored by the Roy R. Charles Center, is free and open to the public.



Garry Wills

Lord Botetourt Auction, sponsored by the William and Mary Tribe Club, to benefit scholar athletes at the College. 7 p.m., Trinkle Hall. Tickets \$100. 221-3350.

1998-99 Elliott E. and Helen Y. Cohen Forum: "The Nation's Moral Condition," a talk by Garry Wills, Pulitzer Prize-winning historian. 8 p.m., Commonwealth Auditorium, University Center. Free, no tickets or reserved seats. Open to the public. 221-2460.

Feb. 5, 12

Physics Colloquia: "Almost Absolute Zero: The Story of Laser Cooling and Trapping," William Phillips, 1997 Physics Nobel Laureate (Feb. 5). "Probing the Charge Structure of the Neutron," Richard Madey, Thomas Jefferson National Accelerator Facility (Feb. 12). Both events are at 4 p.m., Small 109. 221-3501.

Feb. 6

Charter Day ceremony, 10 a.m., Phi Beta Kappa Memorial Hall. For a complete schedule of Charter Day events, call 221-1365.

Lecture: "Oceanography in Antarctica: Ice is Nice," Walker Smith, Department of Biological Sciences, VIMS. 2 p.m., James Blair 229. (804) 684-7011.

Filipino-American Culture Night. Sponsored by the Filipino-American Student Association. 7 p.m., Commonwealth Auditorium, University Center. 221-2300.

Concert: Performance by the William and Mary Choir and Botetourt Chamber Singers, dedicated to the memory of American conductor Robert Shaw. 7:30 p.m., Phi Beta Kappa Memorial Hall. Free and open to the public. 221-1085.

Feb. 6 and 13

Winter and Spring Gallery/Studio Classes for Children. 10:30 a.m.-noon, Muscarelle Museum. Fee. Registration required. Call for information. 221-2703.

Feb. 7

Muscarelle Museum Winter Tea: featuring elegant English tea tables and showcasing new acquisitions and the exhibition "All-Stars: American Sporting Prints from the Collection of Reba and Dave Williams." 3-5 p.m., Muscarelle Museum. Tickets are \$6 for adults, \$4 for students and children. 221-2707 or 221-2710.

Feb. 8; March 3; April 8, 27

Visit with the President: Individual students or small groups may make 10-minute appointments (between 4 and 5 p.m. at the Brafferton) with President Timothy Sullivan to discuss issues that concern them—or just to chat—by contacting Lilian Hoagland at 221-1693 or e-mailing her at Inhoag@wm.edu to make a reservation.

Feb. 8

Mineralogical Society of America Lecture: "Petrology and Global Warming: How Igneous and Metamorphic Processes Change World Climate," Donna Whitney, University of Minnesota. 5 p.m., McGlothlin-Street 230. Public welcome. 221-1813.

Feb. 9

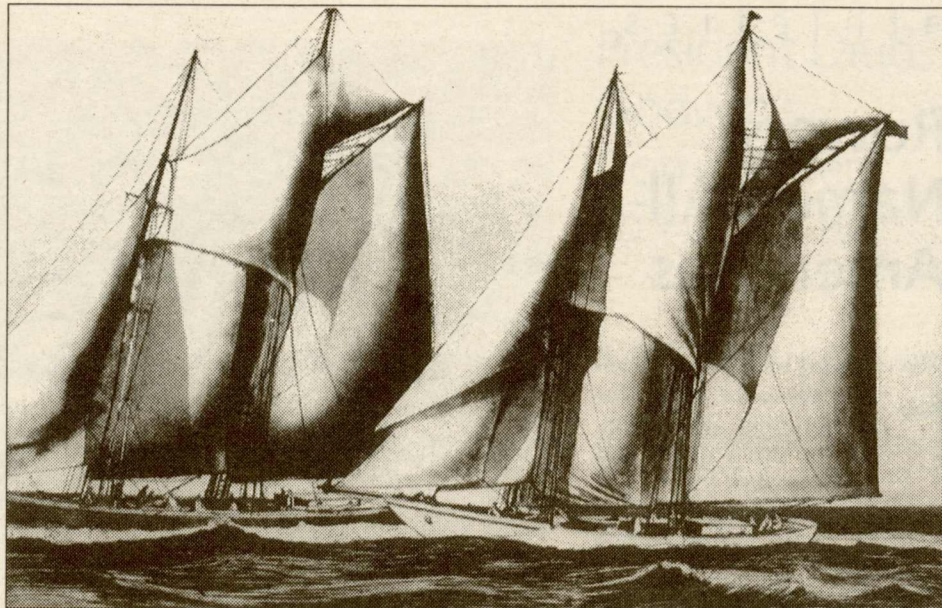
Hourly and Classified Employees Association (HACE) General Meeting: "Virginia Sickness & Disability Program Update," Rita Metcalfe, assistant director of personnel services. Noon-1 p.m., Chesapeake A, University Center. 221-2741.

Feb. 9, 16

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

Feb. 9, 24; March 31; April 12, 22

Lunch with the President: Students may sign



Sail Away At The Muscarelle

This untitled etching and aquatint of yachts by Earl Horter (1883-1940) is on display at the Muscarelle Museum of Art as part of the exhibition "All-Stars: American Sporting Prints from the Collection of Reba and Dave Williams," organized by the American Federation of Arts.

up to attend an informal, hour-long lunch hosted by President Timothy Sullivan at noon in the President's House. April 22 is reserved for four-year roommates. Contact Lilian Hoagland at 221-1693 or e-mail her at Inhoag@wm.edu to make a reservation.

Feb. 12-14

Asian-American Student Conference: Focus on Asian Culture Emerging in Society (F.A.C.E.S.). For a complete schedule of events and listing of speakers, visit the web page at <http://www.wm.edu/SO/AASC99> or call 221-5551.

Feb. 13

Lunar New Year Banquet. Sponsored by KASA, CSO and VSA. 6 p.m., Chesapeake Rooms A, B and C, University Center. Tickets \$6, available in advance in the lobbies of the Campus Center and University Center or at the door. 221-2300.

Feb. 15

James Pinckney Harrison Lecture in History: "Out of Enlightenment and Into Revolution: Narratives from a Virginia Plantation." Rhys Isaac, Pulitzer Prize-winning historian, LaTrobe University, Australia. See article on pg. 5. 7:30 p.m., Washington 201. 221-3720.

exhibitions

Through March 14

"All-Stars: American Sporting Prints from the Collection of Reba and Dave Williams."

Through June 1999

"Recent Acquisitions of Contemporary American Art."

Both exhibitions are on display 10 a.m.-4:45 p.m. weekdays and noon-4 p.m. on weekends at the Muscarelle Museum.

sports

Feb. 6

Basketball vs. VCU, 2 p.m., W&M Hall.

Feb. 9

Baseball vs. Norfolk State, 2 p.m., Cary Field.

Feb. 10

Basketball vs. George Mason, 7 p.m., W&M Hall.

Feb. 12, 13, 14

Baseball vs. Coppin State, 2 p.m. (Feb. 12); 1 p.m. (Feb. 13, 14), Cary Field.

Feb. 17

Basketball vs. James Madison, 7 p.m., W&M Hall.

For additional information, call 221-3368.

looking ahead

Feb. 19-21 and 25-28

William & Mary Theatre: "The Beggar's Opera." 8 p.m. (Feb. 19, 20, 25, 26 and 27) and 2 p.m. (Feb. 21 and 28). Box office opens Feb. 8. 221-2674.

community

Feb. 6

"Choices," A Planning Workshop for parents of middle- and high-school students, sponsored by the Williamsburg-James City PTA Council and the Schools Guidance Office. 9 a.m.-1 p.m., James Blair Middle School, Williamsburg. For a complete list of sessions, call Mary Ann Maimone at 253-8447 or Gary Waynick at 253-6777.

March 28 and 30, May 1

Williamsburg's 300th Anniversary Celebration: Two piano concerts by Bruce Hornsby will be given, to benefit the Williamsburg Land Conservancy, March 28 and 30 at 7:30 in Phi Beta Kappa Memorial Hall. Reserved seat tickets are \$15 (for W&M students) and \$30 and \$100 for premium tickets, which include a post-concert reception with Hornsby. Tickets are available at the PBK box office (221-2655), Echoes Tapes (220-3246), Squires Music (220-8440) and the University Center (students only). Visit the web site at <http://members.aol.com//BrHornsby> for a limited number of mail-order tickets.

The National Symphony Orchestra will perform on May 1 at 7:30 p.m. in William and Mary Hall. Tickets are available at the Williamsburg Treasurer's Office, 401 Lafayette St., weekdays, 8 a.m.-4:30 p.m. or through Ticket-Master at 872-8100. Tickets are \$45, \$25 and \$18. Persons under 18 and students with school ID may purchase \$25 or \$18 tickets for \$8.

classified advertisements

FOR SALE

Beautifully landscaped, quality Cape Cod on wooded private cul-de-sac. First-floor master BR plus 3 BRs and bonus room upstairs. FR with fireplace. Hardwood, tile and carpeted floors. Dual-fuel heat, "tilt-in" double-pane windows, central vac, fenced backyard. \$222,000. Call Manette Thornburg at 220-5701 or McCordle Realty at 253-5686.

FOR RENT

1-BR apartment with LR, bath and kitchen. Walking distance to campus, near shopping center. \$425/mo., includes heat. Available May 15. Call 221-2167 or 259-4652.

WANTED

United Way of Greater Williamsburg is seeking volunteers to work 8 to 10 hours in March and April. No experience necessary, training provided. Call Terry McCray at 253-2264 by Friday, Feb. 12.

Power converter (the little black box) with the output specifications: 1 VAC and 1000mA (= 1V / 1A). Call Andreas Stargard at 259-0814.

Married couples for a two-hour psychology study. Earn \$30 and a chance to win \$250. Scheduled at a time and place convenient for participants. Call Suzanne Hurst at (800) 484-7744, code 6094.

Professor seeking help with housework on Sunday afternoons. \$7.50/hr. Must have own transportation. Call 221-2013.