

WILLIAM & MARY

NEWS

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"We've Heard the Wake-up Call"

Sullivan calls for community game plan for development

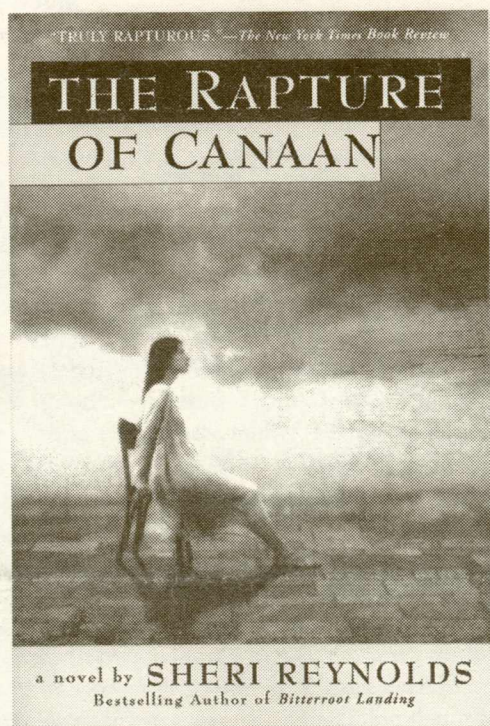
Oprah Chooses Novel By English Prof

Talk-show host Oprah Winfrey has chosen for discussion on her television program a novel by Sheri Reynolds, visiting assistant professor of

English at the College. *The Rapture of Canaan* is Reynolds' second novel and was published by Putnam's Sons in 1995.

The novel is the story of Ninah, a young woman growing up in an isolated community dominated by the Church of Fire and Brimstone and God's Almighty Baptizing Wind. When Ninah falls in love with her prayer partner from the church, she struggles with the task of reconciling her devotion to the church with the calling of her heart.

In describing the novel, the *New York Times Book Review* said that "Ms. Reynolds's poetic gifts are uncommonly powerful."



"At William and Mary, we've heard the wake-up call" of accelerating regional growth, President Timothy J. Sullivan told community leaders last week. Speaking before the Williamsburg Kiwanis Club, Sullivan pledged the College's assistance in preserving Williamsburg's special qualities, while promoting compatible economic development that would take full advantage of the institution's intellectual assets. Sullivan's presentation was timed to coincide with the release of a College-sponsored consultant's report on the future of the region, called "Community at a Crossroads."

"Williamsburg is indeed at a crossroads—confronted by choices both large in scope and fundamental in character," Sullivan told the Kiwanians. "Communities across the country that failed to heed the early warning signals, and make the difficult choices, have paid the price. Our responsibility is to ensure that Williamsburg will not be one of them."

To avoid the strip malls and traffic jams inherent in incremental, haphazard development, the president called for the formation

of a "model development district" surrounding the Route 199 corridor. To be composed of the local jurisdictions, primary landowners, Colonial Williamsburg, Eastern State Hospital and the College, the district would help articulate a vision for the corridor that would enable the area to capitalize on its assets, preserve College Woods and Lake Matoaka and develop

concerted effort to take advantage of William and Mary's intellectual assets.

"Sixty years ago, this community retrieved its legacy and changed its course," said Sullivan. "Our job today is to reinvent ourselves once again, returning Williamsburg to where it began: the crossroads of the Commonwealth."

Greater Williamsburg's popu-

"Communities across the country that failed to heed the early warning signals, and make the difficult choices, have paid the price."

— President Sullivan

an economic strategy for the 21st century that is consistent with the community's special role in American life.

The 25-page report recommends, among other items, that the community explore the creation of a corporate park to attract professional jobs, to diversify the area's economy and to make a

lution is expected to grow by 27 percent between 1995 and 2010, says the report, completed for the College by Andrew Reamer & Associates of Brookline, Mass. In particular, James City County is expected to grow by 35 percent.

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The Multimillion-Dollar Volunteer

NFL star Steve Christie hasn't forgotten his roots

How much does it cost to hire a million-dollar National Football League kicker to help coach your soccer team?

Nothing, if the team is William and Mary, and the player is Steve Christie '90 of the Buffalo Bills.

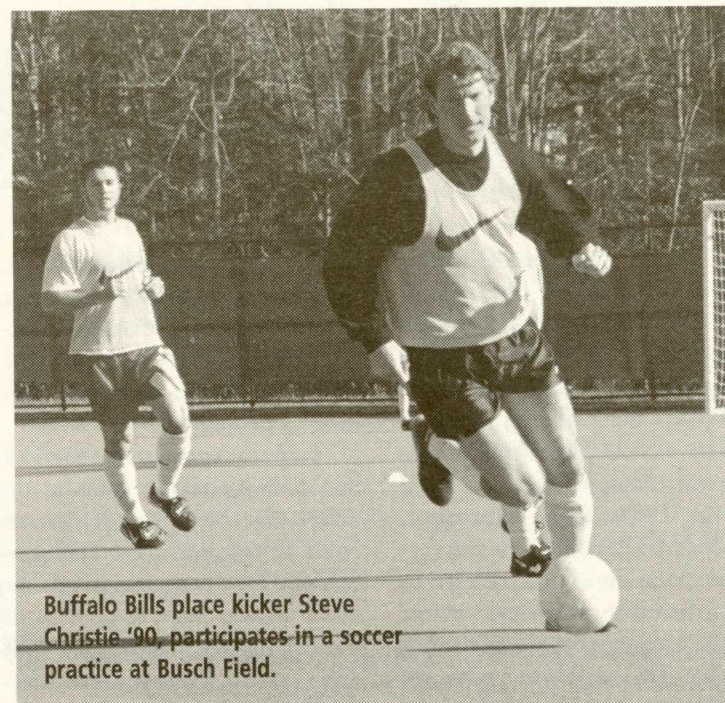
Christie, who punted and lit

up the scoreboard with extra points and field goals for the Tribe football team from 1986 to 1990, recently returned to Williamsburg, where his wife's great-aunt Jeanne B. Etheridge '39 lives, and bought an off-season home in Kingsmill. Christie has remained in touch with William and Mary and its coaches since he first joined the

NFL with Tampa Bay as a free agent seven years ago, so men's soccer coach Al Albert asked him to help out during the spring practice season. A devoted soccer fan and player since his grammar school days in Canada, Christie readily accepted.

He now spends three afternoons a week at Busch Field practicing with the soccer team and playing the game he loves even more than football. Albert, who describes Christie as "a very down-to-earth guy," says the NFL star

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Buffalo Bills place kicker Steve Christie '90, participates in a soccer practice at Busch Field.

Photo by Paul E. Olson

Revised Lag Pay Plan Takes Effect June 1

Full-time employees will not notice a difference in their paychecks

Although full-time employees will not notice a difference in their paychecks, lag pay will take effect June 1.

Gov. George Allen signed the legislation late last month, which creates a six-day lag between the end of a pay period and the time when an employee is actually paid. The legislation, which was revised during the latest General Assembly session in response to the widespread concerns of state employees, provides full-time faculty and

classified employees a payment in the June 16 paycheck to offset the transition to the lag pay system. Paychecks will continue to be issued on the 1st and 16th of each month.

Under the existing system, paychecks are issued for work performed during the pay period immediately before the issue date. With lag pay, pay periods will cover the 10th through the 24th and the 25th through the 9th of each month. The six-day lag be-

tween the times when someone performs the work and when they are actually paid is designed to enhance administrative efficiency in payroll and to bring the state system in line with the payroll practices of the private sector.

The shift to lag pay takes place with the June 16 check, which will cover work performed June 1-9 and include the transition payment. Lag pay is fully instituted with the July 1 paycheck, which covers work performed June 10-24.

"Because the legislation did not specifically address all classifications of employees at public universities, we still have to resolve a number of issues," said

Gretna Smith, director of personnel services.

Smith encourages departments that are hiring new classified employees to set start dates for either the 10th or 25th of the month, in accordance with the beginning of the revised pay periods. She added that under the lag pay system new employees will not receive their first paycheck until approximately three weeks after they begin employment.

Any questions regarding lag pay should be addressed to Smith at ext. 13153 or to Bert Brummer, director of financial operations, at ext. 11218. ■

by Poul E. Olson

Diversity In Faculty And Administration Improving

But Sullivan determined to pick up the pace

Diversity among the faculty and administration continues to improve, but the College still has a long way to go, President Timothy Sullivan told members of the faculty of arts and sciences last Tuesday.

Sullivan reported that the College has made modest improvements since 1992 in the number of women and people of color who hold and retain faculty and administrative posts.

"But despite the gains, I don't find myself entirely comfortable with the numbers," he said. "How the composition of our faculty evolves will have important implications for the kind of institution that we will become."

The demographics of the faculty have changed markedly over the last three decades, noted Sullivan. In the 1960s, the faculty was made up overwhelmingly of white males. Today, women account for one quarter of tenured and tenure-tracked faculty, while people of color hold 8.6 percent of these positions.

Gains made in faculty diversity have taken place largely since the late 1980s, when faculty hired in the 1960s began retiring in record numbers. Sullivan said that hires made since then have led to a profound generational change in the composition of the faculty.

In 1996, professors under age 40 accounted for 21 percent of ten-

ured and tenure-eligible faculty. Professors under age 50, meanwhile, made up 50 percent of tenured and tenure-eligible faculty.

Sullivan encouraged senior faculty members to take an active role as mentors to their younger colleagues. "We cannot depend on the familiar faces to carry the entire load as those who have been leaders of the College retire," said Sullivan. "We must help the younger faculty to step in and to fill critical roles as leaders of the institution."

Sullivan lauded the gains that women, in particular, have made in earning tenure over the last five years. Twenty-one percent of tenured and tenure-eligible faculty were women in 1992. By 1996, that figure had risen to 25 percent.

"The numbers suggest that not only are we hiring more women at the junior level, but that they are succeeding here," said Sullivan.

People of color have made some progress but not as much as

18 positions in administrative and professional faculty in 1992. By 1996, they held 22 positions.

"The trends give me encouragement that we're heading in the right direction. But we have far to go," said Sullivan, adding that the administration is deeply committed to working with the faculty to retain and to attract women and minorities. "We have got to do more, and we are going to do more."

Also at the meeting, Sullivan commended Acting Dean Robert Archibald for doing "an outstanding job" and providing "honorable, tough-minded leadership" during the transition to new leadership in the School of Arts and Sciences. The appointment of a new dean will be announced following the April 24-25 meeting of the Board of Visitors.

Provost Gillian Cell also updated Arts and Sciences faculty on several initiatives by the State Council of Higher Education. A

"The trends give me encouragement that we're heading in the right direction. But we have far to go."

hoped for, the president said. People of color held 5.9 percent of tenured and tenure-eligible faculty positions in 1992. In 1996, 8.6 percent of these positions were held by people of color.

Sullivan reported that some of the most significant gains in diversity over the last five years have come in administrative and professional faculty appointments. In 1992, women held 42 percent of these positions. That figure had risen to 53 percent last year. People of color, meanwhile, held

draft report will soon be available electronically of a statewide assessment of faculty productivity. Preliminary figures place the average faculty productivity rate statewide at 55 hours per week. SCHEV determined that William and Mary faculty work an average of 56-57 hours per week. One unnamed state institution, Cell said, reported to SCHEV that its faculty

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Earth Week Features Earth Day Founder



Gaylord Nelson

Earth Day founder Gaylord Nelson, counselor of the Wilderness Society and former U.S. senator from Wisconsin, will address the topic of "Sustainable Development in the Domestic Policy Arena" on April 15 at 7 p.m. in Trinkle Hall. The lecture is sponsored by the sociology department.

Nelson describes a sustainable society as "one that meets the needs of the present without compromising the ability of future generations to meet their own needs."

Nelson has a long history of dedication to the environment through public service. *Environmental Quality* magazine once described him as the leading environmentalist in the U.S. Senate.

Nelson has been with the Wilderness Society since 1981 and is currently focusing on the combined issues of population growth and sustainability. He served 10 years in the Wisconsin Senate, was twice elected governor, and in 1963 began an 18-year career in the U.S. Senate.

The lecture is free and open to the public.

EARTH WEEK '97

April 14: "Fire and Global Change: A Hot New Environmental Issue," Joel Levine, senior research scientist, NASA Langley Research Center, 7 p.m., Blair 221.

April 15: "Sustainable Development in the Domestic Policy Arena," Gaylord Nelson, 7 p.m., Trinkle Hall

April 15: "Overview of Langley's Atmospheric Science," Jerry Newsom, assistant chief for atmospheric sciences division, NASA Langley Research Center, 7 p.m., Blair 229.

April 16: "Third Rock from the Sun: A View from the Far Side," Gyde Lund, international resource liaison with the United States Department of Agriculture Forest Service, 7 p.m., Washington 201.

April 17: "Atmospheric Ozone," Jennifer Olsen, research scientist, NASA Langley Research Center, 7 p.m., Washington 201.

April 19: Earth Day celebration, including service projects, information booths and music. Event begins at 12:30 p.m. at the Lake Matoaka Amphitheater.

April 23: "Clouds from Both Sides," Lin Chambers, research scientist, NASA Langley Research Center, 7 p.m., location to be announced.

For information about all events except Nelson's talk, call Elaine Kelley at 221-7957.

MAKING HEADLINES

Warner To Deliver Public Policy Lecture

Mark Warner, a telecommunications executive and candidate for the U.S. Senate from Virginia in 1996, is scheduled to deliver a lecture on April 15 at 7 p.m. in Andrews 101. The lecture, titled "Today's Challenges in Preparing for Tomorrow's World: Technology and Public Policy," is free and open to the public.

Warner participated in a televised debate with Sen. John Warner at William and Mary this past September. He returns to campus to address issues raised by the interaction of technology and public policy.

A self-made millionaire in the telecommunications industry, Warner co-founded both the Columbia Capital Corporation and Nextel (formerly Fleet Call). Currently he serves as managing director of Columbia Capital Corporation, acting as the lead broker in numerous cellular transactions, including mergers, acquisitions and trades.

The April 15 lecture is sponsored by William and Mary's Thomas Jefferson Program in Public Policy. The public is advised to arrive early.

McDonough To Keynote ROTC Commissioning

Due to a scheduling conflict, Barry McCaffrey, director of the Office of National Drug Control Policy, has canceled his scheduled talk at the commissioning ceremony for ROTC students and their parents, scheduled for May 10.

Retired Army Colonel James McDonough, who currently serves as director of strategic planning in the Office of National Drug Control Policy, will deliver the keynote address in McCaffrey's place.

In addition to two other books, McDonough wrote *Platoon Leader*, which served as the basis for Oliver Stone's 1986 movie *Platoon*. He also served as director of the Army's School for Advanced Military Studies and served as military assistant to the Supreme Allied Commander in Europe.

Former Chesapeake Corp. Executive To Give Business School Commencement Address

Paul Dresser Jr., former chief operating officer of Chesapeake Corporation, will deliver the commencement address to graduates of the School of Business Administration.

Dresser retired from Chesapeake Corp. last year after 15 years with the Richmond-based paper and packaging company. He served as chief financial officer and chief operating officer and director.

In 1983, Dresser was elected to the School of Business Advisory Board and served as president of the board from 1990 to 1992. He continues to be involved in the issues of higher education, health care, foundations and local and state government.

Davison Douglas Named Director Of Institute Of Bill Of Rights Law

Davison Douglas, professor of law, has been named director of the Institute of Bill of Rights Law, effective July 1. Douglas has written extensively on desegregation of the public schools in the South and has authored numerous publications on constitutional history. He holds a J.D. and a Ph.D. in history from Yale and an M.A.R. from Yale Divinity School. He has been a member of the law school faculty since 1990.

Douglas succeeds Professor Rod Smolla, who has served in the director's post for the past eight years.

swem library

Famed Cartoonist Donates Life's Work To Swem

Hugh Haynie '50 did his first political cartoons for The Flat Hat

Hugh Haynie '50, retired political cartoonist for the *Louisville Courier-Journal*, is donating nearly 5,500 original works spanning 37 years as a newspaperman to The College of William and Mary.

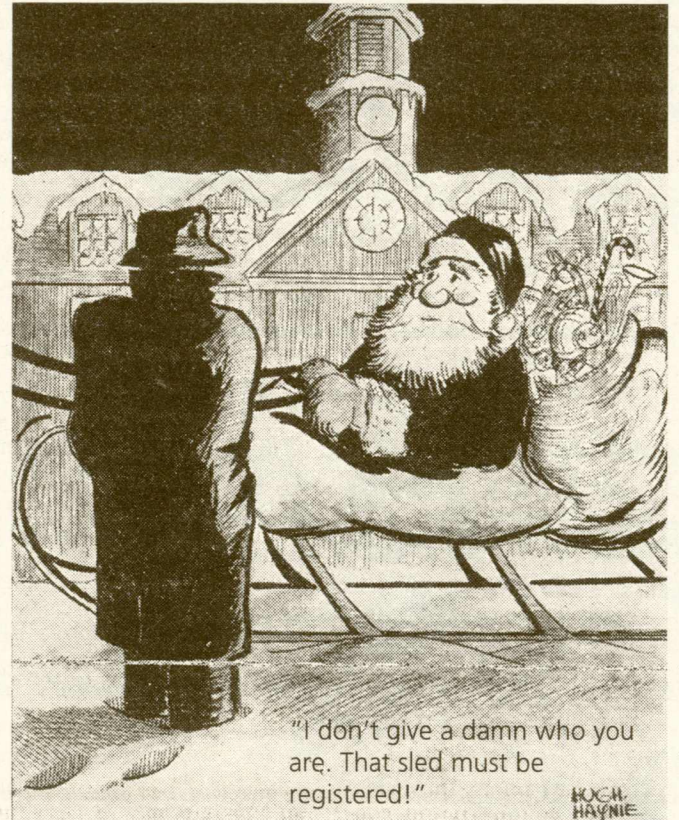
During his prolific career, Haynie's cartoons ran in syndication in more than 40 newspapers, including *The Los Angeles Times* and *The New York Times*. His works also appeared regularly in *Time* and *Newsweek* magazines.

After early stints at the *Richmond Times-Dispatch* and at newspapers in Greensboro, N.C., and Atlanta, Haynie was hired in 1958 at the *Louisville Courier-Journal*, where he quickly made a name for himself satirizing local, state and national politicians.

A World War II veteran, Haynie entered the College in 1946 under the Armed Forces GI Bill. The cartoonist pursued a traditional, liberal arts education at William and Mary, first taking a "smorgasbord" of classes and then eventually pursuing a major in fine arts.

It was as a staff member of *The Flat Hat*, however, that Haynie discovered his calling as a cartoonist. His first cartoon appeared on the sports pages of the newspaper on Oct. 21, 1947.

Later that year, Haynie penned his first cartoon that was critical of the establishment. Drawn in response to the administration's



Reproductions courtesy of University Archives.

Hugh Haynie's first political cartoon, which appeared in *The Flat Hat* on Dec. 16, 1947, satirized the College administration's policy prohibiting students from having cars on campus.

policy of prohibiting students from having cars on campus, the cartoon showed then-Dean of Men John Hocutt addressing Santa in his sled in front of the Wren Building. "I don't give a damn who you are," read the caption. "That sled must be registered!"

Haynie, who was also a fraternity brother in Pi Kappa Alpha, doesn't take tremendous pride in the artistry of those early works. "My lord, did I draw that [sled] cartoon with my foot," said Haynie, in a recent interview from the office that he continues to maintain at the *Courier-Journal*. "That was just a terrible piece of work. But I guess it did make a point." Haynie credited the College for cultivating not his artistic talent, but instead his ability to think originally and analytically. "Not too many cartoonists come out of William and Mary," he said. "I see this gift as payback for all the school has done for me."

While he didn't master the artistic mechanics of drawing cartoons until well after he

graduated, Haynie recalled that his works in *The Flat Hat* were unprecedented for their criticism, however mild, of the College administration and its policies.

"In retrospect, they were pretty timid things," said Haynie. "If we had really done our job, we should have taken on a lot of things. But I guess it was an act of self-preservation. They probably would have shut us down if we had gone too far."

In his professional career, Haynie did not hold back when it came to taking on politicians in Kentucky and in Washington, D.C.

The cartoon that generated the most response focused on the Watergate scandal and President Richard Nixon. In a Jan. 10, 1995, article in the *Courier-Journal*, Keith Runyon, opinion editor of the newspaper described Nixon and Haynie as "natural adversaries." "The one's political ups and downs were vital grist for the latter's talents," he wrote.

Haynie didn't enjoy the warmest relationship with Nixon. John F. Kennedy and Lyndon Johnson,

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Haynie drew this cartoon for the 1976 presidential debate between Gerald Ford and Jimmy Carter, which was held in Phi Beta Kappa Memorial Hall.

Candidates For Library Dean Begin Campus Visits

The Library Dean Search Committee announces that six candidates for the position of Dean of University Libraries will visit campus for interviews through May 2.

Dates of the candidates' visits and their current affiliations are: April 7-8—Connie Kearns McCarthy, associate university librarian, Duke University; April 10-11—Gary Hunt, associate dean of libraries, Ohio University; April 14-15—James Rettig, assistant dean of libraries, College of William and Mary; April 21-22—Richard Bazillion, dean of library & information services and professor of history, Winona State University; April 28-29—Carol Pfeiffer, associate university librarian, University of Virginia; and May 1-2—Virginia Steel, head of social sciences and humanities library, University of California, San Diego.

A wide range of faculty, students and library staff have already been invited to open meetings with the candidates during their visits. Other members of the university community who wish to meet with candidates should contact the Search Committee Chair, David Lutzer.

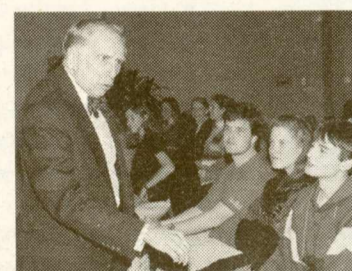


At the invitation of the W&M Vietnamese Students Organization, students from the University of Virginia perform a traditional fan dance at the street fair.

Mosaic '97



Arun Gandhi and Krisha Chachra '98



James Dunn of the Joint Baptist Committee on Public Affairs speaks on the importance of religious freedom and tolerance.

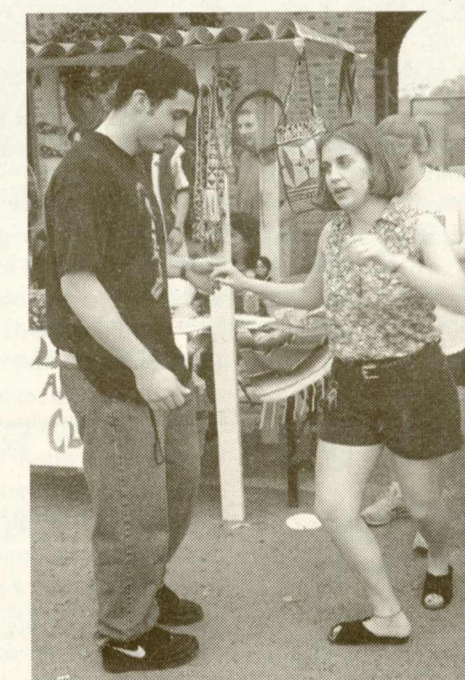


Members of Alpha Phi Alpha perform a step show, a traditional African dance, at the street fair.

Pamela Kandote applies henna, a dye used as an ancient decorative makeup, to Jacqueline Ajala at the Indian Cultural Association booth.



Roman Kostovski '96 performs a traditional Russian song for senior Judy Dunbar.



Sophomores Jesse Casey and Carina Pedemonte dance the merengue, a ballroom dance of Latin origin.

Photos by Rachael Cohn and C.J. Gleason/VISCOM

Devotion To Public Service Runs In Christie Family

CONTINUED FROM PAGE 1.

fits in nicely with the players who enjoy having him around and consider him "just one of the guys."

For Christie it's just one more example of a devotion to the College and public service that began with his parents even before he left William and Mary. Bobby Dwyer, assistant athletic director for development, explained that, while Steve was still a student, Christie's parents asked how they could help the football program to show their appreciation for the opportunity Steve had been given to come to such a fine institution on a scholarship. Subsequently,

said Dwyer, they not only made financial contributions but organized the parents of other players to do the same thing.

And their son followed his parents' example as soon as he won the kicker's job at Tampa Bay after signing as a free agent for a \$2,500 bonus in the fall of 1990.

"He's been very generous to us for several years," said Dwyer, who noted that Steve and his wife Alison [Yancey] '91 recently established an endowed scholarship for the football program.

In Buffalo, where he plays for former William and Mary coach Marv Levy, Christie applies the same dedication to public causes.

He serves as a trustee of the Buffalo and Erie County Historical Society, whose executive director is William Seiner, who received his doctorate in history from William and Mary in 1982.

Seiner describes Christie as "almost unbelievably generous with his time and money." During the past two years, while Christie has been its chairman, the annual fund has raised more money than any time in

its history, thanks in no small part to Christie, who, Seiner says, "really participates" in the fund drive by signing letters, autographing photos and NFL footballs for donors and by even joining in phonathons himself.

Christie, who recently signed a five-year contract worth \$6 million, including a \$1.5-million signing bonus, credits much of his success to William and Mary and to Tribe coach Jimmie Laycock '70, who gave him a grant-in-aid after viewing film of a single football game he played in at a high school in a Toronto suburb.

Christie said Laycock pushed him in practice and prepared him mentally to handle the pressures of the NFL. Laycock defers any credit to Christie, who he says showed the talent at William and Mary to play in the big leagues. Christie still holds the record for the two longest field goals (53 yards against East Tennessee State and Virginia) in Tribe history and the most field goals in a single season. He also contributed to the soccer program for one spring, playing on the same team as star Canadian Football League running back Michael Clemons '89, which won an important indoor tournament in Baltimore.

"All we did was set levels of expectation for him, like we do for all of our players," said Laycock. "If things didn't go well for him, he didn't hang his head, he competed."

That's the way Christie approaches all of his games in the NFL, where he's one of the most consistent kickers with a "big leg" in the league. Christie says pressure doesn't bother him because if he misses a kick he knows it's not the end of the world. He's proved that time and again in his seven-year career, kicking the longest field goal (54 yards) in Super Bowl history and booting a winning field goal in overtime against Houston in the playoffs in the greatest comeback in NFL history—after starting the comeback by recovering his own onside kick in the second half.

"You learn at William and Mary that football is not your entire life," he says, unlike with some players who come into the league from "football factories."

"That gives you some perspective," he says, adding the fact that he has a William and Mary education means he has something to fall back on if his career ends.

Although that's not likely to happen anytime soon, Christie could probably go into a number of endeavors if it did. A fine arts major at William and Mary where he studied with Professors Paul Helfrich and Bill Barnes, he is an accomplished artist who has shown 16 of his abstract expressionist oil paintings at an exhibit in Buffalo.

With his wife's family, he also owns a stable of 12 thoroughbred race horses and a food company called World Class Kickers that currently

produces Steve Christie's Kickers Italian Sausages from a recipe created by his father-in-law.

Christie readily admits that soccer is his favorite game. Although he finds kicking in the NFL "monotonous" and spends a couple weeks a year in Scotland watching his favorite big-league soccer team play, he never forgets what the game means to him and his family financially.

Christie likes playing in Buffalo, where Levy has hired former William and Mary quarterback Dan Henning '64 to mold a new offense around a successor to quarterback Jim Kelly, who retired after last season. Levy, says Christie, is a cerebral coach who quotes Shakespeare and Churchill to his players rather than yelling at them. As a William and Mary graduate, Christie appreciates that. Recalling a famous quote himself, he says, "Life is almost as big as football." But to Christie, that means European football or soccer, not the NFL where, for him, making a pressure kick when the game's on the line before 90,000 screaming fans is just another day at the office. ■

by S. Dean Olson

"You learn at William and Mary that football is not your entire life."

— Steve Christie

Haynie Collection 'One Of The Finest Of Its Kind'

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however, both admired the cartoonist. Autographed pictures from John and Robert Kennedy, Johnson and Walt Disney still hang in Haynie's office.

Despite their sometimes vitriolic tone, Haynie's cartoons were much sought-after collectors' items by their subjects. One of the cartoonist's biggest fans was FBI Director J. Edgar Hoover, who regularly sent Haynie a Christmas card and often requested the original drawings. Hoover held this admiration for Haynie even though the FBI office in Louisville had reportedly labeled him a "Communist sympathizer" for years.

During his career, Haynie won nearly every major award that can be conferred on a political cartoonist. They included the Sigma Delta Chi Distinguished Service Award (1971), the Freedom Foundation Medal (1966, 1971), and

the Headliner Award (1966). He received an honorary doctor of humane letters degree from the University of Louisville in 1968 and the prestigious Alumni Medallion for service and loyalty to William and Mary in 1977. In 1974, a 223-page volume of his cartoons, titled *HUGH HAYNIE: Perspective*, was published.

Haynie continues to produce cartoons for the *Courier-Journal* about once a week. "It keeps me from rusting completely and also from having to clear off my desk," he said.

Doris Batliner, a retired librarian at the *Courier-Journal*, has nearly completed cataloging and indexing all of Haynie's works. The first 20 originals in the collection will arrive at Special Collections in Swem Library this week. Microfilm of the entire collection will also be sent to Swem, the Library of Congress, the Filson Club Historical Society in Louis-

ville, the archives of the universities of Louisville and Kentucky, the Kentucky State Library and Indiana University Library.

The Haynie Collection includes a total of 8,200 cartoons, of which two-thirds are originals. Swem Library is planning an exhibition of the cartoonist's work for

some time during the next academic year.

Said Runyon, "My prediction is that as time passes, the Haynie Collection will be recognized as one of the finest of its kind in America." ■

by Paul E. Olson

SCHEV To Reassess Peer Groups

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work 75 hours per week.

This is the fourth and final year that SCHEV will issue a faculty productivity study of this type, according to Cell.

She added that SCHEV will begin a reassessment this summer of the peer group in which William and Mary and other state in-

stitutions fall. "We're not sure yet what criteria will be used to determine our new group," said Cell. "But SAT scores of incoming students are certain to be at least one measure of selectivity at the undergraduate level."

SCHEV conducted its last reassessment of state institutions' peer groups in the late 1980s. ■

by Paul E. Olson



Steve Christie shares some tips with members of the Tribe soccer team.

Three undergraduates win Goldwater Grants

Armed with brain receptors cloned from rodents, several South African clawed frogs, and extensive lab experience at William and Mary and the Medical College of Virginia, Candice Brown is prepared to do battle with drug abuse. She has developed a sophisticated process to assess the effects of heroin and marijuana on brain development, an effort so promising that it just won a federal grant in a national competition.

What's unusual about this story is that Brown is *not* a member of the William and Mary faculty; she's a junior from New Kent County majoring in biology. Moreover, Brown is not alone. Two other William and Mary undergraduates won similar grants this year—three of only 282 Goldwater Scholarships awarded in the nation this year to students with exceptional promise in the sciences, mathematics and engineering.

Brown of Lanexa, Va., Shannon Sullivan of Winchester, Va.,

and Jennifer Johnson of Stafford, Texas, won scholarships that provide up to \$7,000 in financial assistance. More than 1,100 men and women applied for the federally funded grants in the annual competition, which honors former U.S. Sen. Barry Goldwater, a champion of scientific education.

In awarding the grants, judges consider applicants' academic records, career aspirations, experience, and essays written on an area of scientific interest. Although applicants need not be investigating the topics discussed in their essays, William and Mary's winners are already deeply engaged in their chosen research and, more importantly, they're contributing to our understanding of several key scientific issues.

Investigating Drug Effects on Brain Development

"Substance abuse is one of the most dangerous scourges presently ravaging the planet," said Candice Brown in her application for a Goldwater Scholarship.

One of the keys to curtailing this plague, Brown believes, is understanding the adverse effects of substance abuse on neural development. To that end, she has acquired rodent brain receptors that are particularly sensitive to opium and marijuana. She will be using the rodent brain receptor DNA to isolate the genes for these receptors

in *Xenopus laevis*, the South African clawed frog. Using the isolated *Xenopus* gene as a model system, she can study the role these receptors play in early embryonic brain development.

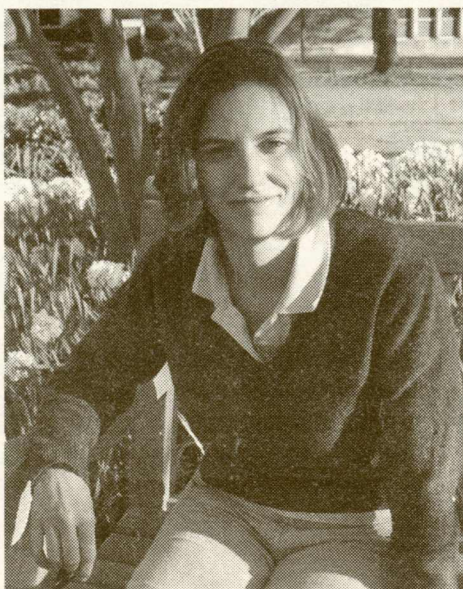
"This project is presently being conducted as an independent research project in biology in which I am the sole researcher," Brown explained. "It will be continued as a senior-year honors project and also in graduate school."

Brown plans to pursue a doctorate in neuroscience, with an emphasis on molecular neuropharmacology. She has been well prepared for the task by a wealth of coursework in biology, biochemistry and genetics, and by three summers working in labs at MCV. This summer, she will be working with Assistant Professor of Biology Margaret Saha, whom she credits as an inspiration. In addition to her scientific endeavors, Brown works with Circle K, serves as a President's Aide, and represents students on the College's educational policy committee. She is a Monroe Scholar.

Challenging the Critical Fat Theory

Does excessive exercise that reduces body fat lead to reproductive abnormalities in women? The answer has been debated for years, and Monroe Scholar Shannon Sullivan seems particularly well-prepared to investigate the matter. The biology major is herself an athlete who competes in the rigorous sport of swimming on the Tribe varsity team.

"The popular critical fat theory states that a certain minimum level of body fat is necessary for normal reproductive function," said Sullivan. "Many reproductive physiologists criticize this theory based on the extreme complexity among metabolic, nutrient, and neuroendocrine pathways."



Jennifer Johnson has been developing a method for detecting cadmium and lead in estuaries.

project in chemistry. I fell in love with the subject, and decided that I wanted to be a professor."

Johnson, also a Monroe Scholar, is pursuing twin majors in mathematics and chemistry. She is working with Professor of Chemistry Gary Rice to complete a project begun several years ago to develop a method of determining the levels of toxic metals in water that contains other dissolved substances—like salt in sea water.

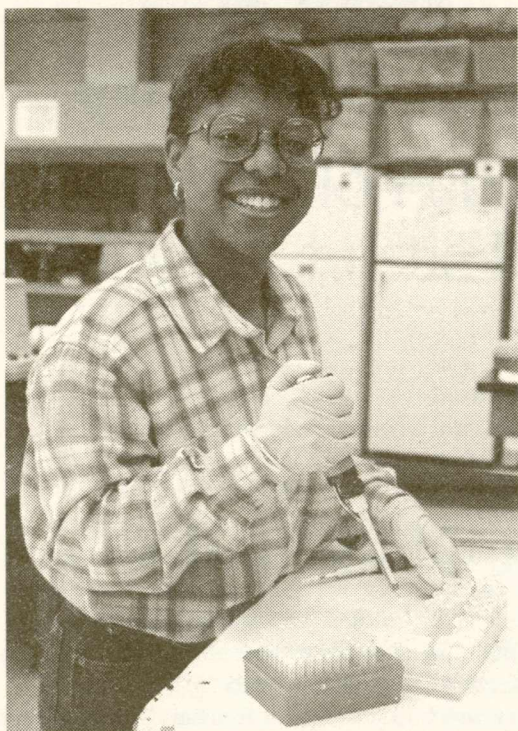
"Samples that contain large amounts of other dissolved materials often have extremely high background signals. In some cases," Johnson explained, "the background is so great that it will cause a complete signal suppression. This almost always occurs when testing salt water samples, especially those taken from estuaries and marinas."

The project was begun by a graduate student who was successful in developing a method to detect all but two toxic metals—lead and cadmium. Johnson has already solved the cadmium problem, and she's now working on lead.

"I hope that this method will eventually furnish a means of testing for toxic metals in estuaries, providing reliable data from which new environmental regulations may evolve. As a result, pollution levels in many waterways could be monitored and controlled, paving the way for safer marine environments," she said.

To continue her contributions to the environment, Johnson will undertake a doctorate in analytical chemistry. True to the William and Mary heritage, she wants to teach in "a moderately sized university where I can be active both in the laboratory and in the classroom." ■

by Bill Walker



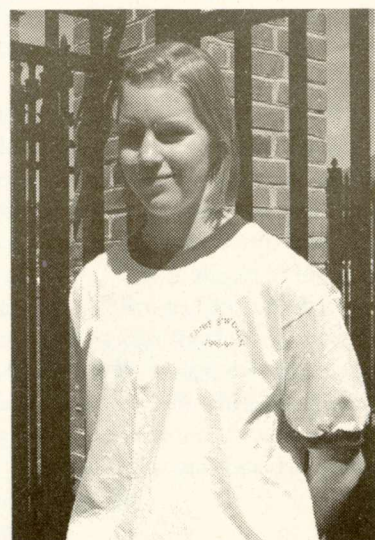
Candice Brown has been working with MCV researchers and Assistant Professor Margaret Saha to study the effects of drugs on neural development.

SCIENCE'S FORTUNE

Detecting Toxic Metals In Estuaries

Like her fellow Goldwater Scholars, Jennifer Johnson leaves long hours in the laboratory with several extracurricular activities. She volunteers at a campus coffee house and was recently named editor of the student humor magazine *Pillory*, a post that belies what is clearly a deep devotion to science.

Johnson's scientific interests began with a summer program in her native state: "As a junior in high school, I had the opportunity to spend the summer at the University of Texas at Austin pursuing an individual research



Photos by Rachael Cohn

A swimmer herself, Shannon Sullivan has been working to understand the relationship among excessive exercise, body fat and reproductive abnormalities in women.

campus news

Report Outlines College's Role In Development

CONTINUED FROM PAGE 1.

Reamer also finds that the area's population is aging, with a significant increase in the number of people more than 65 years of age.

In response to the growth, notes the report, new roads are being built, stores and shopping centers constructed and land developed. Most important is the potential development of hundreds of acres of land in the Casey property, Torsion property and other areas west of Williamsburg. The Commonwealth is also reviewing the future role and mission of Eastern State Hospital.

"Recent proposals for development are five times that of the historic area," said Sullivan. "We need to protect our open space and cultural heritage while the window of opportunity still exists."

As a counterpoint to unplanned development, the report offers a vision of a region that takes advantage of its high quality of life and the intellectual assets of the College to retain the "missing middle"—the 22-to-55-year-olds who provide the necessary economic foundation for any community.

"This is not an issue for local

government alone—or for the College alone," said Sullivan. "It is one that requires the commitment and the energies of the leadership of the region. Without that commitment, Williamsburg could become just another suburban stop on the interstate."

Interested parties can obtain copies of the report by contacting

the Office of Economic Development at ext. 11190. The report is also available online at <http://www.wm.edu/development/reamer.html>. ■

by Bill Walker



President Sullivan (center) shares a copy of the Reamer Report with community leaders. From left to right are City Manager Jackson Tuttle; Gill Bartlett, lieutenant gov. of Division 23 of the Kiwanis Club; James City County Supervisor Perry Depue; Norm Beatty, executive director of the Williamsburg Conservancy; and Williamsburg Mayor Gil Granger.

classified advertisements

FOR SALE

Home at 106 Shore Dr. in mint move-in condition; 40-ft. deck overlooking private lake. Includes large first floor mother-in-law or rental space with private entry and separate utilities. \$189,900. Call 229-4779 or 253-2442.

Small 1-1/2-story house located in quiet city neighborhood, 3 blocks from CW/Bruton Heights complex. 2 BRs, 2 baths, hardwood floors, fireplace, brick patio, central air, gas heat. New gas furnace (1994 or later), roof, vinyl kitchen floor, some appliances. \$98,000. Call 221-3725 or 229-9656.

House on Powell St. (Professors Row), short walk to campus. 3/4 BRs, 2 baths, 2,000 sq. ft. At end of quiet dead-end street. Perfect for children. Appraised at \$185,000. Call 229-4411.

1978 Malibu, V-8, med/excellent condition, dependable transportation. Straight purchase. \$500. Call 221-7120.

1988 Saab 900S, 4-door, 5-speed, sunroof, heated seats, AM/FM/cassette, power windows and locks. Complete tuneup recently, new tires, many new parts. All records. Very good condition. \$3,900/best offer. Call 253-0236.

Small utility trailer for use on highway, flatbed without sides, titled, \$35. Set of Spalding golf clubs: Top Flight irons and woods and leather bag in excellent condition, \$65. Call 229-5009.

80486-33mhz PC, 4 MB RAM, 5.25" and 3.5" disk drives, 120 MB IDE hard drive, SuperVGA card, SuperVGA 1024x768 color monitor, 101-key keyboard, 2 serial ports, a parallel port, 1 game port, mouse, software installed. Excellent condition. Asking \$400. Call 221-2376.

Futon sofa, easily converts to bed, full-size mattress with black metal frame, excellent condition, \$175 or best offer. Epson-LX 800 printer, good condition, best offer. Call Carole at 220-2096.

Young girl's Bonnet bedroom series canopy twin bed with dresser. \$250. Call Ginny at 565-2855 and leave message.

Childcraft crib with innerspring mattress. Dark cherry stain, double drop sides, adjustable height mattress, casters. Very good condition. \$175. Call Amy at 229-0529 before 9 p.m.

Solid walnut dining set: circular table with 3 extension leaves (expands to seat 12), 6 needlepoint chairs with Queen Anne cabriole legs, buffet with mirrored backboard. Excellent condition. \$1,200. Also, china cabinet to sell separately. Call 221-2955 or 565-3441.

FOR RENT

4-BR, 3-bath Kingsmill townhouse with functional floor plan, new economically efficient gas heating and A/C system. Beautiful setting; includes tennis and swimming with marina and golf available. Available July 1. \$1,200/mo. Call 220-3471.

1-1/2-BR apartment with balcony available from May 15 to Aug. 15. Fully furnished. Spacious, sunny. Central air. Excellent location (2 miles from College). Call Teresa at 259-0619 (home) or 221-3690 (office).

Furnished bedroom in 3-BR, 1-bath house a minute's walk from campus. Non-smoking, neat, quiet person wanted. \$300/mo. + 1/2 utilities. Discount may be available for someone who loves garden and yard work. Call 229-0473.

LaFontaine: new luxury condo, 2 BRs, 2-1/2 baths, walk-in closets, W/D hookup, patio, pool. Close to campus. Non-smoker, no pets. \$850/mo. + utilities. \$850 security deposit. Available April 15. Call Chris or Sally Honenberger at (540) 672-2711 (days) or (540) 672-1081 (evenings).

Vacation cottage at Kill Devil Hills/Milepost 6, Avalon Pier. Immaculate, fully furnished, 2-BRs. Central air, cable. \$395/week. Call 565-4715.

Three-story townhouse on Priorslee Lane—2 BRs, 2-1/2 baths, large kitchen with all appliances. Spacious dining room, fireplace in living room. Finished basement—family room/study with built-in bookcases, fireplace, workshop/storage area. Cats permitted. Unfurnished. One-year lease. \$850/mo. Call Susan at 259-0650.

1- and 2-BR garden apartments and 2-BR townhouses with washer/dryer connections available to College employees at special rate for signed 12-month lease: 2 months rent is 1/2 price and security deposit is \$100. Call 887-5757.

WANTED

Commuting professor or student to share large, comfortable, well-furnished house one block from campus with two other commuters starting in May or August. Private BR, share kitchen and remainder of house. Commuter preferred. Reasonable rent + share of utilities. Call 221-2177.

Visiting law professor needs furnished apartment or small house for fall semester. If you have one or know of one, call 221-3849.

Lifeguards needed for Kingspoint Community Pool from May 24 through early Sept., full-time and part-time. Call Greg at 253-0644.

Reliable, caring individual to occasionally babysit 8-month-old girl, evenings or weekends. Call 565-1876 and leave message.

Responsible, energetic person needed to care for 10-year-old boy and 6-year-old girl in our home this summer, Monday through Friday, 8:30 a.m. to 4 p.m. Must have own transportation for trips to library, Kidsburg, pool, etc. Perfect for high school junior or senior or college student. Weekly salary + extra benefits (Busch Gardens/Water Country pass and pool membership are options). Call 258-5432.

Responsible, reliable, caring individual interested in any of the following: (1) sharing nice home about 8 minutes from campus for \$435/mo., which includes full house privileges and private bath; (2) providing light-duty child care for 3-month-old with option of being on-call for evening pick-up from local day care (\$2/hour) or set/flexible schedule of up to 15 hours per week (\$5 to \$7/hour) with dinner as possible option; and (3) providing home/office help in our home or yours, \$5 to \$7/hr. Call 221-7120.

Yard worker, experienced. \$10/hr. Hours flexible, next to Williamsburg Inn. Call 229-3342.

LOST

Master Craftsman gold bracelet, engraved on inside. Reward offered. Call Trish at 221-2465 or 253-0944.

news

of

note

Residence Life Positions Available

The Office of Residence Life is now in the process of accepting letters of interest and resumés for their 1997-98 graduate staff positions.

Three hall director positions are available for the upcoming year. The positions are for 10 months (Aug. 4, 1997-May 25, 1998), with remuneration of \$4,000 plus a furnished apartment in one of three freshman residence halls. They include Monroe/Old Dominion, Yates and Dupont halls.

Hall directors supervise residence assistants, work with Hall Councils, manage the duty office and are referral agents for individual students. Qualifications include a baccalaureate degree, enrollment in a graduate program at the College, and the ability to begin work on Aug. 4. Residence life staff experience is preferred.

More information is available in the Office of Residence Life, Campus Center 212. Letters of interest and resumés should be directed to: Allison Wildridge, Associate Director of Residence Life, Office of Residence Life, P.O. Box 8795, Williamsburg, VA 23187-8795. The application deadline is April 21.

Friends Of The Library Dinner Is April 25

The annual Friends of the Library Dinner, celebrating the 12th anniversary of the organization, will be held Friday, April 25.

The black tie affair begins at 6:30 p.m. with a reception, hosted by President and Mrs. Timothy Sullivan, at the President's House. Dinner will be served in the Great Hall of the Sir Christopher Wren Building at 7:30 p.m.

Reservations are \$100 per person and can be made by sending a check by April 15 to Friends of the Library, Earl Gregg Swem Library, College of William and Mary, P.O. Box 8794, Williamsburg, VA 23187-8794. Seating in the Great Hall is limited and reservations will be taken on a first-come, first-served basis.

For more information, call ext. 13050.

Volunteer Services Seeks Nominees For President's Awards

The Office of Student Volunteer Services is requesting nominations for two awards for service to the community: one for a student, the other to a member of the faculty, staff or administration. Each award carries a prize of \$500, which will be donated, in the name of the award recipient, to a community service organization of the recipient's choice.

Nominations should be made of individuals who have made a difference in their communities. Awards will recognize the quality of service first and the quantity second.

Letters of nomination should be sent by April 15 to Kevin McCoy, coordinator of the Office of Student Volunteer Services (ext. 13263). Letters of nominations should address the nominee's breadth of service, attitude toward service, and most importantly, the results of his or her service. Each nominee will be asked to submit a brief application, including a description of his or her activities over the last three years and at least one letter of recommendation. Either the nominating letter or one letter of recommendation must come from a community service organization or other local institution that has benefited from the individual's service.

Award winners will be announced at Opening Convocation in September.

News To Publish Two More Issues

The *William and Mary News* will conclude its spring publication schedule with two issues on April 23 and April 30. Deadline for submission of materials is the Friday preceding publication. Call ext. 12639 with any questions.

SPECIAL EVENT

April 19

In celebration of the arts, the College community is invited to "Art on the Lawn at the Muscarelle" from 11 a.m. to 2 p.m. Festivities will include live woodwind music directed by Burton Kester; food, including Ben & Jerry's ice cream; children's arts and crafts; artists' demonstrations; museum treasure hunts; and a children's art exhibition. Visitors will be invited to view the current exhibits at the museum, "Memories of Childhood ... so we're not the Cleavers or the Brady Bunch" and "Reflections of Childhood." (Both exhibits run through May 25.) The event is free and open to the public. Call 221-2703.

PERFORMANCES

April 13

College faculty members who specialize in early music present a recital of baroque chamber music on period instruments at 3 p.m. in the Great Hall of the Wren Building. Call 221-1078.

April 15

The Aurelia Saxophone Quartet performs at 8 p.m. in the Ewell Recital Hall in the final program of this year's Ewell Concert Series. Call 221-1085.

April 17, 18

The William and Mary Early Music Ensemble presents two concerts of 17th-century music for voices and period instruments at 8 p.m. in Bruton Parish Church. Call 221-1953.

April 17-20

The William and Mary Theatre's final production of the season is "Arcadia," a drama by Tom Stoppard, which won Britain's Olivier Award in 1994 and the New York Drama Critics' Circle Award for Best New Play in 1995. Performances are in Phi Beta Kappa Hall at 8 p.m. on April 17, 18 and 19 and at 2 p.m. on April 20. Tickets are \$6 and may be reserved by calling the box office at 221-2674 between 1 and 6 p.m., Monday through Friday or between 1 and 4 p.m. on Saturday.

SPEAKERS

April 10

The final Town & Gown lunch this spring features Bruce Goodwin, professor of geology emeritus, speaking about the geology and mineral resources of Virginia. The brown bag lunch is at noon in the University Center. Call 221-2640.

Alvin C. Warren Jr., professor of law at Harvard University, delivers the 1997 Wythe Lecture, titled "Three Models of Tax Reform," at 4:30 p.m. in Marshall-Wythe 124. Call 221-3805.

The American Culture Lecture Series presents Charles Keil, speaking on "Groovology Across the Disciplines." The lecture is at 5 p.m. in James Blair 223. Call 221-1275.

A program at 6:30 p.m. at the Muscarelle Museum will feature Bernice Steinbaum, speaking on the museum's current special exhibit, "Memories of Childhood ... so we're not the Cleavers or the Brady Bunch." Steinbaum is curator for the exhibit. Call 221-2703.

The Department of History and the Gay and Lesbian Alumni/ae Association invite the College community to the John E. Boswell Memorial Lecture, "Forbidden Sex and Group Identity: Miscegenations Medieval and Modern," to be given by David Nirenberg, of Rice University and Princeton University's Institute for Advanced Study. The lecture is at 8 p.m. in Washington 201. Call 221-1442.

April 17, 18

James Lecky, director of the Delaware College of Art and Design, will give a talk on a large fresco commission that he recently completed in the Raphaelite tradition, on April 17 at 5 p.m. in Andrews 101. On April 18 Lecky will give a fresco demonstration at 10 a.m. in Andrews 220.

The Aurelia Saxophone Quartet, a Netherlands-based ensemble that is considered one of the leading saxophone quartets in the world, performs at 8 p.m. in the Ewell Recital Hall as a feature of the Ewell Concert Series.



Concert Band Performance Benefits Child Care Center

The William and Mary Concert Band will present its spring concert on April 22 at 8 p.m. in Phi Beta Kappa Memorial Hall. The performance is a benefit for the Williamsburg Campus Child Care Center. The suggested donation is \$5 per person.

Featured guest conductor for the program will be Miles Johnson, professor of music emeritus at St. Olaf College in Minnesota, who recently retired from 37 years as conductor of St. Olaf's band.

The 60-member band will present a diverse program of exciting wind music, including selections by Leonard Bernstein, Czech composer Vaclav Nelhybel, Warren Barker and a romantic piece by Ottorino Respighi, "The Pines of Rome." Student soloist Travis Paull will perform "Concertino for Marimba and Band," Op. 21B, by American composer Paul Creston.



The Concert Band and sophomore Travis Paull (r) on the marimba.

COLLOQUIA

April 11

John Bridge, professor of law at the University of Exeter, England, delivers a faculty colloquium, "Constitutions, Powers and the Doctrine of Subsidiarity," at noon in Marshall-Wythe 239. Call 221-3805.

April 14

A faculty colloquium series, sponsored by the English Club, presents a faculty poetry reading at 4:30 p.m. at the Lake Matoaka Shelter (rain site Tucker 120). Participants will include Joanne Braxton, David Essex, Sam Kashner, Hermine Pinson, Sheri Reynolds, Nancy Schoenberger and Amy Tudor. Call 221-3903.

SEMINARS

April 11, 18

The VIMS spring seminar series continues on April 11 with Rob Hale, Department of Environmental Sciences, speaking on "Searching for the Source of Pollutants to the Chesapeake Bay." On April 18, Steve Kuehl, Department of Physical Sciences, will speak on "The Chronology of Sedimentary Processes in Chesapeake Bay, Bangladesh and Elsewhere: Tales of a Radioisotope Addict." Seminars are at 3:30 p.m. in Watermen's Hall Auditorium. Call (804) 642-7134.

April 15

The women's studies weekly forum will host guest speaker Amina Wadud, from the Department of Philosophy and Religious Studies, VCU, who will speak on "Global Women's Spirituality." Her talk is at 7:30 p.m. in Washington 201. Call 221-2608.

MEETINGS

April 15, 29

The regular meeting of the Faculty Assembly is on April 15 at 3:30 p.m. (this is a change from the previously announced date). A special meeting, to elect 1997-98 officers, will be held on April 29 at 3:30 p.m. Attendance at the special meeting is required for all new members, 1997-98. Both meetings are in the Board Room, Blow Hall. Before the April 29 meeting a caucus will be held at 3 p.m. in the Board Room and meeting rooms. Call 221-2669.

April 17

The Black Faculty and Staff Forum meets at noon in Tidewater A, University Center. Call 221-3116.

MISCELLANEOUS

Through April 12, 20

The Society of Physics Students has scheduled an astronomy viewing in the observatory in Small Hall on April 20 at 8 p.m. In addition, special viewings of Hale-Bopp Comet are scheduled through April 12, every evening from 8 to 10 p.m.

Viewing schedules are subject to change due to weather conditions, and interested persons should call the physics information line at 221-1399 for the latest information.

April 16, 17

Original pottery, handmade by students and faculty of the College's ceramics studio will be sold on the lawn of the Campus Center from noon until 5 p.m., rain or shine. Cash sales only. Proceeds will support visits by demonstrating artists and other educational pursuits. Call 221-2660.

April 17

President Sullivan will host the last of a series of luncheons at the President's House to give students an opportunity to meet with him informally in a group of 10. Lunch will begin at noon and last approximately an hour. This lunch is limited to four-year roommates. This also will be the final day to meet with President Sullivan for 10 minutes as an individual or small group to discuss issues of concern (or just to

chat). Students may sign up for the luncheon or make an appointment to meet with President Sullivan by contacting Gail Sears, Brafferton 10, at 221-1258 or by e-mailing her at gbsear@facstaff.wm.edu.

Mondays

A community of creative writers meets at 9 p.m. in the Writing Resources Center, Tucker 115A, to read and discuss each other's writings. Poets, playwrights, novelists, short story writers and anyone else interested in writing are invited to attend. Call 221-3939.

Wednesdays

A support group for persons dealing with violent dating relationships meets from 4:30 to 6 p.m. For information, call Barbara or Erica at Project Taproot, 221-4813.

Thursdays

Faculty and student representatives from academic clubs are invited to attend planning sessions for Soberfest '97 (which will be held in the fall). Meetings will be held every Thursday through the end of this semester from 6 to 7 p.m. in the Health Center lobby. Call 221-3631. Suggestions may be e-mailed to mkcroz@facstaff.wm.edu.

SPORTS

April 10

Baseball vs. Virginia Wesleyan, 3 p.m.

April 12

Baseball vs. UNCW, 1 p.m. (double-header)
Men's tennis vs. JMU, 2 p.m.

April 13

Baseball vs. UNCW, 1 p.m.

April 14

Women's tennis vs. Harvard, 1:30 p.m.

April 15

Baseball vs. VMI, 3 p.m.
Men's tennis vs. East Carolina, 3 p.m.
Women's lacrosse vs. Richmond, 4 p.m.

April 17

Baseball vs. Liberty, 3 p.m.

April 18-20

Women's lacrosse, CAA Championships
For information on any of the listed events, call 221-3340.

DEADLINE

April 15

Registration and fee for the William and Mary National School Leadership Conference, featuring Thomas Sergiovanni, which will be held on campus June 27-29. Open to all school leaders. Call 221-2330.

COMMUNITY

April 10

April is Children's Development Resources (CDR) month at Ben & Jerry's at 7097 Pocahontas Trail and 3044 Richmond Rd. Fifty cents from every sundae sold will be donated to CDR, a nationally recognized, private, non-profit agency providing services to young children and their families. April 10 is free cone day. Call 253-0180.

April 17

The Greater Williamsburg Volunteer Fair will be held from 2 p.m. to 7:30 p.m. at the Community Services Center, 312 Waller Mill Rd. The fair will feature arts and cultural organizations, community and social service organizations, education and neighborhood organizations, non-profit agencies, churches, ecological and preservation organizations and community health agencies. Entertainment, food and speakers are on the schedule. Call Carolyn Kincaid at 229-2301.

Through April 23

"Painting the Interior Landscape," an exhibit on display at Cudahy's Gallery, 1314 E. Cary St., Richmond, includes oil paintings by Valerie Hardy, director of the President's Art Collection. Call (804) 782-1776.