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WILLIAM & MARY

A NEWSPAPER FOR FACULTY, STUDENTS AND STAFF

NEWS

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New Members Appointed To College Board Of Visitors

Gov. George Allen has appointed four new members to the College Board of Visitors. Each was appointed to a four-year term ending in June 1998.

Appointed by the governor were:

• Marguerite B. Davis '55 of Williamsburg.

A former public school teacher in Fairfax, Davis was assistant to the director for overseas graduate programs run by Boston College in the early 1980s. Since moving to Williamsburg about five years ago, she has worked at Royal Travel Center.

Along with her William and Mary de-



Davis

gree, Davis has a master's in education from George Washington University and has taken postgraduate courses at the College, the University of Virginia, George Washington University and the University of Maryland.

Davis is a member of the Sir Christopher Wren Association, the life-long learning group at William and Mary



Mirguet

• William F. Mirguet Jr. '62 of Newport News, executive vice president of the FCR Group Inc.

Mirguet spent more than 20 years in the banking industry before joining the FCR Group.

He also has a long history of community service on the Peninsula.

He is a former member of the William and Mary Athletic Educational Foundation's Board of Trustees, former chair of the AEF Endowment Fund and former president of the Alumni Society's Lower Peninsula Chapter.

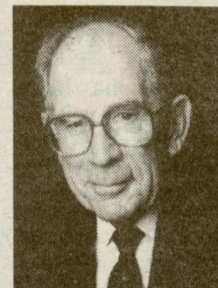
Mirguet currently belongs to the Association of 1775, an organization of the Society of the Alumni, which recognizes alumni who have served in the military; and the Order of the White Jacket.



Skladany

In addition to his College degree, Mirguet is a graduate of the Kellogg Management School for Corporate Bankers at Northwestern University.

• Linda Arey Skladany '66 of Alexandria, is executive director of The Foundation for Environmental and Economic Progress in Washington.



West

She has practiced legal advocacy and regulatory law with the Washington firm of Holland & Hart, and was commissioner of the Occupational Safety and Health Review Com-

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Law Professor Named General District Court Judge

Margaret Poles Spencer, an associate professor at the Marshall-Wythe School of Law, has been appointed a general district court judge by the General Assembly. The appointment came Friday during a special session of the state legislature.

Spencer, 46, will serve as a judge in the general district court for the City of Richmond. She is a resident of the Richmond area, and her husband, James, is a federal court judge there.

"I have wanted to be a judge since I graduated from law school 22 years ago,"

Spencer said. "Of course, I wanted to be a professor, too, so this was a difficult decision."

An expert in practice and procedure, Spencer will have to resign her position on the William and Mary faculty in order to be sworn in as a judge.

Spencer received her B.A. from Howard University and her J.D. from the University of Virginia. Prior to joining the College faculty in 1988, she served as an assistant attorney general for the Commonwealth of Virginia, a senior appellate attorney in

the civil rights division of the U.S. Department of Justice and an assistant U.S. attorney for the District of Columbia.

Spencer has been an author and speaker for numerous continuing legal education programs and has taught civil procedure, criminal procedure and criminal trial advocacy at William and Mary since she joined the faculty in 1988.

She is a member of the Legislative Commission on Sentencing and Parole Reform and a fellow of the Virginia Law Founda-

VBR Ceases Publication

After 397 issues and almost 35 years, the monthly version of the *Virginia Business Report* from the College ceased publication with its June issue. However, a new quarterly publication to analyze regional development trends is in the works.

"With regret, we must accept that the monthly information we currently provide about market areas throughout the Commonwealth is not worth

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A New Vision For Men's Basketball



Tribe Basketball Coach Charlie Woollum holds a basketball commemorating his 300th win at Bucknell University.

Athletic Director John Randolph and new Head Coach Charlie Woollum '62 share a vision for men's basketball at William and Mary: to make it a program fun for players and fans alike.

Based on the numerous requests taken for season tickets already this summer, expectations for Woollum's new adminis-

tration are running high. While confident about the upcoming season, both Randolph and Woollum caution that the men's basketball will not turn around overnight.

"The expectations, which I think we both share for the program, are that in the first year, the team plays with consistent effort," Randolph said. "It will take a while for Charlie to teach his system to the team. But in two to three years, we expect to be competitive with more Division I teams."

Woollum, the former head men's basketball coach at Bucknell University in Pennsylvania, concurs that it will take time for his style of basketball, described as "uptempo," to take hold among his players.

"All I can tell you [about the upcoming season] is that we will constantly push the ball by immediately putting pressure on it," Woollum said.

NCAA rules bar Woollum and his assistants, Walt Fuller, Mark Lezanic and his son, Bobby, from practicing with the players until Oct. 15—about six weeks before the season opens. Despite having only one month to recruit, Woollum believes that he has secured three excellent new play-

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Marino Fades Back For The Pass ...

Former pro-football quarterback Dan Marino visited the College June 23 for the first Colonial All-Pro Football Camp. During a morning session for quarterbacks, Marino instructed the campers on throwing and refining passing skills. He also spoke to the group about what it takes to be a good student athlete and signed autographs. Three other pro-football players including Bruce Smith, Sterling Sharpe and Jerome Bettis stopped by during the week to offer their varied insights on playing football. About 130 students from ages 10 to 18 attended the camp, June 19-23. Organizers hope to include pro-football players as regular instructors in future camps.

Photo by C. James Gleason/VISCOM.

Photo by C. James Gleason/VISCOM.

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Johnson Resigns From Muscarelle Museum

Kelly Celebrates 40th Year At William & Mary

Eastern Shore Lab Hopes To Expand Educational And Research Potential

NEWSMAKERS

Mark Johnson Leaving Muscarelle Museum

After nine years as director of the Muscarelle Museum of Art, Mark M. Johnson will be leaving at the end of the summer to assume the directorship of the Montgomery Museum of Fine Arts in Montgomery, Ala.

"Mark Johnson has built a museum of which the College and the community can be very proud," said Provost Gillian Cell. "While we are sorry to see him go, we know he is facing an exciting opportunity and we wish him well."

During Johnson's tenure at the College, the Muscarelle Museum of Art more than doubled the size of its facility, staff and collection.

The Museum's permanent collection has been enhanced through acquisitions ranging from the altarpiece by Gerard de Lairesse to modern sculptures by Alexander Calder and Lila Katzen.

Johnson initiated the Museum's Council, the docent program, children's gallery/studio classes and the "Music at the



Mark M. Johnson

Muscarelle" concert series, among other educational programs. Under his leader-

ship, the Muscarelle was fully accredited by the American Association of Museums and has also been the recipient of numerous federal grant awards. Many of these grants have been used to implement an art conservation program for more than 100 works of art, including most of the College's important historical portraits.

Founded in 1930, the Montgomery Museum of Fine Arts in Alabama mainly consists of a collection of 18th- through 20th-century American paintings, old master through modern prints and drawings; photography and Southern regional art.

According to Winifred Stakely, who headed the search committee, "We are very excited about Mark Johnson because of the experience and enthusiasm he will bring to Montgomery. Mr. Johnson's knowledge of art, strong curatorial and administrative skills, and vision for the future are among the strengths the Board feels will be a tremendous asset to the Museum."

IN MEMORIAM

M. Carl Andrews

Former Member

of the Board of Visitors

A memorial service was held June 11 in Roanoke for M. Carl Andrews, member of the Board of Visitors from 1958 to 1966 who died June 9.

Mr. Andrews is survived by his wife, Mary Spotswood Eggleston of Roanoke.

The family has suggested that expressions of sympathy take the form of contributions to the Campbell Memorial Fund of First Presbyterian Church, the scholarship fund of the Order of the White Jacket at William and Mary or the Salvation Army. Those wishing to write Mr. Andrews' wife, Mary, may address correspondence to her at home: 2814 Crystal Spring Ave., SW; Roanoke, Va. 24014.

Alumni Society Wins Grand Gold Medal

The Society of the Alumni has been awarded the Grand Gold Medal for overall alumni program by the Council for Advancement and Support of Education (CASE).

The Society competed against some of the nation's largest college and university alumni associations. This marks the first time the Society was recognized for its total efforts. It shares the award with the Boston College Alumni Association.

In awarding the medal, an independent panel of corporate and institutional professionals compared criteria of alumni associations from March 1, 1993, to March 1, 1994. Judges reviewed all aspects of the Society's efforts, including leadership, goals and objectives, board structure, committee responsibilities, programs, services, quality of publication, records accuracy, budgetary management, overall program

effort, management policies, quality of publications, volunteer involvement and organization effectiveness.

"This award has been presented by a professional association that represents the very best in the advancement of higher education," said W. Barry Adams, executive vice president of the Society. "It is a tribute to our board of directors' unyielding commitment to quality programs and services. It also reflects a dedication by hundreds of volunteer leaders and staff to building and maintaining an alumni program on par with the reputation of the College."

Among the national awards that alumni associations can receive, the Grand Gold Medal is the most comprehensive and most prestigious. It also is the most competitive honor CASE awards for total efforts by alumni associations during the past year.

ALUMNI COLLEGE FOCUSES ON CHESAPEAKE BAY

As the *Miss Yorktown* trolled along the Chesapeake Bay, watermen from nearby fisheries and crab houses stared casually at her payload. Not the usual day's catch aboard the chartered fishing boat, but guests—William and Mary alumni and visitors.

The participants—more than 80—came from as far away as California, Oregon and Florida to take part in the annual summer Alumni College hosted recently by the Society of the Alumni. In its seventh consecutive year, the program continues to grow in popularity, as alumni receive an intensive four-day educational program combining classroom instruction from William and Mary's faculty with local lectures, museum visits and tours.

This year's event, Exploring the Chesapeake Bay II, held June 24-26, was no exception. Alumni and their guests, led by professors from the College and the Virginia Institute of Marine Science, sifted through fossils at local landfills, listened to the tales of old watermen and explored coastal shorelines and tributaries in an effort to better understand the Chesapeake Bay.

"Today, I'm looking at the Bay from an entirely different view," said Sharon Hall McBay '63. "You can only truly appreciate the beauty when you're out here."

During the three-hour boat tour, McBay and other participants observed everything from family-owned fisheries and crab houses at work to marine life and the encroaching development



Professor of Geology Gerald Johnson helps Carol Achenbach Wright '49 unearth and identify fossils in the Hampton Sanitary Landfill. Sediment in this area includes deposits from four different geological ages and from three major environments, including a predecessor of the Chesapeake Bay.

that threatens the Bay's survival.

"Even with all the grim statistics, I don't think people understand. They don't feel we will lose the Bay in our lifetime," said Charlie Parsons, who attended alumni college with his wife, Fran Buttler Parsons '46.

However, Gene Silberhorn, professor of marine science, was able to point to signs of hope during the tour—Great Blue Heron and Osprey nests perched above sea posts in the water. Silberhorn and fellow marine science professors noted that VIMS—the largest coastal marine institute in the world—is conducting research projects in an effort to protect the Bay from further decline.

If there is a positive note, McBay said, education is the answer. "I now realize how connected to the environment we all are. I lived in Williamsburg and went to school here without ever realizing just how much the Bay has been used. Now, I leave with the charge to not only become a better student of my environment, but a better person."



Black Student Leadership Institute

A number of black student leaders from predominantly white colleges and universities across the nation attended the fifth annual Black Student Leadership Institute May 29-June 8 at the College. Among the highlights of the program designed to enhance leadership skills was a meeting with Supreme Court Associate Justice Clarence Thomas in Washington, D.C., on June 8. Thomas (center) is pictured here flanked by participants in the Institute.

Virginia Space Grant Consortium Awards Scholarships To Two College Undergraduates

Two College students are among six undergraduates in the state to be awarded a one-year scholarship by the Virginia Space Grant Consortium.

Daniel Leventhal, a physics major, and William Limburg, a chemistry major, each received a scholarship valued at \$5,000 and \$7,900 respectively.

Space Grant scholars must be engaged in an identified research project with a faculty adviser at one of the five Virginia Space Grant Colleges as part of their academic program.

During the upcoming academic year, Leventhal will be working on a research project with Mark Hinders, assistant professor of applied science. Leventhal's study, which will be conducted both here and at NASA Langley and will also serve as his senior honors thesis, will focus on the use of ultrasound to test the integrity of polymer composite materials for aircraft, such as the proposed high-speed civil transport space plane.

Limburg has already begun working on his research project this summer with

David Kranbuehl, professor of chemistry. Limburg's work also involves the study of polymer composite material for aircraft. However, his research will focus on the development of an automated composite fabrication process.

According to Limburg, the current procedure used for making these materials, known as resin transfer molding, is difficult and tedious. Reducing the time involved in making these materials through better automation could make these ma-

terials much less expensive and more readily available, according to Limburg.

A committee of Consortium representatives awards the scholarships based on evaluation of the applicant's research proposal, past scholastic achievement and academic potential.

The Consortium hopes the awards will assist in the development of future engineers and scientists and broaden the opportunities for all students to pursue science and aerospace careers.

Woollum Seeks To Inspire Tribe Basketball Players And Fans

CONTINUED FROM PAGE 1.

ers. The top six players are also expected to return from last season.

With these assets, Woollum recognizes a great opportunity to build a new program. He knows though that, at least in the first season, his challenges are formidable.

"From reviewing tapes from last year, I can see that our guys aren't focused enough in the game," Woollum said. "We have got to keep their heads in the game and instill the confidence in them that they can win."

According to Woollum, who took Bucknell to the NCAA playoffs twice, the success of this objective will hinge on teaching his players how to play "hard, together and intelligently."

Woollum will not make any predictions about the upcoming season, citing the fact that he knows little about his team from only watching tapes of last year's Tribe games. Instead, he prefers now to focus on fine tuning the philosophy that will guide his style of coaching.

"Every player is in some ways essentially starting anew," Woollum said. "This is a new program. We're not looking for stars for right now. We're looking for players who can play together and make their teammates play better. Our goal [for the first year] is to play one game at a time, and get some wins under our belt before we plan beyond that point."

Tribe basketball finished 4-23 last season and has had only one winning season since 1985. To both Woollum and Randolph, "real improvement" will be measured at least in the first year not by the number of wins, but by the "intensity" and "consistency" of the team's performance over the season.

Lauding Woollum's excellent recruiting contacts especially throughout Virginia, Randolph is confident that the Tribe basketball program can only get stronger over the next few years.

Randolph and Woollum both dismiss recent criticism reported in *The Daily Press* that William and Mary can not compete in a league whose schools do not have the selective admission qualifications of the

College.

"It is a ludicrous statement to say that you can't have a good athlete and a good student," Woollum said. "I am prepared to deal with the fact that this is a school with tough standards . . . [and] I know there are kids out there that definitely meet William and Mary's needs."

Convinced the College's academic record will ultimately serve as an asset for Woollum to recruit, Randolph also believes William and Mary's selective admission qualifications set the College apart in the Colonial Athletic Association (CAA).

"The CAA was founded on the premise of good athletes and good education," Randolph said. "Our high standards are going to make other teams look more like us than us look like them. This point has been emphasized by the conference presidents' recent action on banning Proposition 48 student athletes."

Randolph hopes Woollum's local ties, his successful record at Bucknell, and his "uptempo, fun" style of basketball will encourage fans to return to William and Mary Hall.

"People need to give William and Mary basketball another chance and another look," Randolph said.

Woollum, who recalls vividly the days when men's basketball played in Blow Gym and filled to capacity with fans, stands committed to doing the same in William and Mary Hall.

"I want all the community to enjoy the games, and I intend to develop a program that's fun for everyone else," Woollum said. According to Randolph, one of Woollum's hallmarks at Bucknell was his ability to draw fans from the student body, faculty/staff and local community.

Randolph is optimistic that men's basketball should be more successful this year, but cautions against believing Woollum can work miracles with the team overnight.

"Charlie doesn't walk on water. He needs time to implement his system and style of basketball," Randolph said. "It may take two, three, or four years for him to put his stamp on William and Mary basketball. But in the meantime, we will see consistent improvement."

Conference On Historic Christ Church Features Speakers From College Faculty

Several William and Mary faculty members were featured speakers at a conference for teachers June 20-24 in Irvington, Va, titled "The Northern Neck Community: Its Past and Future."

Gail McEachron-Hirsch, assistant professor of education, organized the seminar, which brought together scholars and professionals from various disciplines to detail the historical legacy of the community surrounding Christ Church, one of the best preserved colonial churches in the United States.

Intended to "revitalize and inspire curricular approaches for learning about the [Northern Neck] community," the conference included presentations from a variety

of perspectives on the significance of Christ Church as a symbol of both religious freedom and colonization.

The seminar presenters from the College were: Brian Blouet, Huby Professor of Geography and International Education; Colette Blout, graduate education student; Kathleen Bragdon, professor of anthropology; Barbara Carson, adjunct associate professor of American studies; McEachron-Hirsch; John Selby, professor of history; and Roger Smith, professor of government.

"The Northern Neck Community" was supported by grants from the Virginia Foundation for the Humanities and Public Policy and the Jesse Ball duPont Fund.

Data Communications Upgrade Planned

The Office of Telecommunications, the Computer Center and Computing Support Services are working together to implement a major upgrade to current data communication services. This upgrade will improve the reliability of access to on-line information services. Faculty, staff and students currently using Procomm Plus, PMail, or Eudora, either on campus with an ADI

or off-campus with a modem, will need to upgrade their software installations to work with the updated system. Upgrade materials, instructions, and installation assistance are planned for distribution during the week of July 25, assuming successful completion of testing scheduled for the weekend of July 10. Please call Computing Support Services at ext. 14357 for more information.



Photo by C. James Gleason/VISCOM.

Sand Donated To Child Care Center

The Sarah Ives Gore Child Care Center for the children of faculty, staff and students of the College received a donation of sand for its playground sand box from The Greener Side. The locally owned business, which specializes in fresh produce, seasonal plants and residential and commercial landscaping, donated a truckload to the Center on June 6.

Also, the Center is selling notecards featuring children's artwork. Cost is \$5 per pack for a pack of eight. For more information, call Marsha McLean at ext. 12121.



40 Years At William & Mary

Three associates who have worked with Jim Kelly, assistant to the president, joined him at a surprise party in the President's Office recently to celebrate his 40th anniversary at William and Mary. Kelly, a member of the class of 1951, came to the College in the summer of 1954 as executive secretary of the Society of the Alumni and has served under five presidents—Alvin D. Chandler, Davis Y. Paschall, Thomas A. Graves Jr., Paul R. Verkuil and Timothy J. Sullivan. From left to right are Violet R. Chalkley, Sandy Wilms, Kelly's current administrative assistant, and Trudy Topping, who worked for Kelly when he first came to William and Mary.

Photo by Anne Sullivan.



WILLIAM & MARY

The Campaign For The Fourth Century

University Advancement Wins CASE Award

The Council of Advancement and Support of Education (CASE) has named the College to the 1994 Circle of Excellence in Educational Fund Raising for overall fund-raising improvement.

"We are very proud of the College's accomplishments during the Campaign for the Fourth Century and the tercentenary year. It's wonderful to see the hard work of our volunteers and staff recognized in this way," said Dennis Slon, acting vice president for university advancement.

The Campaign for the Fourth Century, the largest fund-raising campaign in the College's history, came to a successful end last year with more than \$153 million.

William and Mary and other members of the 1994 Circle of Excellence in Educational Fund Raising will be honored at a reception held during CASE's Annual Assembly on July 11, in Chicago.

Shredded Paper Recycling Program Initiated

The Recycling Office is initiating a campuswide recycling program for shredded paper. The paper will need to be collected in clear plastic liners. The Recycling Office can supply these liners upon request. In addition, magazines are accepted from all departments and offices. Please place magazines and glossy paper with either the newspapers or color paper.

Please call the Recycling Office at ext. 12274 with any questions, comments, or concerns. The Recycling Report Line, ext. 12286, can be utilized to report collection needs.

Women's Tennis Team Shines In Rankings

The Intercollegiate Tennis Association (ITA) ranked William and Mary's women's tennis team No. 1 in the East Region and No. 32 in the nation in its final rankings for the season.

News Schedule

The next issue of the *News* will be published on Wednesday, Aug. 17. All items and classified ads for this issue should be submitted to the *News* office in *Holmes House* by 5 p.m. Friday, Aug. 12.

Departments and Schools

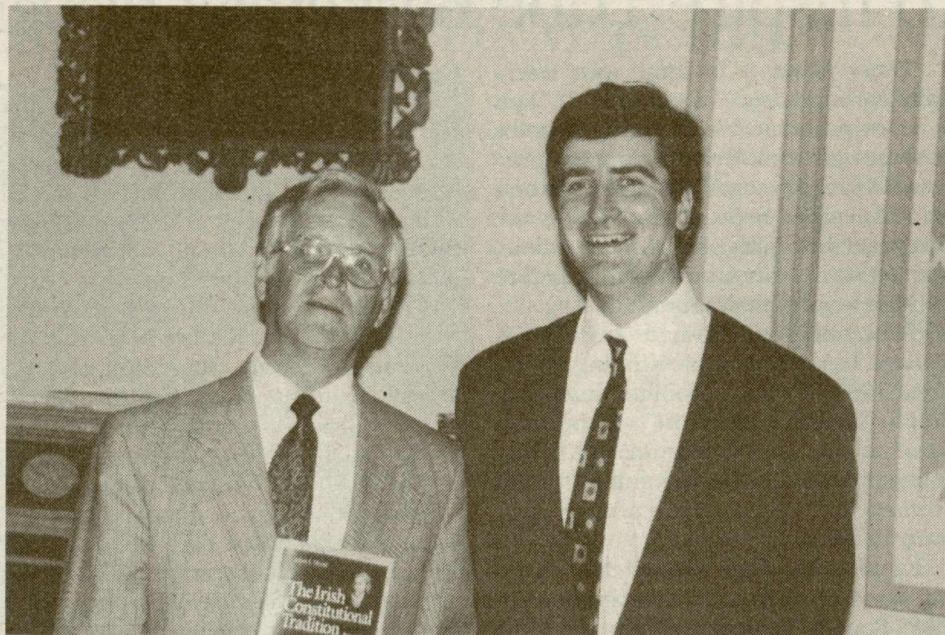
Applied Science

Dennis M. Manos, CSX Professor of Applied Science, has been awarded a \$12,301.50 grant to install text surface processing and surface measuring capabilities in the William and Mary Laboratory at the SRF; assist in the development of coatings for the suppression of field emission in the photoemitter electron gun; assist in the study of aging effects on passivated and unpassivated photoemitter surfaces; assist in the study of the surface effects of cold-forming of Nb and the possibility of such surface defects leading to Q-disease in CEBAF cavities; investigate the prospect thin films to provide low-temperature solderability on home absorbers; investigate the use of sputtered metal films as self-supporting, invasive transition-radiation probes for beam-position monitoring; and develop neural network methods for particle diagnostic interpretation.

Manos has also been elected on behalf of the scholarships and awards trustees of the American Vacuum Society (AVS), a fellowship in the AVS. This status was established to recognize members who have made sustained and outstanding scientific and technical contributions in areas of interest to AVS.

Chemistry

Gary C. DeFotis, Garrett-Robb-Guy Professor of Chemistry, published the following papers recently in the *Journal of Applied Physics*: "Ferromagnetism of Single Crystal $\text{Fe}[\text{S}_2\text{CN}(\text{C}_2\text{D}_5)_2]_2\text{Cl}$," co-authored by undergraduate students **Wayne Brubaker**, **Sarat Chandralapaty**, **Kate Beers** and **Greg Coffey**, and "Heat Capacity and Magnetic Properties of $\text{CoCl}_2 \cdot \text{H}_2\text{O}$," co-authored by undergraduate students Chandralapaty, Brubaker and **Craig Cinquina**, and by J.A. Lukin and S. A. Friedberg of Carnegie-Mellon University. While on sabbatical during spring 1994, DeFotis also delivered a seminar at the Royal Institution of Great Britain, "Magnetic Systems: Theory and Practice."



Professor of Government **Alan J. Ward** attended a reception at the Irish Embassy on May 26 to launch his latest book, *The Irish Constitutional Tradition: Responsible Government and Ireland, 1782-1992*, published by the Catholic University of America Press and the Irish Academic Press. Ward is pictured here with **Shane O'Riordain**, cultural attaché to the Irish Embassy.

School of Business

Assistant Professor **Kimberly J. Smith** and **Wanda A. Wallace**, The John N. Dalton Professor of Business Administration, have been awarded a research grant by The SEC and Financial Reporting Institute, School of Accounting, University of Southern California, to conduct an investigatory study titled "Exercising Executive Stock Options: Behavior and Determinants." The total award amount is \$33,629. Wallace also had her article "Commentary on Rowan A. Miranda" published in *Research in Governmental and Nonprofit Accounting*, Vol. 9, (1994); 267-75.

School of Education

Professor **Mark Gulesian** has been appointed a regional judge for the 1994 National Council of Teachers of English Achievement Awards in Writing. Through

this nationally recognized competition, now in its 37th year, approximately 800 high school seniors are cited for excellence in writing and are recommended to colleges and universities for admission and for financial aid, if needed. More than 4,000 students have been nominated this year for Achievement Awards.

Athletics

Peter Daub, coach of the men's tennis team, has been chosen to serve as the keynote speaker at the United States Tennis Association Tennis Teachers Conference, Aug. 28-30 at the U.S. Open in New York.

Office of Student Assessment

The American Association for Higher Education cited **Susan Bosworth**, assessment coordinator, for the best poster pre-

sentation at its national meeting in Washington, D.C., June 12-15. The title of her presentation was "Involving Students in Assessment Research."

Personnel

Rita Metcalfe has been promoted to the position of personnel practices manager. Metcalfe will serve as assistant director of personnel services, as well as continue with her current benefits administrator responsibilities.

College Physicist Inspires Future Scientists

Mark Hinders, assistant professor of physics and applied science, is encouraging the scientists of tomorrow by volunteering for an innovative educational program called Science-By-Mail.

The program teams children in grades four through nine with scientists who volunteer as pen-pal mentors. Members receive science activity packets three times a year, which contain a "big challenge" and the materials and experiments to solve the challenge. Members correspond by mail with scientists who offer ideas, advice and encouragement.

"I have long been interested in programs that help to educate the general public about science," Hinders said. "Getting children involved early helps to reduce the pervasive science illiteracy in our society."

Last year, Hinders helped his pen-pals build bridges based on different structure principles, write radio plays with sound effects and invent working timepieces. This fall, Hinders' pen-pals will start the Science-By-Mail year by creating a working weather station.

Recent Grants

Anthropology

Moyer, Curtis, archaeologist, "Conservation of Poplar Forest Artifacts," The Corporation of Poplar Forest Artifacts, \$140.

Center for Archaeological Research

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resource Survey of the Proposed Route 676 Project, Shenandoah County," Virginia Department of Transportation, \$7,048.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resource Survey of Proposed CE Level Project, Additional Report Preparation Route 669, Culpeper County," Virginia Department of Transportation, \$2,329.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II Cultural Resource Survey, Route 58, Lee County, Virginia," Blauvelt Engineers, \$15,953.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Graduate Student Internship for Survey and Planning Section," Virginia Department of Historical Resources, \$4,176.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Archaeological Survey Clover to Carson 500 kv Transmission Line, Halifax, Charlotte, Lunenburg, Mecklenburg, Brunswick & Dinwiddie Counties, Virginia," Virginia Power Company, \$85,572.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Cultural Resource Survey, CE Level Project, Route 666, City of Suffolk," Virginia Department of Transportation, \$1,045.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II/III Evaluation and Mitigation, Sites 44GL171 and 44GL177, Environmental Toxicology Building, VIMS Campus, Gloucester County," Virginia Institute of Marine Science, \$42,588.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Archaeological Survey of the Proposed Route 662 Project, Page County,"

Virginia Department of Transportation, \$5,836.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Student Internship—Collections Section," Department of Historic Resources, \$6,251.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Treatment Plan—Gloucester Point Archaeological District, Sites 44GL3944, 44GL177 & 44GL355, Sewer Line Project, Gloucester County," Virginia Institute of Marine Science, \$21,478.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase I Archaeological Survey of the Manassas Regional Airport, City of Manassas and Prince William County," Campbell and Paris Engineers, \$6,585.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II Architectural Evaluation of Bridge #1024, Botetourt County, Virginia," Virginia Department of Transportation, \$9,854.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Phase II Architectural Evaluation of the Savage-Seal House, Structure 34-972 Associated with Route 706 Project, Frederick County," Virginia Department of Transportation, \$6,997.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Historical Research at Milton Plantation, Charles City County, Virginia," Harrison R. Tyler, \$3,877.

Blanton, Dennis B., co-director/research, and **Donald W. Linebaugh**, co-director/administration, "Assessment of Archaeological Potential For A Proposed Sand/Gravel Mining Tract, Charles City County," Mays and Valentine, \$1,014.

Applied Science

Manos, Dennis M., director and CSX professor, with graduate student **Robert Perez**, "Administrative Research Principles for Invention Disclosures," National Aeronautics and Space Administration, \$7,115.

Manos, Dennis M., director and CSX professor, "Investigation of the Physics of Laminar-turbulent Transition in Supersonic Flows," National Aeronautics and Space Administra-

tion, \$100,000.

Orwoll, Robert A., professor, with graduate student **Joy Bryant**, "Patent Practice," National Aeronautics and Space Administration, \$25,772.

Starnes, William H., Floyd Dewey Gottwald Sr. Professor of Chemistry, "Microstructures of Polymers Prepared by Free-Radical Polymerization," National Science Foundation, \$83,000.

Thompson, David W., Chancellor Professor of Chemistry, with **Robin Southward**, graduate student, "The Single-Phase Chemical Metallization of High-Performance Polymer Films," Virginia Space Grant Consortium, \$5,000.

Biology

Beck, Ruth A., assistant professor, "Monitoring and Protection of Endangered and Threatened Avian Species During the 1994 Nesting Season on the Craney Island," U.S. Army Corps of Engineers, \$15,777.

Guth, Lloyd, research professor, "Models of Spinal Cord Injury for Drug Evaluation," National Institutes of Health, \$160,881.

Saha, Margaret S., assistant professor, "An Experimental Analysis of the Generation of Bilateral Symmetry: The Causes of Cyclopia," National Society to Prevent Blindness, \$11,000.

Chemistry

DeFotis, Gary C., professor, "Magnetic Phase Transitions in Novel Pure, Dilute and Mixed Magnetic Insulators," National Science Foundation, \$43,500.

Knudson, Stephen K., professor, **Bradley, Eric**, professor of biology, "Undergraduate Science Research Program," Merck/American Association for the Advancement of Science, \$45,000.

Kranbuehl, David E., professor, "FDEMS/QPALS Characterization of Polyimide and Bismaleimide Cure," Martin Marietta, \$2,000.

Rice, Gary W., associate professor, "Trace Element Analysis of Chesapeake Bay Sediments," Virginia Institute of Marine Science, \$4,400.

Thompson, David W., Chancellor Professor of Chemistry, "Materials Research on Polymeric Films," National Aeronautics and Space Administration, \$10,523.

Computer Science

Karamouzis, Stamos T., adjunct assistant

professor, "Using Previous Experiences for Diagnosing Aircraft Malfunctions," National Research Council, \$58,000.

Nicol, David M., assistant professor, **Ciardo, Gianfranco**, assistant professor, "Parallel Algorithms for the Simulations and Analysis of Stochastic Petri Nets," National Aeronautics and Space Administration, \$10,000.

Noonan, Robert E., professor, with **David Mullaney**, graduate student, "Constructing a Hazardous Waste Database," U.S. Army, \$7,384.

Park, Stephen K., professor, with **Edmond Joe**, graduate student, "Flow Visualization and Software Engineering," National Aeronautics and Space Administration, \$30,069.

Prosl, Richard H., associate professor, with graduate student **Tracey A. Beauchat**, "Aerospace Graduate Research Fellowship Program," Virginia Space Grant Consortium, \$5,000.

Sivertson, W. Eugene, senior research associate, "Assistive Technology Grant Program," Virginia Department of Rehabilitative Services, \$7,000.

Government

Henderson, Anne E., assistant professor, "The Politics of Foreign Investment in Eastern Europe," Woodrow Wilson Center Research Scholarship, \$10,000.

Henderson, Anne E., assistant professor, "Case Study Method of Teaching," Pew Faculty Fellowship in International Affairs, John F. Kennedy School of Government of Harvard University, \$7,500.

Mathematics

Drew, John H., associate professor, "Mathematical Sciences: Research Experiences for Undergraduates," National Science Foundation, \$30,000.

Johnson, Charles R., professor, "Mathematical Sciences: Collaboration on Topics in Matrix Analysis," National Science Foundation, \$48,000.

Li, Chi-Kwong, associate professor, "Numerical Range and Quantum Physics," North Atlantic Treaty Organization, \$7,400.

Spitkovsky, Ilya, visiting professor, "Topics in Operator Theory," National Science Foundation, \$67,500.

Music

Preston, Katherine K., assistant professor,

CONTINUED ON PAGE 5.

Swem Library Offers Plethora Of Summer Reading

The following selected new books provided with their descriptions and call numbers are currently available at Swem Library:

Enlightened Racism: "The Cosby Show," Audiences, and the Myth of the American Dream by Sut Jhally and Justin Lewis (Westview Press). PN 1992.77 C68J4 1992.

Despite the enormous popularity of "The Cosby Show" during the 1980s, its critics charged that it ignored the hard realities faced by a majority of black Americans and depicted a mythical, classless nation. Examining these charges, Jhally and Lewis considered the relationship between social reality and the world of television. "If it is necessary," say the authors, "for black people to become upper middle class to be spared the prejudices of whites, then it is a price most cannot afford to pay."

William Holmes McGuffey: Schoolmaster to the Nation by Dolores P. Sullivan (Associated University Presses). LA 2317 M2S85 1994

This study is a biography of the pioneering, 19th century educator and clergyman who created one of the most influential textbooks in American history, *McGuffey Readers*. About half of the book focuses on the famous *Reader*, outlining its social, moral and political impact, and recounting its amazing 150 year publishing history.

Variety's Film Reviews 21 Volumes (R.R. Bowker). REF PN 1993 V36.

Covering the years 1907-1990, this retrospective collection contains "complete and comprehensive reproductions" of film reviews that were published in *Variety*. The reviews are arranged in chronological order and indexed by title.

Playboy Stories: The Best of Forty Years of Short Fiction edited by Alice K. Turner (Dutton). PS 648 S5P53 1994.

This anthology would be ideal reading for those who bought *Playboy* magazine because of the short stories. One story from each of the magazine's 40 years of publication was selected for reprinting. The roster of contributors is a who's who of 20th century fiction. Malamud, Roth, Baldwin, Cheever, Updike, Oates, Marquez, Nabokov, Gordimer, Theroux and Le Guin are among the top writers whose stories at one time flanked the centerfold.

Healing Homosexuality: Case Stories of Reparative Therapy by Joseph Nicolosi (Jason Aronson, Inc.). RC 558 N52 1993.

Departing from those who assert that homosexuality has genetic origins, Nicolosi presents composite case studies of eight men struggling to claim a heterosexual identity. Nicolosi's therapy rests on controversial assertions—

such as "I was born gay" is shorthand for "I don't want to look at the early childhood experiences that caused me to become homosexual." These accounts will invite debate.

Electronic Style: A Guide To Citing Electronic Information by Xia Li and Nancy B. Crane (Meckler Publishing). REF PN 171 D37L5 1993.

This manual, compiled by two librarians, addresses the issue of citing materials that have been retrieved electronically. Using the APA citation style as a model, the guide presents a "standardized approach" for referencing most electronic sources, ranging from e-mail to full-text files.

Beside Ourselves: Our Hidden Personality in Everyday Life by Naomi L. Quenk (Consulting Psychologists Press) BF 698.3 Q46 1993.

A specialist in psychology type therapy, Dr. Quenk explains the *inferior function*, the hidden side of human personality that causes people to act out-of-character or in unexpected ways. Her aim is to show that atypical behavior is a natural, adaptive reaction and that understanding the phenomena that lead to enhanced self-understanding and improved relationships.

Strange Bedfellows: How Television and the Presidential Candidates Changed American Politics, 1992 by Tom Rosenstiel (Hyperion). HE 8700.76 U6R67 1993.

From the New Hampshire primaries to election night itself, Tom Rosenstiel followed the team of ABC News as it covered the 1992 race for the White House. His account is a comprehensive, insider's view of "how the media shaped the race from start to finish," and convincingly demonstrates that the observation of political events inevitably changes them.

Suspicion & Faith: The Religious Uses of Modern Atheism by Merold Westphal (Eerdmans Publishing). BR 128 A8W47 1993.

Challenging religious complacency in a unique way, Westphal analyzes the critiques of religion by Marx, Nietzsche and Freud as legitimate protests against a faith which merely manipulates God for man's purposes. He demonstrates how insights from these atheists can enhance religious experience by correcting sanctimonious self-deception.

Marketing Masters: Secrets of America's Best Companies by Gene Walden and Edmund O. Lawler (HarperBusiness). HF 5415.1 W35 1993.

Arguing that America's top companies will survive and thrive in the 1990s through creative and effective marketing, Walden and Lawler provide concise and readable sketches of more than three dozen companies' marketing strategies. From McDonald's to Rubbermaid, the authors share advice on successful pricing, distribution and customer service programs.

Listing provided by Carol McAllister, bibliographer/information services librarian, Swem Library

Recent Grants

CONTINUED FROM PAGE 4.

"American Song and American Culture in the 19th Century," NEH Summer Seminar at Peabody Conservatory and Johns Hopkins University, \$3,600.

Physics

Benner, D. Chris, research associate professor, "HALOE Investigation," National Aeronautics and Space Administration, \$62,991.

Champion, Roy L., professor, **Doverspike, Lynn D.**, professor, "Negative Ion Detachment Cross Sections," U.S. Department of Energy, \$122,797.

Delos, John B., "Atomic and Molecular Physics," Fellowship to Joint Institute for Laboratory Astrophysics.

Finn, J. Michael, associate professor, "Electromagnetic Interaction Studies of Neutrons and Nuclei," National Science Foundation, \$108,500.

Gross, Franz L., professor, "Topics in Theoretical Physics," U.S. Department of Energy, \$96,000.

Kossler, William J., professor, "Physics Research Experience for Undergraduates," National Science Foundation, \$68,000.

Kossler, W. Jack, professor, and **Kenneth G. Petzinger**, professor, "Muon Spin Rotation Measurements of Off Axis Internal Magnetic Fields in Anisotropic Superconductors," National Science Foundation, \$90,000.

Schone, Harlan E., professor, "Construction of Superconducting Shields," Physical Sciences, Inc., \$20,000.

Sher, Marc T., assistant professor, **Carlson, Carl E.**, professor, "Topics in Theoretical Physics," National Science Foundation, \$80,000.

Siegel, Robert T., professor, "Theory of Scattering of Muonic Hydrogen Atoms in Nuclear and Atomic Targets," National Science Foundation, \$10,000.

Sociology

Aday, Jr., David P., associate professor, with graduate students **Michael O. Maume**, **Kenneth M. Smith**, and **Victoria A. Wilson**, "Graduate Students Working in the Virginia Department of Youth and Family Services, Substance Abuse Unit," Virginia Department of Youth and Family Services, \$7,747.

Psychology

Derks, Peter L., professor, **Gillikin, Lynn S.**, adjunct professor, "Incongruity, Incongruity Resolution and Mental States: The Measure and Modification of Situational Awareness and Control," National Aeronautics and Space Administration, \$59,490.

Arts and Sciences

Lutzer, David J., dean of faculty of arts and

sciences, and **Samuel Sadler**, vice president of student affairs, "Curriculum Infusion at the College of William and Mary: Incorporating Student Life Issues Into the Academic Curriculum," State Council of Higher Education for Virginia, \$32,500.

Macdonald, R. Heather, acting dean of undergraduate faculty, and **Tamara Burk**, instructor, "Development of An Efficient Oral Communications Program," State Council of Higher Education for Virginia, \$57,460.

Scholnick, Robert J., "Patricia Roberts Harris Graduate Fellowships Program," U.S. Department of Education, \$48,000.

School of Business

Smith, Kimberly J., assistant professor, "Exercising Executive Stock Options: Behavior and Determinants," University of Southern California, \$33,629.

School of Education

Beers, James W., professor, "Virginia Writing Project," George Mason University, \$21,375.

Beers, James W., professor, "Eastern Virginia Writing Project," National Writing Project Corporation, \$15,000.

Gressard, Charles F., associate professor, "College Counselor Substance Abuse Training

Workshop," State Council of Higher Education for Virginia, \$18,990.

McEachron-Hirsch, Gail, assistant professor, "Christ Church Community: The Legacy of Its Past and Its Future," Virginia Foundation for Humanities and Public Policy, \$5,700; **Jessie Ball duPont Foundation**, \$4,275; **Foundation for Historic Christ Church, Inc.**, \$5,675.

Patton, James M., associate dean, "1994-95 Higher Education, Public School and Community Partnership Program," State Council of Higher Education for Virginia, \$10,395.

VanTassel-Baska, Joyce, Smith professor, "1994 Governor's School for Science and Technology," Virginia Department of Education, \$247,000.

VanTassel-Baska, Joyce, Smith professor, "1994 Governor's Mentorship Program at VIMS/NASA and William and Mary," Virginia Department of Education, \$57,000.

Center for Gifted Education

VanTassel-Baska, Joyce, director, "A National Dissemination Project: Science Curriculum for High Ability Learners," U.S. Department of Education, \$232,816.

Institute of Early American History and Culture

Teute, Fredrika J., editor of publications, "Writing a Woman's Life in the Early Republic:

The Liberation of Margaret Bayard Smith, 1778-1844," American Antiquarian Society, \$1,700.

Office of Multicultural Affairs

Hardy, Carroll E., "1994-95 Virginia Student Recruitment and Retention Program," State Council of Higher Education for Virginia, \$73,000.

Public Policy

Finifter, David H., director, "Support of Graduate Student Amy E. Stoakley for the Summer Semester," State Council of Higher Education for Virginia, \$2,700.

Finifter, David H., director, with Graduate Student **Caroline Lamberth**, "Graduate Fellowship," Virginia Board for People with Disabilities, \$15,500.

Reves Center for International Studies

Bill, James A., director, international studies, "Beyond the Nation-State: Transforming Visions of Human Society," Catherine T. MacArthur Foundation, \$50,000.

Canning, Craig N., "1994 Summer Keio Program," Keio University, \$9,400.

Ash Lawn-Highland

Walker, Judith H., program director, "The 1994 Summer Festival," National Endowment for the Arts, \$5,000.

Governor Allen Fills Four Vacant Seats On Board Of Visitors

CONTINUED FROM PAGE 1.

mission from 1988 to 1989.

A Republican candidate for Congress in the 1987 special election for Virginia's 5th District, she has also served on the Advisory Committee for Trade Negotiation in 1988 and as special assistant to President Reagan and as deputy director of public liaison from 1985 to 1987.

She was director of the executive secretariat at the U.S. Department of Transportation and was an assistant dean at the University of Richmond School of Law.

In addition to her bachelor's degree from the College, she has a master's in education from Wake Forest University and a law degree from the University of Richmond.

• Francis T. West of Martinsville, retired chairman and president of West Window Corp.

His extensive business experience includes chair of the Multitrade Group Inc. of Ridgeway; president of the Franklin Finance Co. Inc. of Rocky Mount; director of the Federal Trust Corp. in Winter Park,

Fla.; and director of Virginia Financial Services Association Inc.

West is a former director of Crestar Bank in Martinsville and former chair of the Region III Small Business Administration Advisory Council and a former member of the White House Commission on Presidential Scholars. His community services duties have included chair of the State Board for Community Colleges, chair

of the Patrick Henry College Advisory Committee and many other civic leadership positions.

A native of Salem, he attended public school in Gloucester and Roanoke College.

The four positions were left vacant after the terms of Frank Batten, James W. Brinkley, Najeeb E. Halaby and Wallace Terry had expired.

BBR To Publish New Quarterly Report

CONTINUED FROM PAGE 1.

the cost to a large enough number of subscribers to cover our expenses," said Roy Pearson, director of the College's Bureau of Business Research and editor of the monthly economic guide.

But with the end of the monthly *Report* comes the beginning of a new project for the Bureau of Business Research. Among the *Report's* most popular features in recent years have been the twice-yearly forecast issues, and Pearson plans to begin a quarterly publication, which will feature forecasts with more analysis and commen-

tary in a concise format.

"Broad development issues and specific industry development patterns and processes will be the central focus," said Pearson. The new publication, which will premiere in November, will be called *Virginia Development Perspectives*.

Like its predecessor, the new publication will have to create a following if it is to survive. The Bureau of Business Research is under a state mandate to be self-supporting.

For more information, contact the Bureau of Business Research at ext. 12935.



by Poul E. Olson
Acting Editor

One hundred and ten miles from the College in Wachapreague, Va., scientists from the Virginia Institute of Marine Science (VIMS) have been quietly performing research for the last 34 years at a small field lab on the Eastern Shore.

The most remote outpost of the College, the Eastern Shore lab at Wachapreague includes four buildings which sit on 4.5 acres adjacent to a salt water marsh and near the last substantial undeveloped barrier island chain along the Atlantic coast of the United States. The physical appearance of the facility has changed little since it opened in 1960. Its purpose, however, has evolved from a sole emphasis on research to an expanding role in marine education.

Over the course of the last academic year, 103 students from a variety of institutions, including William and Mary, took field trips to the lab where they visited salt marsh habitats, collected specimens and studied coastal geology.

Biology Professor Charlotte Mangum has been taking her classes to Wachapreague for more than 20 years. This past academic year, she organized a field trip for students from her "Invertebrate Biology" course to the lab where they conducted dredge and trawl experiments to examine marine animals in the surrounding salt water marsh.

"The diversity of material is so much greater there because it sits near the ocean rather than the Chesapeake Bay," Mangum said. "I don't know of any other place quite like Wachapreague."

Pointing out that there are no other state-run field labs in Virginia for the study of marine life, Mangum said the availability of a dormitory at Wachapreague is an important advantage of the facility.

"The dorm makes possible a total immersion experience for aspiring scientists to conduct research during the summer," she said.

Although similar numbers of classes and students have been coming to the lab for nearly two decades, the facility remains a well-kept secret, according to its director, Mark Luckenbach. He believes Wachapreague's full potential as an extension of classroom instruction, especially in the sciences, remains untapped.

"No place like this exists in the United States with access to so many undeveloped barrier islands and a unique salt water marsh lagoon system," Luckenbach said. "We have a field lab here with the capabilities and knowledgeable personnel to show students, both undergraduates and graduates, the intricacies of a viable ecosystem unscathed by man."

Education is only a small part of Wachapreague's purpose. As a research facility, Wachapreague plays a significant role in the commercial and recreational fishing industries.

When Mike Castagna started the Wachapreague lab, he recognized

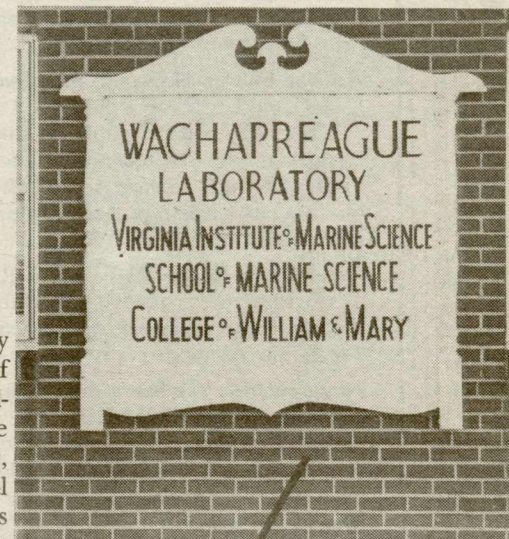
The 3,200-sq.-ft. Wachapreague Lab on the Eastern Shore consists of four buildings situated on 4.5 acres of land adjacent to a salt water marsh.

The Far Side Of William and Mary

VIMS Eastern Shore Lab Strengthens Research And Educational Mission

Photos by C. James Gleason/VISCOM.

Several docks jut from the main compound into the waterway surrounding the salt water marsh. This shed at the end of one dock houses water pumps for several facilities at the lab. It also sometimes serves as a holding area for animals that are being studied or cultured at Wachapreague.



that the facility's access to the natural wealth surrounding it could serve an integral role in the development of aquaculture—the farming of marine animals. As several diseases wrought havoc on oyster stocks in the Chesapeake Bay in the 1960s, Castagna and his colleagues particularly recognized the need to monitor the spread of these diseases and eventually develop cost-effective ways for oystermen to grow and harvest oysters themselves.

The research at Wachapreague has already paid off in helping Virginia's watermen. By the time Castagna retired in 1992, the research he oversaw was directly responsible for the emergence of a viable hard clam aquaculture industry. Today, the hard clam aquaculture industry on the Eastern Shore surpasses natural hard clam harvests.

Luckenbach, an associate professor of marine science, took over as administrator of Wachapreague after Castagna left. Under his administration, the lab has maintained its integral role in providing outreach services to watermen.

Of the approximately 20 research projects at the lab, many focus on shellfish, especially the imperiled oyster fishery, and its aquaculture.

VIMS scientists routinely monitor the status of oyster stocks on the Eastern Shore where most of the remains of that fishery are located, and they are also actively involved in studies of oyster ecology.

Since efforts to sustain a viable oyster aquaculture have met with limited success, research in this area has centered on the development of other forms of aquaculture, with the displaced oyster harvester in mind.

One ongoing project at the lab is examining the potential for culturing bay scallops,

a pricey cousin of the sea scallop. Mike Oesterling, commercial fisheries specialist

and coordinator of this project, is using the Wachapreague lab to compare the growth effectiveness of two types of methods for culturing bay scallops.

One important aspect of Wachapreague that Luckenbach intends to expand is the seawater flume laboratory. Designed to mimic salt water current flow, this lab will help scientists better understand the effect of velocity and water turbulence patterns on marine plants and animals.

Projects in this particular laboratory currently examine the role of water flow on oyster feeding and growth, the settlement of oysters, and the dispersal of submerged aquatic vegetation.

A related ongoing research project at Wachapreague involves the study of artificial oyster reefs. A combined effort with Old Dominion University and Virginia Power is focusing on whether coal pellets could be used as an effective habitat for the oyster fishery.

According to Luckenbach, the prospect looks promising for this material to develop artificial reefs since Virginia Power has offered to supply free pellets.

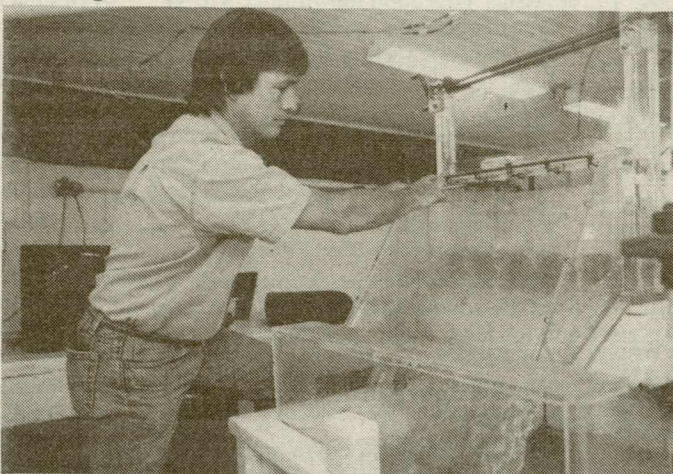
In an effort to make Wachapreague more accessible to researchers, recent policy changes and new grant funding have allowed for the expansion of the number of projects at the facility.

But with a limited staff totaling eight people, some supported by funds from federal grants, Luckenbach said his colleagues are hard pressed to keep up with the daily demands of the research projects. Many of the aquaculture experiments, for example, require regular maintenance seven days a week.

The addition of a 3200-sq.-ft. building, the first new construction since 1962, will provide much needed lab and storage space for research. Luckenbach said that ultimately the new building will provide greater flexibility for Wachapreague to expand its educational outreach.

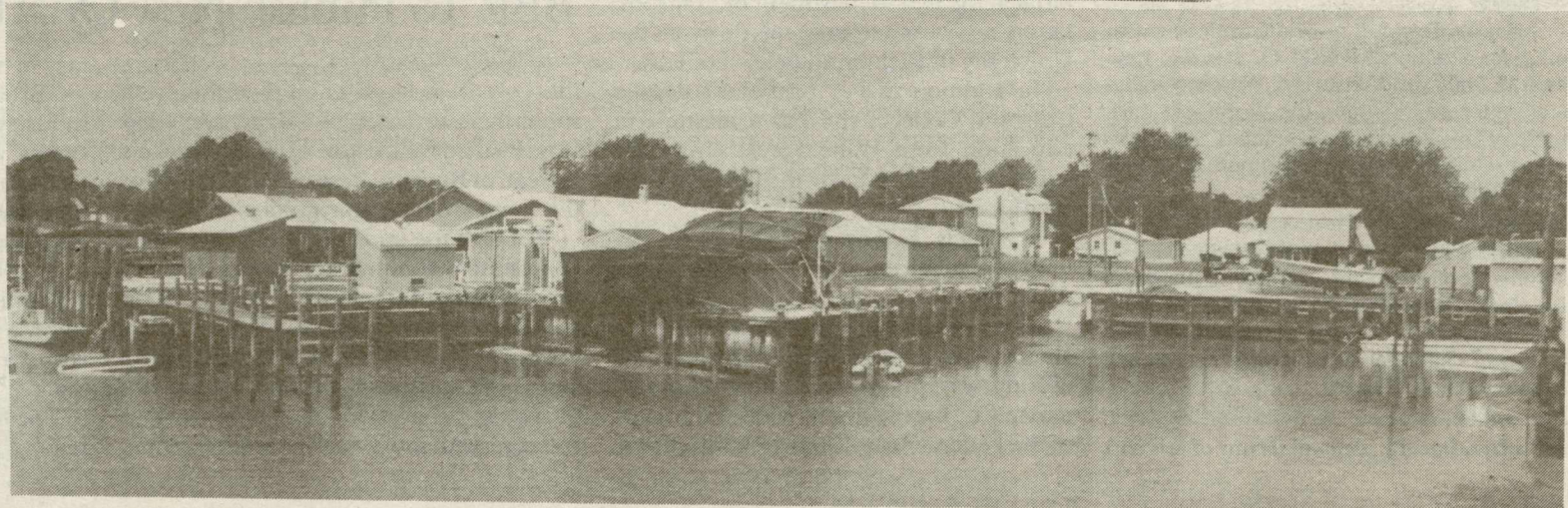
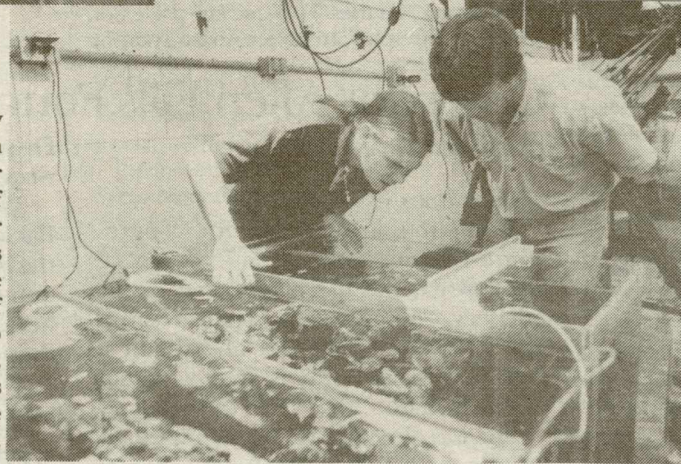
While both Luckenbach and Bob Byrne, director of research at VIMS, hope that Wachapreague's potential as a field classroom can be realized, they stress that the lab's growth depends on growth in its budget and resources.

Both scientists agree, however, that Wachapreague's mission should focus on the development of its educational potential, with particular emphasis on making use of the unique natural wealth surrounding the facility.



Mark Luckenbach, director of the lab, demonstrates the mechanics of the seawater flume laboratory.

The Wachapreague Lab serves not only researchers from VIMS, but also scientists from the New England Aquarium and filmmakers for National Geographic. Taking advantage of Wachapreague's close proximity to the salt water marsh and the lab's shelter, Blue Earth Films is currently producing a documentary on the ecology of salt water marshes titled "Lifestyles of the Wet and Muddy." The project will take two years to complete. As Luckenbach (r) looks on, Mark Gardner (l) of Blue Earth Films feeds animals in tanks designed to model the underwater environment in the marsh.



More Than A Century Of Service To William and Mary

Bob Hunt, Stan Brown, Theresa "Pete" Freeman and Hester Geithman know what job dedication means. The four staff members, who retired this month from the College, collectively served William and Mary for 102 years.

Student Service—The Hunt Hallmark

For 37 years, Bob Hunt worked closely with students, both as dean of admission and associate director of career services.

As dean of admission, Hunt admitted thousands of students to William and Mary, including President Sullivan. From 1980 until his retirement last month as associate director of Career Services, Hunt also helped thousands more find jobs after they graduated.

"Working in career services did not put me under nearly the same personal pressure as when I was dean of admission," Hunt said. "But it did allow me to work with a lot of students on a more personal basis than when I was in the admission office."

Reflecting on his positions and his 37 years with the College under five College presidents, Hunt said that he was always extremely proud to work for an institution of William and Mary's high caliber.

Even in retirement, Hunt intends to maintain his close association with the College by serving as an interviewer for the Office of Admission. He also plans to pursue less professional interests, including gardening, boating, golfing and community service through the Kiwanis Club.

Career Services Expands Outreach To Students Under Brown

As director of career services since 1985, Stan Brown has been instrumental in the lives of countless students.

Under his administration, the office developed a wide array of career services for students, including skills assessment programs, graduate school admission assistance and alumni career service programs. Brown also helped bring to the College more than 100 graduate schools and more than 200 employers to recruit students.

Brown said his greatest reward for his work has come from the letters of appreciation that he has received on behalf of his office from employers and students.



A retirement reception was held June 24 in the University Center for Bob Hunt, Theresa "Pete" Freeman and Stan Brown, who all retired in June after 84 years of collective service. Pictured here are: Brown, Hunt and Freeman (front row); President Sullivan and Sam Sadler, vice president for student affairs.

In addition to working in career services, Brown also worked in the financial aid and development offices for a total of 25 years at the College.

Looking to retirement, Brown plans to travel extensively with his wife and become a more active volunteer in the community. He is also considering developing an information packet for colleges considering to start their own career services office.

"Pete" Freeman—A College Institution

At her retirement reception, someone came up to Theresa "Pete" Freeman and said that they had never met an institution before.

For the last 21 years as executive secretary to Sam Sadler, vice president for student affairs, Freeman often served as Sadler's liaison to students when he was unavailable.

"In this position, I always had the feeling that I was a part of the students' educational experience," said Freeman.

Describing the office environment in student affairs as consistently "fast-paced," Freeman said her greatest challenge was keeping the office on schedule and trying to ensure that the vice president could be available to students and others.

"The hardest thing I had to do was disappoint a student," she said. "I only remember one time when a student really read me out because

he couldn't get to see the vice president.

"That incident really bothered me. But after I told Sam about it, the student came back the next day and apologized."

Freeman takes pride in how the College has expanded services to students over the years. "There is a great deal of caring for students here, not only for their education, but their out-of-class experiences as well," she said.

Freeman delayed retirement for a year to be a part of the Tercentenary year. Now she is looking forward to "a more leisurely life" with her husband, including traveling and perhaps some volunteer work.

The Police Dispatcher With An Active Future Ahead—Hester Geithman

Working for Campus Police for the past 18 years, Hester Geithman served most of that time in the relatively anonymous position of a communication operator or dispatcher.

For 17 years, he led a "cloistered existence," relaying calls to police officers during the graveyard shift.

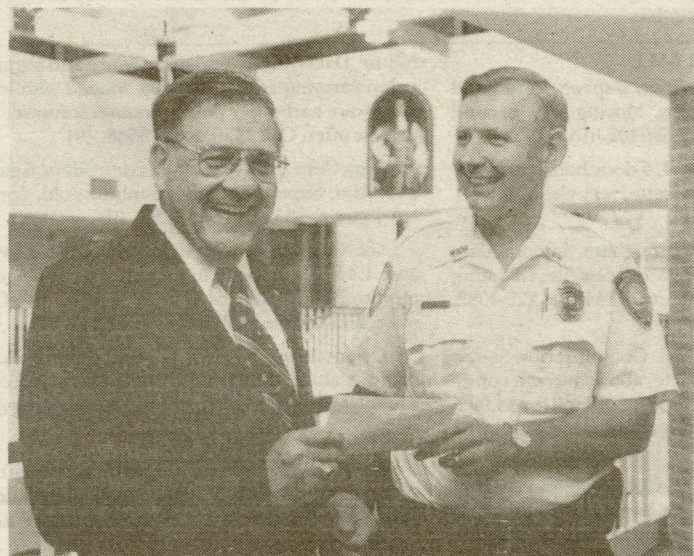
His most vivid memory of working in this position was of the February evening in 1983 when the call came in at 1:11 a.m. that Jefferson Hall was burning.

For the last year, Geithman served as a safety services specialist for Campus Police. "This position finally gave me the opportunity to meet face-to-face with students and put the voices with the people," he said.

Although most people might look to retirement as an opportunity to relax, Geithman will pursue a master's degree in pastoral studies with Loyola University beginning this fall.

Geithman said his reasons for pursuing the degree stem from his concern over the decline in the number of young people going into the Catholic priesthood and his commitment to "keep active until in a horizontal state."

Citing a dictum that guides both William and Mary students and his life, Geithman said, "Education is not preparation for life. It is life itself."



Hester Geithman (l), former safety services specialist with Campus Police, was honored at a retirement reception on June 30 in the University Center. Chief Dick McGrew presented Geithman with a \$100 gift certificate for the purchase of fishing equipment.

Photos by C. James Gleason/VISCOM.

HACE Celebrates Employee Excellence



Housekeeping worker Edmonia Partlow received the February Employee of the Month Award. Partlow, who performs general housekeeping duties throughout Ewell Hall, has been at the College for 22 years.

In the letter of nomination for the award from the Department of Music, Partlow was cited for "conscientious, thorough, scrupulous housekeeping performance" and "her exceptional attitude."

"By the time we come into Ewell Hall each morning,

Edmonia Partlow is hard at work," the citation said. "It's not unusual to enter the elevator and find her polishing the interior walls and removing the many fingerprints from the chrome-like doors. The bathrooms are impeccable. There's no dust to be found anywhere."

Partlow lives in Williamsburg and has three children and five grandchildren. In her spare time, she enjoys crocheting flowers and reading.



Mary Williams, postal assistant and student coordinator in College Postal Services, was awarded the April Employee of the Month Award. A former official with the U.S. Postal Service, Williams, who generally works at the front window, has been with the College for the past two years.

In the letter of nomination for the award, her supervisor Ernestine Smith described Williams as a "well-rounded" worker, always willing to contribute and help out.

Williams lives in Gloucester with her husband Calvin and has two children. She enjoys sewing, craftmaking, antiques and gardening.



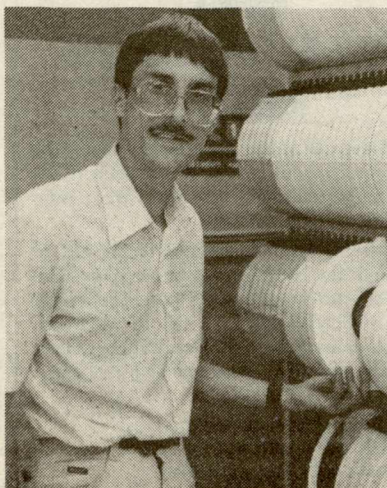
House-keeping Worker Stanley Jones won the March Employee of the Month Award. Jones, who is responsible for general housekeeping duties on the second floor of Small Hall, has worked at the College since November 1992.

In its letter of nomination for the award, the Department of

Geology praised Jones for his devotion to his job, pleasant personality, attention to cleanliness in the offices and willingness to followup promptly on housekeeping requests.

Jones lives in Williamsburg and has two children. His hobbies include weightlifting and playing basketball.

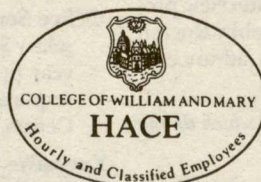
Photos by C. James Gleason/VISCOM.



Robert Richardson computer systems engineer in Swem Library, was the winner of the June Employee of the Month Award. Richardson has worked at the College for more than eight years and is currently responsible for managing Swem Library's computer systems.

In the nomination for the award, Richardson was cited for his "self-motivation, can-do attitude and willingness to put in extra hours."

He lives in Williamsburg with his wife, Karen. In his spare time, Richardson enjoys backpacking, gardening, and photography.



Myron Hayslett, audiovisual education specialist in Technology Services, received the May Employee of the Month Award. Hayslett, who maintains the availability of audiovisual equipment to the entire university, has been with the College since September 1971. In the letter of nomination for the award, supervisor Loretta Early praised Hayslett for providing "service with a smile" and going beyond what is expected of her. Hayslett lives in Gloucester.



VSF Continues Through July 31

The Virginia Shakespeare Festival is presenting performances of "Othello" and "A Midsummer Night's Dream" through July 31 in Phi Beta Kappa Memorial Hall.

At right, Lysander (Robert A. Goddard III) professes his love to Hermia (Laurie Jill Strickland) as Helena (Elizabeth Zins) looks on in the Festival's production of "A Midsummer Night's Dream."

For more information and to make reservations, call the box office at ext. 12674.



Photo by C. James Gleason/VISCOM.

CALENDAR SPECIAL EVENTS

July 14. Annual Picnic for William and Mary staff, Wren Yard, 11:30 to 1:30 p.m. (Rain Plan: W&M Hall).

PERFORMANCES

Through July 31. The Virginia Shakespeare Festival will present "Othello" and "A Midsummer Night's Dream" on a rotating schedule Tuesdays through Sundays in Phi Beta Kappa Memorial Hall. Performances are at 8 p.m. except on Sunday when there is a 2 p.m. matinee only. Tickets are \$12, \$20 for both plays if tickets are purchased at the same time. Box office hours are 10 a.m. to 8 p.m., Monday-Saturday, and 10 a.m. to 2 p.m. on Sundays. For information, call ext. 12674.

EXHIBITS

Muscarella Museum

Through July 31. "The Conceptual Canvas: Abstract Expressionist Paintings from the Museum's Jean Outland Chrysler Collection and "Animalia"

CLASSIFIED ADVERTISEMENTS

Classified ads are included as a service to members of the College community and will be accepted from faculty, staff, students and alumni only. Ads should be no longer than 40 words and must be submitted in writing to the William and Mary News office no later than 5 p.m. on the Friday preceding the first insertion.

FOR SALE

1985 Mazda GLC, 4-door, 5-speed, very good condition, many new parts. Moving sale. Second owner. \$695 (neg.) Call 220-5409. (9)

Volkswagen Rabbit 1984, 4-door hatchback, maroon, 4-speed, AM/FM cassette, very clean. \$1,350. (9)

Olds '87 Cutlass Ciera Brougham, 4-door sedan, power everything, AC, AT, stereo cassette, CB radio, 33,000 miles. \$6,000. Call ext. 12448 or 229-4082. (9)

1987 Dodge Caravan LE. Good interior. Stereo cassette. Great family vehicle, above average condition. Valued at \$5,375 as trade-in, will sell for \$4,995. (Need compact car for daily commuting.) Call 229-0757. (8)

'81 Chevrolet Caprice Classic station wagon, \$1,250. Big car, excellent for hauling medium-sized furniture, lots of boxes or a big family. AC, AT, PS/PB, AM-FM cassette, almost new tires. Call 229-2252. (8)

Moving—must sell. '86 Mazda 626 in very good condition. 4-door, AT, AC, PS, PB, cruise control, AM-FM cassette radio. \$3,390. Call 253-1599. (8)

1985-1/2 Mercury Lynx, 2-door hatchback, white, A/C, AM-FM, 4-speed, 181K miles, one owner. Runs good. \$900. Call 229-1845. (7)

1987 Celebrity station wagon, light brown, excellent condition, original owner, complete maintenance/repair records. \$2,700. Call 642-7256, days. (7)

19' Renken outboard and trailer. Needs motor. Rigged with Mercury 80 HP controls, anchor, paddles, fire extinguisher, life ring, preservers, dock lines. Interphase fathometer/fishmeter and fishing equipment optional. \$888. Call 888-0880. (8)

High performance Mnt. bike for sale, upgraded '92 Bridgestone MB-2, purple, 18.1 frame. Outfitted in Ritchey, Dcomp, Shimani and Specialized components/accessories. Hot parts: SI Tit. seat, RShz Q. Onza's, P smoke lites. \$1,200 (firm/neg.). Call Steven, 229-7885. (9)

Bicycles for sale: women's 26" Murray 10-speed, like new, \$49. 27" Western Flyer 10-speed, \$20. Men's antique Raleigh from the 1950s: 26", 3-speed, mechanical rod brakes, leather seat, enclosed chain guard, \$125; 26", 3-speed, electric lights, leather seat, enclosed chain guard, luggage carrier, \$115; both ride well. Montgomery Ward 26" tandem, \$200. Call Richard at 565-1572 after 6 p.m. (8)

White Graco wind-up baby swing, in excellent condition. \$20. Call 253-0439 after 5 p.m. or ext. 11182 during office hours. (9)

Dark brown desk, 52-1/2" high, 41-1/2" long with computer stand and printer table. \$65. Call 259-0786. (9)

Moving sale: queen-size King Koil bed (mattress, box spring, frame), only 8-months-old, \$150. 3-leaf dining table set with chairs, \$55. 19" RCA color TV, \$80. Couch, \$25. Coffee table, \$15. End table, \$5. Floor lamp, \$10. Call 229-9551. (8)

Moving—must sell. Brown-and-white bookshelves, \$45 each. Desk with computer stand and printer table, \$60. 5-drawer dresser, \$80. Night stand, \$40. Call 253-1599. (8)

Moving sale: queen-size futon with Italian metal frame, red cushion and black frame, \$90; single bed like new, white metal head and footboards with mattress, \$75. Call 229-1661. (7)

Brother word processor: Model WP-3400. Many features. Manual included. \$160. Call 888-0880. (8)

Macintosh SE-30, 4MB RAM, 105MB Radius hard disk, 1.44 MB Mac/DOS floppy drive. Also includes

mouse, Data Desk extended keyboard and burgundy nylon carrying case. Hard disk loaded with lots of shareware and other public domain software. \$800 or best offer. Call Matt, ext. 13548. (9)

Sega Genesis, 1-year-old, 2 controllers, 6 games. \$90. Also, Super Nintendo, 6-months-old, controller, 1 game. \$55. Call 565-6266. (9)

386X40MHz PC with 40 MB HD, 1 MB RAM, 1.2 and 1.44 MB floppy, and Zenith 14" VGA color monitor. Mini-tower case. Loaded with lots of software. \$550 or best offer. Call 221-8347. (7)

Oriental rug, 8-1/2' x 11'. Red dominates, medallions along the border, vine pattern in center. \$1,000. Call ext. 13946 or 353-1737 (evenings) (7)

FOR RENT

Retired professor has waterfront home with private room and bath available. Will share kitchen and finely furnished facilities with mature adult, faculty or graduate student. \$350/month. 30 minutes from campus. Possible use of organ, piano, computer. Friendly dogs. Leave message at 898-7414 or write Box 947, Yorktown 23692. (9)

3-BR, 2-story furnished home available Sept. 1-Aug. 31, 1995 in Skipwith Farms. Five minutes from College, near WJCC Rec Center. Large fenced yard, garage, washing machine, dryer, family room, patio. \$750 mo. +utilities. Call 229-9969 and leave information. (9)

Furnished house with 4-5 BRs, 5 minutes from campus, offered by faculty on leave Jan.-June 1995. For information, call ext. 13906 or 229-7620. (8)

Faculty house to share for academic year: commuting male professor will share spacious furnished house adjacent to campus with professor or older student. Private BR, bath, study. Share LR, DR, kitchen, utilities. Excellent situation. \$400 per month. Call (804) 295-7030. (8)

The following positions at the College are open to all qualified individuals. Those wishing to apply must submit a Commonwealth of Virginia application form (and resume if they wish), which includes applicant's social security number, to the Office of Personnel Services, Thiemes House, 303 Richmond Road, by no later than 5 p.m. on the deadline date. For application deadlines and additional information, call ext. 13167.

Informational interviews will be held in the Office of Personnel Services from 9 a.m. to noon on Thursday of each week.

The College will make a reasonable effort to accommodate persons with disabilities in the application, testing and/or interview process. If possible, please contact Debby Rorrer, ext. 13155, at least three days in advance of the need for accommodation.

The following are part-time positions which do not carry benefits.

Secretary (unclassified)—\$6.75 per hour, part time, approximately 30 hours per week. #11016. Location: School of Education

Office Services Assistant (unclassified)—\$6.75 per hour, part time, approximately 30 hours per week. #H148. Location: School of Business.

Secretary Senior (unclassified)—\$7.38 per hour, part time, approximately 30 hours

Fully equipped condo at Wintergreen Resort. Enjoy golf, tennis, fishing, hiking and pools, sleeps 6+. Sun-Thurs., \$45 nightly; Fri., Sat. or holidays, \$55 nightly. Call 565-2798. (8)

4-BR, 2-1/2-bath house, all appliances, fully furnished. May also be rented unfurnished. \$875 per month, plus utilities. Call 565-2798. (8)

Furnished (including linen and kitchen ware) 2-BR house Aug. 15-May 15. Lovely setting by pond. \$714 per month, plus utilities. Call 565-6175 and leave message. (8)

WANTED

Salaried choir director needed for small, growing church. Sunday morning service and Tuesday evening rehearsal. Call 220-8044 for more information. (9)

W&M professor and spouse seek short-term rental or housesitting position in Williamsburg area. Ideally to run from end of July to end of Sept. when own house will be ready. Call Hildy Teegen, ext. 12865. (9)

Graduate student couple seeking sublet or housesitting opportunity in Williamsburg area for Fall 1994 semester (Aug. 1-Dec. or Jan.). Contact Myriam Fizazi or David Hawkins at 253-5834 (home) or 220-6696 (office). (9)

Visiting faculty seeks 1-BR apartment or shared housing for '94-'95 academic year. Must be within walking distance of the College or accessible by public transportation. Call Michael Parsons at (812) 824-6820. (9)

Wanted to buy: Sky-kennel for 60 lb. dog. Call 229-2252. (8)

Part-time instructor needs room or small apartment. Call 229-0757. (8)

Responsible graduate student with mannerly cat seeks apartment or room to rent for upcoming school year. References available. Call Lona at (804) 248-6407. (8)

Sitter needed occasionally for well-behaved 6-year-old baseball player. In Port Anne, close to Col-

Registration Advisory Group To Meet July 19

The university wide advisory group for the registration module of the new Student Information System will hold its next meeting on Tuesday, July 19 at 9:30 a.m., Blow Hall 332. The preliminary course scheduling application is almost complete and the student registration task force will report on work in progress. All faculty, staff and students are welcome to attend. Contact Virginia Carey at ext. 13980 for more information.

Publications, University Relations To Move July 21

University Publications and University Relations Offices will be moving on Thursday, July 21 from James Blair Hall. Publications, including the *William and Mary News*, will move to Holmes House at 308 Jamestown Road. University Relations will move to Lambert House, at 312 Jamestown Road.

lege, once or twice a month, 3:30-6 p.m. or 7 a.m.-6 p.m. Call 253-1515 evenings or weekends. (8)

Host families need for foreign exchange students. Two programs offered for 1994-95: a 4-week summer session and terms starting at 3, 6 and 9 months for academic school year. Get involved in international relations and invite an exchange student to your home for one of the most rewarding experiences you'll ever have. For more information, call Pamela Brummons, 850-3065 (8).

Adult female graduate student looking for quiet, amiable living situation beginning Aug. 15. Prefer wooded location; responsible, non-smoking roommate(s), 35+ if possible. AC, storage space, total expenses under \$325. Call (413) 448-3143 and leave a message for Kalindi. (7)

Have a car? Like to swim? St. George's Hundred family needs your help this summer. Call Peggy or David at 229-0757 or Peggy at ext. 12626. (7)

SERVICES

Experienced housesitters with excellent references available for 1994-95 academic year (or longer) to care for your home while you are on leave or sabbatical. Graduate student couple with expertise in carpentry, gardening, etc. Depending on situation, we would be willing to pay low rent, manage property and/or do home improvement projects. Please call Colleen at (617) 268-1428. (8)

Making it work: I can haul furniture, paint, cut the yard, trim hedges, clean gutters, rake leaves and move trash. Reasonable rates. Call Percy, 258-0834 after 12:30 p.m. (7)

FREE

Free to good home: Psychology textbooks and journals, 1980s to current (some older). Great for local, national or international distribution. Will donate for personal or public use. Place requests no later than July 15. Items not removed from premises by Aug. 1 will be recycled or destroyed. Call Kathy at ext. 13871. (7)

EMPLOYMENT

per week. #H276. Location: School of Education.

The following are regular full-time (classified) positions which do carry benefits.

Trades/Utility Worker (Grade 3)—Entry salary \$12,850. Occasional overtime may be required. #127 & #544. Location: Athletics

Laboratory Technician Senior (Grade 5)—Entry salary \$15,357. *Restricted appointment with funding subject to renewal June 30.* Occasional overtime, weekend and holiday work will be required. #091. Location: VIMS (Fisheries).

Office Services Specialist (Grade 5)—Entry salary \$11,518. This is a 9-month, academic year position. Some holiday work will be required. #099. Location: Student Health Center.

Executive Secretary (Grade 6)—Entry salary \$16,788. #N037. Location: University Advancement.

Programmer (Grade 10)—Entry salary \$23,975. #216. Location: Technology Services.

Auditor-Internal (Grade 11)—Entry salary \$26,209. *Restricted appointment with funding subject to renewal June 30.* #064. Location: Internal Audit.

Marine Scientist Senior (Grade 12)—Entry salary 28,652. *Restricted appointment with funding subject to renewal June 30.* #226. Location: VIMS (CBNERRVA).

Computer Systems Engineer (Grade 14)—Entry salary \$34,240. #218. Location: Computer Center.



WILLIAM & MARY

NEWS

The William & Mary News is issued during the school year for faculty, staff and students of the College and distributed on campus Wednesday afternoons.

News items and advertisements should be delivered to the News Office, James Blair 310A (221-2639), no later than 5 p.m. the Friday before publication. Notices for the calendar should be delivered to the News Office no later than 5 p.m. the Wednesday before publication.

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