

William and Mary

NEWS

A WEEKLY NEWSPAPER PUBLISHED FOR AND ABOUT THE FACULTY, STUDENTS AND STAFF OF THE COLLEGE OF WILLIAM AND MARY

Volume XVIII, Number 1

Wednesday, August 24, 1988

Faculty meeting, Sept. 6

The annual Collegewide faculty meeting will be held at 3:30 p.m., Tuesday, Sept. 6 in Millington Auditorium.

Provost Melvyn D. Schiavelli will preside, and the academic deans will introduce new members of their respective faculties. Deans and departmental chairs are urged to extend special invitations to their new colleagues to attend this meeting. Biographical information on new faculty will be distributed in advance of the meeting to reduce the time of introductions.

Mr. Henry T. Tucker Jr., Vice Rector of the College, will offer a few remarks, and I will discuss the administration's priorities for the upcoming academic year.

After the meeting, you are invited to attend an informal reception in the Muscarelle Museum. I hope to see you on Tuesday, Sept. 6.

Paul R. Verkuil
President

P.S. Please mark your calendar for Sunday, Sept. 25, at 11:30 a.m. when Mrs. Verkuil and I look forward to visiting with you at the annual faculty brunch in the Wren Yard.



Governor's Fellows pose on the steps of the General Assembly Building. Left to right are Tim McEvoy, Dianne Carter, Eric Williams, Mary Beth Wittekind, Amy Hartman, Renee Snyder and Andrew Williams.

Tercentenary exhibit funded by NEH

The National Endowment for the Humanities has awarded the College a grant of \$139,609 for "The Age of William III and Mary II: Power, Politics, and Patronage, 1688-1702." Directors will be Professor Robert P. Maccubbin and Martha Hamilton-Phillips.

The College has invited the Grollier Club and Folger Shakespeare Library to collaborate in presenting this major public exhibition to celebrate the tercentenary of the Glorious Revolution.

The exhibition will demonstrate how the reign of William III and Mary II was pivotal in European and colonial history. It will encompass a comprehensive range of topics from politics, religion and economics to science, literature, music, theatre and the visual arts.

The show will feature paintings, drawings, prints, manuscripts, rare books, maps, medals, art objects and artifacts. It will be accompanied by many public events and the publication of a reference catalog containing thematic essays by 47 international authors. The show will run from Dec. 1988 to June 1989. (See other grant awards, p.4)

Swem center for early English books

University Microfilms International in Ann Arbor, Mich., has designated Swem Library as an "Early English Books Research Center" for its support of UMI's Early English Books Series, which began 50 years ago.

This series involves the microfilming of the 26,500 titles in Pollard and Redgrave's *Short-Title Catalogue*, which includes nearly every book printed in Great Britain or in the English language from 1475 to 1640, and the 50,000 titles in Donald Wing's *Short-Title Catalogue*, English language books published in Great Britain and British North America from 1641-1700. Filming of the collection has taken place on two continents, at several cooperating libraries.

Swem Library owns the entire available collec-

tion, distinguishing it as one of only a select group of institutions in North America with this fine resource available for scholarship and research.

At an awards ceremony held July 11 at the American Library Association conference in New Orleans, the library was presented with a certificate by John Riedel, senior vice president of UMI, and has received a plaque for permanent display. Presentations were accepted on behalf of Swem by John D. Haskell Jr., associate university librarian.

UMI is a Bell & Howell Information Company headquartered in Ann Arbor, Mich. Since its founding, UMI has been a world leader in the information industry, providing research materials to educational institutions, school, public, college and corporate libraries.

Grant Application Deadlines

Application forms for faculty summer research grants, faculty semester research assignments and minor research grants (normally not exceeding \$300) are available from the Office of Grants and Research Administration (James Blair 202).

Applicants should read the policy and principles statements attached to each application before submitting a proposal.

Application deadlines will be enforced strictly.

Deadlines:

Minor research grants: Oct. 6 and Feb. 2, 1989.

Faculty summer research grants: Oct. 20

Faculty semester research assignments: Nov. 3.

Seven graduates spend summer working for Governor's Cabinet

The College placed seven May graduates in the Governor's Fellows summer program this year and all echoed the comments of earlier participants; it is an exciting to be a part of a program that gives them an opportunity for real hands-on experience in state government.

Andrew Williams worked in the attorney general's office, focusing on insurance regulations and public policy. It was a good opportunity he felt to "test the waters" since he is planning to pursue graduate studies at Harvard in public policy.

"The program really gives you a lot more room to initiate things than I had thought. There was no close supervision. At first this bothered me. At first I didn't know my way around and I wished for more guidance." The seminars for all fellows each Tuesday and brown-bag lunches, all helped, said Williams, to give the students a broad understanding of state government. As many students have before, Williams commented on the conscientious way state employees tackled projects.

Mary Beth Wittekind, who worked in the office of the Secretary of Finance, also welcomed the opportunity to work in the public sector. Mary Beth is planning to work for a consulting firm in Washington, D.C.

Renee Snyder, who is planning a career in

higher education administration, worked with Mrs. Baliles, who has been very active in the adult literacy program and is also turning her attention to the problem of school dropouts. Renee also assisted with events that were included for the 175th anniversary of the Governor's mansion.

Amy Hartman of Springfield, who plans to be a social worker, in San Antonio, Texas, was in the office of the Secretary of Human Resources this summer. She said she was surprised by the variety of items incorporated in state government. She said she especially enjoyed the seminars at which state agency heads spoke and detailed the work of their division.

Tim McEvoy of Springfield, Va., senior class president, who will enter law school at the University of Virginia this fall, worked in the office of the governor's speech writer.

Dianne Carter of Williamsburg, who worked in the Governor's Planning Office, also plans to go to law school this fall, at the University of Michigan.

Eric Williams of Coronado, Calif., is planning to teach at a high school in Northern Virginia. This summer he worked in the office of the Secretary of Education. His special assignment was to gather information for a review of educational policies in other states.

Family Rights and Privacy Act
See page 3

Bargains in entertainment
See page 7

Football team
going to Japan in 1989
See page 2

Football team to play Japan All-Stars in Yokohama



Mark McCormack '51 and his International Management Group have arranged for the William and Mary football team to play its first game in Japan in 1989.

The first Japanese all-star team to play an American college team in an officially sanctioned contest will take on William and Mary in the first U.S.-Japan Bowl game in Yokohama Japan on Jan. 8.

President Verkuil has hailed the trip as "an initiative in athletics that complements our interest in East-West exchanges and has a special meaning to William and Mary's student athletes.

"We are pleased to add this prestigious event to the educational and athletic experience of William and Mary students and to add another dimension to the expanding ties between Japan and the United States," he added.

Verkuil linked the event to the College's rapidly developing programs in International Studies and

President Verkuil, Shigeki Uji of Japan and Coach Jimmie Laycock announce the U.S.-Japan Bowl at a news conference in William and Mary Hall.

East Asian studies in particular. Other developments include the new Emery and Wendy Reves Center for International Studies, scheduled to open this fall, introduction of language instruction in Chinese and Japanese and this summer's two-week Commonwealth seminar on East Asia.

Although participation in the game in Japan will preclude the football team's option of playing in 1-AA post-season competition, coach Jimmie Laycock says the team captains and seniors endorsed the idea of the overseas game.

"The trip will be an experience for our players to grow athletically and culturally," he said.

The game will be played at Yokohama Stadium (capacity 30,000) 30 miles west of Tokyo, and will be televised on the National Television Network in Japan.

Five Japanese coaches will visit Williamsburg to scout practices in late August. They will attend the William and Mary-University of Virginia game on Sept. 3.

The William and Mary team will leave Jan. 3 for Japan and return Jan. 9.

The Society of the Alumni is organizing a tour to Japan during the week of the game. Details are available from the society office at the Alumni House.

Furor over vice president nets few votes in November

Part of the hoopla of the political conventions this summer was focused on the selection of a vice presidential candidate. Both parties tried to add excitement and dramatic emphasis to the selection of their standard bearer's running mate. But will those choices make a difference in November?

Not according to research by Ron Rapoport, associate professor of government and a member of the Public Policy Faculty. The success of the ticket is not affected to any great degree by the vice presidential choice.

"In over 90 percent of presidential elections since 1884, tickets have been regionally balanced, and in almost two-thirds of the cases, presidential nominees have indeed carried the running mate's home state," says Rapoport. Democrats then can be optimistic about carrying Texas, Lloyd Bent-

sen's home state and the Republicans equally optimistic about Daniel Quayle's home state of Indiana.

However, in an article to be published in *The American Journal of Political Science*, Rapoport and Robert Dudley of George Mason University, working with election results from the past century, find that this history of success cannot be attributed to the vice presidential selection, but rather to traditional party support in the state.

"In only three elections since 1884 has the vice presidential nominee been responsible for carrying a state that would not have otherwise supported the ticket," Rapoport explains. Those three were Walter Mondale in 1980, Edmund Muskie in 1968, and Adlai Stevenson in 1892. In fact, according to Rapoport's and Dudley's calculations, the vice president provides an average advantage

in his home state of only 0.3 percent over the percentage predicted from a statistical analysis of long-term voting trends in the state.

Unfortunately, the vice presidential nominee is most helpful to the ticket when the state is very small and least helpful when the state is electorally significant, says Rapoport. "So Republicans can take heart that the loss of George Deukmejian, the governor of California, considered by some in the party as a prime vice presidential candidate, may not matter at all. Furthermore, any 'ticket balancing' that is accomplished with Bush's choice of Quayle will be likely to have little electoral impact in November."

The excitement of the Democratic Party over the selection of Lloyd Bentsen as Michael Dukakis' running mate may not be misplaced, however. "While his Texas residence alone may not

add much to the ticket, Bentsen does bring with him an unusually strong political machine in his home state — and a substantial campaign chest," Rapoport points out.

Since presidential campaigns are federally funded, Bentsen's fund-raising abilities would not normally be so important. But, because of a unique Texas law, Bentsen will be running for both vice president and senator. "In his role as senatorial nominee, Bentsen's campaign expenditures are unlimited and should produce substantial spillover effects for the Dukakis-Bentsen ticket," says Rapoport.

"Since Texas is the only state with such a law," he adds, "the choice of a Texan on the ticket, particularly one running for reelection, may turn out to be a providential choice in this election year.

Muscarelle offers children's classes

The Muscarelle Museum of Art at the College of William and Mary will offer classes for pre-schoolers and students through the eighth grade beginning Oct. 1 and "Team Art" classes beginning Sept. 4 for students aged 7-13.

Registration deadline for the "Team Art" class is Sept. 9. The fee is \$20. This program is being co-sponsored by the James City County Park and Recreation department. Registration forms are available at both the museum and the recreation department.

Registration for children's classes will be held initially from 10 a.m. to noon, Saturday, Sept. 24 and will continue through the week until classes are filled. Enrollment is limited. The fee is \$15 per student. Participants must register in person. Classes will be held Oct. 1, 8, 15, 22, 29, Nov. 5, 12, and 19. This program is being supported, in part, by a grant from the Williamsburg Art Commission.

The following classes will be offered: "Art for Parent and Child," ages 3-5, 9-10:30 a.m. or 11 a.m. to 12:30 p.m. Parents are invited to bring their pre-schoolers to look and learn about the museum's collections and enhance their visual perception, and communication and motor skills through art projects.

"Art Is Elementary," grades 1-2, 9-10:30 a.m., 11 a.m.-12:30 p.m. or 1:30-3 p.m. Teachers and children explore the museum together then create their own art forms utilizing a wide variety of materials. An emphasis is placed on the understanding of line, shape, color, texture and space.

"Pop Art," grades 3-4, 9-10:30 a.m. or 1:30-3 p.m. An experience in the art and culture of the 20th century. Students will work with clay, paint, drawing materials, watercolor and sculpture as they learn about "Pop Art" of the 1950s through today.

"Space and Beyond," grades 5-6, 1:30-3 p.m. An exciting introduction to design using a variety of media such as pen and ink, charcoal, oil and chalk pastels, and more. Projects will include drawing and designing spaceships and extraterrestrial beings.



"Art Garb," grades 7-8, 11 a.m.-12:30 p.m. Students will create original art on T-shirts as costume or street-wear using a variety of methods

including painting, and tie-dyeing.

"Team Art" sessions will be held from 3:45-4:45 p.m. Sept. 14, 21, 28, Oct. 5, 12 and 19.

The focus of the classes will be on art depicting "team" sports. Students will illustrate their favorite sports and activities using a wide range of materials.



Louise Bourgeois, American, b 1911, "The Fingers" (1968; cast 1964), bronze. From the exhibition "Elders of the Tribe."

New exhibits at Muscarelle focus on 20th-century masters

Two new exhibitions at the Muscarelle Museum of Art at the College of William and Mary will spotlight the modern masters of 20th-century art.

"Elders of the Tribe," which opens Aug. 27 and runs through Oct. 16, includes the work of outstanding artists who were born prior to 1916. A gallery talk will be presented at 2 p.m. Sunday, Sept. 25.

A profile of one artist's work is profiled in "Jasper Johns Prints," which will be on display Sept. 3 through Oct. 23.

"Elders of the Tribe" serves as a tribute to such artists as John Cage, Willem deKooning, Morris Graves, Chaim Gross, Muricio Lasansky, Seymour Lipton, Conrad Marca-Relli, Agnes Martin, Robert Motherwell, George Rickey and George Sugarman.

Organized by Bernice Steinbaum Gallery, Ltd., New York "Elders of the Tribe" consists of 44 works including paintings, watercolors, prints, sculpture and mixed media. Two sculptures by Carl Roseberg of Williamsburg, a nationally known sculptor and professor emeritus of fine art and Heritage Fellow at the College, will be on display, as complementary works. A catalog with

essays and illustrations of each object is available.

"Jasper Johns Prints" includes 29 lithographs and serigraphs produced by the artist between 1963-77. Johns is recognized for challenging preconceptions about aesthetics and perceptions. His work is considered one of the most important sources for pop imagery.

In conjunction with these exhibitions, the museum will initiate a new "Films on Art" series during the fall. "Jasper Johns: Decoy" and "Gene Davis" will be shown at 1 p.m., Sunday, Sept. 11 and at 4 p.m., Wednesday, Sept. 14.

An exhibitions opening for students will be held from 5:30-7:30 p.m., Wednesday, Sept. 7 and a "Members' Night" reception for the two exhibitions will be held from 5:30-7:30 p.m., Friday, Sept. 16. These events are free and open to the public.

The gallery hours are 10 a.m. to 4:45 p.m., Monday through Friday; noon to 4 p.m., Saturday and Sunday.

For further information or a schedule of upcoming museum events, please call the museum office, ext. 4650, 8 a.m. to 5 p.m. Monday through Friday.

Swem Library fall semester schedule

Fall semester

Thursday, Sept. 1 through Thursday, Oct. 13
Monday through Friday, 8 a.m.-midnight
Saturday, 9 a.m.-6 p.m.
Sunday, 1 p.m.-midnight

Fall Break

Friday, Oct. 24, 8 a.m.-5 p.m.
Saturday, Oct. 15, 9 a.m.-6 p.m.
Sunday, Oct. 16, 1 p.m.-5 p.m.
Monday, Oct. 17, 8 a.m.-5 p.m.
Tuesday, Oct. 18, 8 a.m.-midnight

Wednesday, Oct. 19-Tuesday, Nov. 22
Monday through Friday, 8 a.m.-midnight
Saturday, 9 a.m.-6 p.m.
Sunday, 1 p.m.-midnight

Thanksgiving Holidays

Wednesday, Nov. 23, 8 a.m.-5 p.m.
Thursday, Friday, Nov. 24, 25, CLOSED
Saturday, Nov. 26, 11 a.m.-5 p.m.
Sunday, Nov. 27, 1 p.m.-midnight

Monday Nov. 28 through Friday, Dec. 9

Monday through Friday, 8 a.m.-midnight

Saturday, 9 a.m.-6 p.m.
Sunday, 1 p.m.-midnight

Reading Period and Exams

Saturday, Dec. 10 through Tuesday Dec. 20
Monday through Friday, 8 a.m.-midnight
Saturday, Dec. 10, 9 a.m.-midnight
Saturday, Dec. 17, 9 a.m.-midnight
Sunday, Dec. 11 and Sunday, Dec. 18., 1 p.m.-midnight

Interim Schedule

Wednesday, Dec. 21 through Tuesday, Jan 10
(Except for the Christmas schedule which will be announced in November)
Monday through Friday, 8 a.m.-5 p.m.
Saturday and Sunday, CLOSED

Special Collections

Hours when classes are in session:
Monday through Friday, 10 a.m.-4:45 p.m.
Saturday, 9 a.m.-12:45 p.m.
Sunday, CLOSED

Please call ext. 4550 for Saturday hours during interim and holiday periods.

OK for library to use your SS number?

For the automated circulation system, the libraries of the College need to identify each borrower with a numerical code, preferably the borrower's social security number.

With your permission, the College can provide a tape of social security numbers which can be loaded into the database where they will be protected from unauthorized use.

In compliance with Virginia Code, Section 2.1-385, we request permission to use your social security number within our database. If this is not acceptable to you, please notify the William and Mary libraries in writing by Sept. 30.

Address correspondence to Linda Adams, Circulation Coordinator, Swem Library.

If we do not hear from you by Sept. 30, we will assume that we have your permission.

—Linda Adams

Family Education Rights and Privacy Act

Under the terms of the Family Education Rights and Privacy Act of 1974, the College is to inform enrolled students annually of their rights under the law. The act does not apply to students admitted to the College who have not officially enrolled.

The College hereby affirms that its policies and procedures are in full compliance with the Family Educational Rights and Privacy Act of 1974, whereby each student's right to the privacy of his or her official College records and access to the same is assured.

Enrolled students should have the following rights under the law:

1. The right of access to his or her official College records. Under the terms of the Act, the College is not required to make available to students the following materials:
 - a. Confidential letters of recommendation placed in the student's files before Jan. 1, 1975, and those letters for which the student has signed a waiver of his or her right of access.
 - b. Parents' confidential financial statements.
 - c. Medical, psychiatric, or similar records "which are created, maintained, or used only in connection with the provision of treatment to the student are not available to anyone other than persons providing such treatment; provided, however, that such records can be personally reviewed by a physician or other appropriate professional of the student's choice."
 - d. Personal files and records of members of faculty or administrative personnel, which are in the sole possession of the maker thereof and which are not accessible or revealed to any person except a substitute.
 - e. Records of the Admissions Office concerning students admitted but not yet enrolled at the College. Letters of recommendation are removed from the admissions files before the files are forwarded to the Registrar's Office.
2. The right to inspect and review his or her official College records.
3. The right to a response from the College to reasonable requests for explanations and interpretations of his or her official records.
4. The right to an opportunity for a hearing to challenge the accuracy or appropriateness of his or her official records.
5. The right to have disclosure of his or her official records limited to College officials or other persons authorized under the Act, for legitimate purposes, unless permission for release of such information to other parties is given in writing.

The College has designated the following information as "Directory Information," which may be released to the public:

1. Student's name, address (permanent and local), telephone number (permanent and local).
2. Student's birthdate
3. Dates of attendance at the College, field of concentration, current classification, current enrollment status (full or part time), degrees awarded.
4. Previous schools attended and degrees awarded
5. Honors or special recognition
6. Height and weight of members of athletic teams.

A student who does not want the above information made public must file notice in writing of his request in the Registrar's Office, James Blair, by Sept. 14, 1988.

A student wishing to review his or her College records must consult the directory of official student records in the Registrar's Office. The directory lists the offices where official student records are maintained and the name of the official responsible for the maintenance and release of each type of record and to whom requests for access should be made.

Melvyn D. Schiavelli
Provost

National Park Service offers free day to all visitors tomorrow

National Park Service Director William Penn Mott Jr. has designated Aug. 25 as "National Parks Day." Visitors will be admitted free to all of the National Park Service's 141 fee-charging units.

Colonial National Historical Park is the Virginia Peninsula's local National Park. The park, which is close to 10,000 acres, contains the historic sites at James and Yorktown, connected by the scenic Colonial Parkway. Initially a national monument, Colonial became a park with an Act of Congress on July 3, 1930. Over five million people visit the park each year.

In addition to suspending the entrance fee at the Jamestown entrance gate tomorrow, the park plans to host a number of special events including the following programs:

"What a Great Ideal" 10:45 a.m. and 1:45 p.m., a program about the Longford expedition west in 1870 which sparked the decision to preserve cultural and natural landmarks.

"It's Never Been Done Before," 12:45 and 3:45 p.m. This living history presentation will portray Horace Albright, second director of the National Park Service and the motivating force behind the creation of the Colonial National Monument in 1930.

"Sunset Serenade," 7:30 and 8:30 p.m. An hour concert of rousing patriotic music by the Peninsula Community Band.

Cake Cutting, 8:30 p.m. A special cake will be shared by all present. Refreshments have been

donated by Tom Vande-Mortel, area representative for the Mid-Atlantic Coca-Cola Bottling Company.

For details on any of the programs listed, please call the Colonial National Park office at 898-3400.

VIMS hosts Sister Seas

The Center for the Study of Estuarine Management at VIMS the Center for International Studies joined with Legacy International and Youths for Environment and Service (YES) to host the first week (July 23-29) of a two-week international forum on sustainable development for young environmental leaders from selected coastal regions around the world.

The Chesapeake Forum was part of a pilot program, titled the Sister Seas Program. Sister Seas is designed to establish an alliance among young environmental leaders from developed and developing regions to promote environmentally sound, sustainable development.

Forum participants, ranging in age from 29 to 35, shared scientific information and successful sustainable development models. They also received training in cross-cultural communications, organizational and leadership development, environmental education and environmental negotiation.

Recent grants support wide variety of research projects

Anthropology

Professor Norman F. Barka, Lecturer Marley R. Brown and Robert R. Hunter will direct archaeological testing, monitoring and data recovery at the proposed Berkeley Bridge and Norfolk Interchange, under a grant of \$219,138 from the Virginia Department of Transportation.

The VDOT is in the process of initiating the first stage of construction of the proposed Berkeley Bridge and Norfolk Interchange in the City of Norfolk. To avoid the loss of potentially significant archaeological resources, VDOT has proposed to monitor the initial earth-disturbing activities within the project area and to evaluate and recover, if necessary, any significant archaeological resources that are discovered.

Robert P. Hunter Jr. will direct the Hipkins Well Investigation under a grant of \$8,560 from the James Madison University Archaeological Research Center.

Consulting services will be provided to James Madison University's Archaeological Research Center for technical assistance in the investigation of a suspected 18th-century well shaft.

The well was discovered within the confined of the Hipkins site in Richmond County, Va.

Based on archaeological and historical evidence, the site is known to contain the remains of 18th- and 19th-century domestic and commercial activities.

Biology

The Virginia Department of Game and Inland Fisheries has awarded a grant of \$73,000 for work by professor Mitchell A. Byrd on nongame and endangered species investigations.

Professor Byrd will continue his work with the osprey population taking a population and productivity survey and will also undertake Colonial bird studies, and investigations of the peregrin falcon, bald eagle, and shoebird. He will also make an evaluation of barn owl habitat use and erection of next boxes.

Donna Ware, adjunct assistant professor will conduct research on the endangered plant "Small Whorled Pogonia," *Isotria medeoloides* to determine basic demographic patterns and other aspects of the population ecology of the plant and will also use these findings for comparative purpose with *I. verticillata*.

Chemistry

The Air Force Aeronautics Laboratory, NASA, has awarded \$63,500 for work by Professor David E. Kranbuehl on frequency dependent electromagnetic sensing for in situ monitoring of high performance thermoset and thermoplastic processing properties during cure.

It is the object of this project to develop frequency dependent, electromagnetic techniques for measuring in situ during fabrication in a tool, the processing properties of resins that may be used for rocket, space and aircraft structures and engines. The major long-range goal of this research is to develop on-line instrumentation for quantitative nondestructive material evaluation and closed-loop "smart" cure cycle control. The key to achieving this goal is to relate the chemistry of the cure cycle process to the permittivity properties of the polymer system by correlating the time, temperature and frequency dependent impedance measurements with chemical characterization measurements.

The Camille and Henry Dreyfus Foundation has awarded \$45,000 for a teaching and research fellow at the College. The major purpose of this grant program is to yield a larger number of highly qualified chemistry faculty members. The key figures in this project are the teaching fellow, a new Ph.D. in chemistry who has a strong interest in teaching chemistry and in research, and the mentor, a faculty member in the chemistry department who demonstrated leadership ability and accomplishments in teaching and research. The mentor is Professor Gary DeFotis who will be a major participant in this project and responsible for guiding the teaching fellow.

In addition, supplementary funds are included to provide a research internship, which will enable a Lafayette High School chemistry teacher to work with the Mentor and the teaching fellow during the summer. This grant is for the period 9/1/88 to 8/31/89.

A grant of \$64,962 has been awarded by the Newport News Shipbuilding and Dry Dock Company for work by Professor David E. Kranbuehl on instrumental techniques for measuring polymerization. This work is being done to develop and demonstrate the ability of a single, simple and convenient frequency-dependent impedance measurement technique for in situ monitoring of the processing properties of marine resins in both the laboratory and the manufacturing environments.

Computer Science

A grant of \$89,882 from the National Aeronautics and Space Administration brings to \$168,107 funds awarded for "Reliable Real-Time Processing of Sensor Data in Embedded Avionics Computing Systems," a project being conducted by John P. Kearns, associate professor, Professor Stephen K. Park and David M. Nicol, assistant professor.

This project addresses algorithms and software issues related to the problem of the design and implementation of highly concurrent, highly reli-

able, avionics control systems which transform sensor inputs into actuator/display outputs. These systems are typically subject to hard resource constraints, particularly hard real-time bounds on response to important external stimuli. Further, the reliability requirement imposes substantial overhead upon this system. As such, systems of this type typically lie at, or beyond, the current state of the science.

The results from the first year of this program will be extended in four specific lines of attack: (1) real-time approximate agreement in avionics control software, (2) mapping tasks to processors to enhance reliability, (3) programming asynchronous real-time distributed systems and (4) real-time protocols for distributed systems.

An agreement with Eastern State Hospital established the basis for cooperative research opportunities involving the Computer Science Department at the College and the Department of Research and Management Information Systems at Eastern State Hospital. A grant of \$16,000 has been awarded for work under this agreement which will be directed by Professor Richard H. Prosl.

Faculty and graduate student expertise will assist in testing new technological solutions to problems found in a mental health environment.

Graduate students assigned to the hospital will participate in the testing of promising hardware and software products. This agreement also facilitates the continuing education and training of staff with the Department of Research and MIS. To date \$40,000 has been awarded in grants for this project.

Mathematics

Professors Charles R. Johnson and Leiba Rodman plan to continue productive-principal investigators for a project "Mathematical Sciences: Collaboration in Matrix Analysis," which has been funded by a \$24,600 grant from the National Science Foundation.

Their work involves matrix theory, combinatorics, operator theory and applied mathematics. Problems within their common interests are outlined in the following areas: (1) matrix completion problems; (2) spectral distribution in qualitative matrix theory; (3) infinite dimensional spectral assignment problems; (4) linear transformations that preserve controllability; (5) a generalization of the characteristic polynomial; (6) analytic families of subspaces. In addition to particular motivating questions, the understanding of unifying structure is a goal in each area.

Physics

Professor John B. Delos will continue to work on properties of atoms in high external fields under a grant of \$71,045 from the National Sci-

ence Foundation which extends support for his work to 12/31/90 and brings to \$104,025 the amount of grant money awarded for this project.

Quantum systems that display regular and irregular classical trajectories are being studied using various semiclassical methods, some traditional and some very recently developed.

Research scientist Keun Jenn Sun will be working on applications for high temperature superconductors under a NASA grant for \$59,000 which supports his work through July 1989.

Significant efforts are being made to develop applications for high temperature superconductors. To facilitate these developments, better characterization techniques are required at a both materials level and a systems level.

Ultrasonics has shown promise as a technique for characterizing the microstructure of the materials, as well as their superconducting phenomenon. Sun is seeking a better understanding of the interaction of the ultrasonic wave with the superconductor.

School of Business Administration

Kathryn L. Holliday, assistant professor, is undertaking applied research in housing finance, financial institutions, and financial instruments under a grant of \$72,644 from the Federal Home Loan Bank Board. The results will be used for policy development, monitoring of industry problems, and the formulation of legislative and regulatory proposals.

School of Education

Professors James M. Patton and Lou Messier will continue a project which provides graduate training and research in special education to teachers in seven peninsula school systems, including Williamsburg-James City County and York County. The recent award of \$40,000 by the State Department of Education brings the total grand award for this project to date to \$85,423.

School of Marine Science

Marine Scientist Patrice L. Mason will be director of a grant award of \$20,000 by NASA for work on transmission and scanning electron microscope studies.

Transmission (TEM) Scanning (SEM) electron microscope studies are being performed on polymeric materials. The TEM studies involve the embedding of polymeric film or fiber specimens, ultra-microtomy (sectioning and staining of specimens), transmission electron microscopy, and darkroom development of film and prints. The preparation of specimens, scanning electron microscopy, and dark room development and printing are required for SEM studies.

Swem Library adds to collection of rare Virginiana

Swem Library has purchased 19 works, primarily rare Virginiana, to add to its manuscript and rare book collections. The items are from the library of the late Dr. Gordon Jones of Fredericksburg. His library has been called the "finest private library in Virginia."

The items selected comprise a wide variety of books and manuscripts relating to 17th-, 18th- and 19th-century Virginia. The earliest volume, Samuel Hartlib's *The Reformed Silk-Worm* (1655), joins other works on 17th-century sericulture in the rare book collection.

Several 18th-century volumes relate to the laws of the colony of Virginia and fill in gaps in the rare book collection. They are: *An Abridgement of the Laws in Force in Her Majesty's Plantations ... of Virginia ...* (1704), *Acts of Assembly Passed in the*

Colony of Virginia, from 1662 to 1715 (1727) and *Acts of Assembly, Now in Force, in the Colony of Virginia* (1752). The last work was printed in Williamsburg by William Hunter, public printer and successor to William Parks.

Of unusual interest is Alexandre-Marie Quesnay de Beaurepaire, *Memoire Status Et Prospectus, Concernant L'Academie Des Sciences Et Beaux-Arts Des Etats-Unis De L'Amerique, Etablie A Richemond ...* (1788), in original wrappers, uncut. This work describes Quesnay's plans to found an academy in Richmond similar to the French Academie in Paris. This plan, little known today, failed to materialize because of the French Revolution.

Complementing other works by Jonathan Carver in Swem's collection is the rare volume, A

Treatise on the Culture of the Tobacco Plant (1779), with its two color plates of the tobacco leaf.

Nineteenth-century pamphlets purchased include the very scarce moralistic tale by William Wadsworth of a murderer who hid in a Virginia cave for five years preying on travelers (1818) and a contemporary account of the tragedy of Nat Turner's rebellion (a slave uprising, in which 55 inhabitants were killed), written and published by Samuel Warner in New York in 1831.

Of literary interest is James Ewell Heath's *Whigs and Democrats: or, Love of No Politics* (1839). It has been called "a clever satire on the methods by which an election was carried on in a rural district in Virginia."

The two manuscripts acquired are both by John Tyler, class of 1806 and 10th President of the United States. One was written in 1842 soon after he became President to George Badger, Secretary of the Navy, remarking he could not leave town because the Senate was still in session; the other, to his son Robert, dated 16 April 1860, comments on Virginia's gubernatorial election of 1860. Both letters have been added to the Tyler Family Papers.

All the items have been cataloged and are available for study by scholars. Private funds used for their purchase include bequests and gifts from John M. Presson, class of 1916; H. Lester Hooker, class of 1908; Jay Johns; and Ann Snyder Harrod, daughter of William Seth Snyder Jr., class of 1921.

Observance of Labor Day Holiday

The College and Virginia Institute of Marine Science will be closed Sept. 5, to observe Labor Day.

The administrative offices, plant department and campus mail room will be closed with the exception of essential employees who are required to work. The Campus Police Department will maintain its regular schedule.

Classes are scheduled for Sept. 5. Academic support staff who are required to work will be credited with compensatory time on an hour-for-hour basis. Consistent with an exception in the Fair Labor Standards Act, non-exempt employees are also eligible for compensatory leave if they are required to work on this holiday.

The names of classified and William and Mary support employees who are required to work must be reported in writing to the Office of Personnel Services by Sept. 12 in order that these employees may be credited with compensatory leave on an hour-for-hour basis.

With approval of management, compensatory leave should be taken as soon as possible after the holiday on which it was earned. Compensatory time not taken within 12 months will lapse. Hourly employees who are required to work on the holiday will be paid their regular hourly rates.

On behalf of the administration of the university, I wish each member of the College community a safe and enjoyable holiday.

Melvyn D. Schiavelli
Provost

Landrum Drive is now a one-way street

Landrum Drive, which runs past Landrum and Barrett residence halls is now a one-way street from Campus Drive to Jamestown Road.

This change was made to reduce vehicle-pedestrian conflicts and to increase student safety. A large number of students cross the road each day on their way to and from classes on the new campus.

The new markings are one-lane except in front of Barrett Hall, where cars may use two lanes to make a left- or right-hand turn onto Jamestown Road.

Newsmakers Newsmakers Newsmakers

School of Education

Thelin addresses U.S.-Japan conference on education

Delegates tackle problems of poor preparation for college courses

John R. Thelin, Chancellor Professor of Education, was a featured speaker at the United States-Japan Teachers' Conference at the Omni Hotel in Norfolk, Aug. 20.

Other conference speakers included John Davis, Superintendent of Public Instruction for the Commonwealth of Virginia; Keitaro Sato, Consul of the Japanese Embassy; Gene Carter, Superintendent of the Norfolk Public Schools; James Melvin, Superintendent of the Virginia Beach Public Schools; Dean Donald Myers of Old Dominion University; and Yasufumi Sakitani, Superintendent of the Kitakyushu Education Board.

Thelin's talk on current issues in American higher education focused on connections between universities and public school systems.

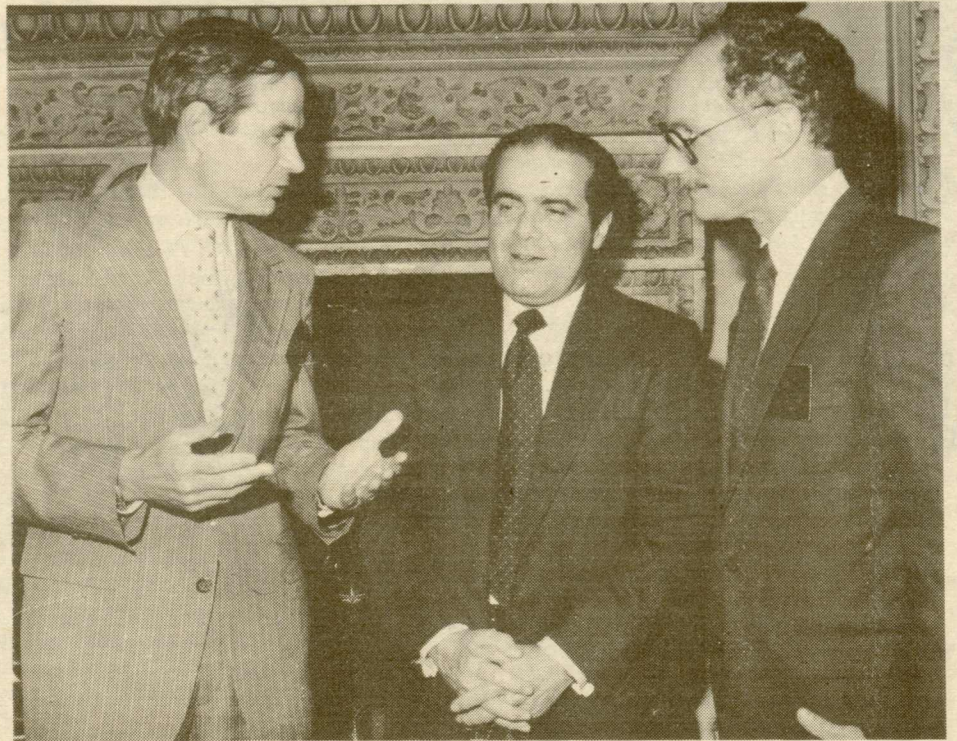
He used case study data from the Office of Institutional Research at the University of California, Berkeley to show how educational quality

ultimately was related to educational costs; i.e., poorly prepared freshmen students had unexpectedly transformed the university's educational budget, substantially driving up instructional costs due to a widespread but unnoticed syndrome of enrolling in demanding courses without adequate preparation, followed by drop-outs or course failures then re-enrollments.

One net change was that even for full-time undergraduates, the length of time to complete a bachelor's degree had jumped from four years to five or six years. A residual message was that ultimately even selective universities were not exempt from inheriting problems of poor academic quality in the public elementary and secondary schools.

The conference, sponsored by the Norfolk Sister City Association, the Norfolk Public Schools, and Old Dominion University, brought 40 Japanese educators and officials to the United States for two weeks of workshops, site visits, and exchanges with representatives from Virginia's public schools, colleges, and state agencies.

Professor Thelin had visited Japanese colleges and schools, including Norfolk's sister city of Kitakyushu, during the summer of 1985.



Washington Reception

President Paul R. Verkuil chats with Supreme Court Justice Antonin Scalia and Thomas Susman, a Washington lawyer, at the reception held by the Administrative Conference of the United States in Washington, D.C., to honor Walter Gellhorn, Waller Professor Emeritus of the Columbia University School of Law and mark the 20th anniversary of the ACUS. Professor Gellhorn was one of the founding members.

Economics

Berhanu Abegaz, assistant professor, read an invited paper, titled "The Economic Contradictions of Tributary Socialism," at the third annual conference on the Horn of Africa held at City College/SUNY. He was also a Summer Research Affiliate at the African Studies Center, University of Florida and gave a lecture on "The South African Model of Late-Industrialization" as part of a seminar series on Africa.

Modern Languages

A Jerome travel stipend from the Hill Monastic Manuscript Library at St. John's University, Collegeville, Mn., has been awarded to George Greenia, assistant professor. The grant supported summer research at the Hill Library on the illuminated manuscripts held in the library of the Cathedral of Toledo, Spain.

Swem Library

Nancy H. Marshall, university librarian, has been appointed by Secretary of Education Donald J. Finley to the Virginia Library Networking Task Force.

The nine-member task force is charged with planning the growth of the Virginia library network by considering the current state of library networking in the Commonwealth, reviewing all relevant networking documents, and submitting recommendations for actions that maximize near-term accomplishments and minimize cost.

The task force will submit its preliminary findings to Dr. Finley by Nov. 1.

VIMS

Professor Robert J. Huggett presented an invited paper, "Kepona in the James River," at the National Research Council workshop on contaminated sediment held in Tampa, Fla.

Huggett attended the Southeast Regional Branch of the Society of Toxicology annual meeting and presented a paper, "Toxic Chemicals in Estuaries: Sources, Distribution and Effect," in Knoxville, Tenn.

Huggett and Professor Maurice P. Lynch participated in a workshop in Tiburon, Calif., to evaluate research and monitoring efforts by the State of California and the federal government to determine the effects of diverting freshwater runoff to San Francisco Bay for drinking and irrigation. Both Huggett and Lynch co-chaired work groups.

Eugene M. Burreson, associate professor, was invited to present the keynote address at the International Conference of Leech Scientists in Ottawa, Canada. His paper was titled "The Role of Leeches in Diseases of Marine Organisms."

Burreson, Mary C. Gibbons, assistant professor, and Fu-Lin Chu, assistant professor, attended

the annual National Shellfisheries Association meeting in New Orleans. All presented papers as follows: "Immunoassay Comparison of Haplosporidan Spores," Burreson; "An SEM Study of Haplosporidan Spores from *Teredo navalis*," Burreson, post session; "Seasonal Changes in Anatomical Distribution of Lipids and Fatty Acids in the Oyster, *Crassostrea virginica*," Fu-Lin Chu; and "Penetration of Clutch Mass by Eyed Larvae of *Crassostrea virginica*," Gibbons. Gibbons also visited other research laboratories including Lyle St. Amant Marine Research Laboratory, Grand Isle, La.; Texas A&M University, Galveston, Tx, and Gulf Coast Research Laboratory, Ocean Springs, Miss.

Professor Albert Y. Kuo, and Professor Bruce J. Neilson co-authored a paper, "Hypoxia and Salinity in Virginia Estuaries," which was recently published in *Estuaries*, Vol. 10, No. 4, pp. 277-283.

Professor Gene M. Silberhorn was elected president of the Society of Wetland Scientists at the annual meeting and conference in Washington, D.C. Silberhorn also chaired a session of papers on Wetland Community Ecology Ecosystems Processes and the plenary session and annual meeting of members.

Several VIMS scientists attended the National Blue Crab conference held at Virginia Beach and sponsored by Virginia Sea Grant and co-sponsored by VIMS and ODU. The following papers were presented: "Development of the Reproductively Functional Form in the Male Blue Crab *Callinectes sapidus*," Willard A. Von Engle; "Latitudinal Gradients in the Utilization of Shallow Water Habitats by Blue Crabs," Robert J. Orth and Jacques van Montfrans; "Blue Crab Predation on Clams: Effects of Species, Sediment, Density and Siphon Nipping," Anson H. Hines and Romuald N. Lipcius; and "Spatial and Temporal Partitioning of Molting Activity by Blue Crabs in Seagrass and Marsh Creek Habitats," Clifford H. Ryer, Jacques van Montfrans and Robert J. Orth.

Also "Behavioral Mechanisms of a Variable Functional Response by the Blue Crab, *Callinectes sapidus*, Feeding on Juvenile Oysters, *Crassostrea virginica*," David B. Eggleston; "Long-term Patterns of Juvenile Blue Crab Abundance in Virginia Tributaries of Chesapeake Bay," Romuald N. Lipcius and Willard A. Van Engel; "Movement of Blue Crab Megalopae into Chesapeake Bay: Observational Evidence for a Wind-Driven Mechanism," David Goodrich, Jacques van Montfrans and Robert J. Orth; "Variations in Post Larval Blue Crab Settlement on Artificial Substrates in the York River, Virginia," Jacques van Montfrans and Robert J. Orth; "Patterns of Post Larval Availability and Settlement in the Blue Crab: Effects of Time, Space and Habitat," Eugene J. Olmi III, Jacques van Montfrans, Romuald N. Lipcius and Robert J. Orth; "Regulatory Mechanisms of Post Larval Blue Crab Recruit-

ment: Settlement, Metamorphosis and Developmental State," Romuald N. Lipcius, Eugene J. Olmi III and Jacques van Montfrans; and "The Spatial and Temporal Distribution of the Larvae of Sympatric Pagurid Hermit Crabs in Virginian Estuarine and Coastal Waters," Phillip W. Sadler.

Posters: "Molting in the Mature Female Blue Crab *Callinectes sapidus* Rathbun." Kirk J. Havens and John R. McConaughy.

"Applications of Molecular Genetics Techniques for Understanding Blue Crab Life History Dynamics." Brian W. Meehan and D. Scoles.

"Settlement Patterns of Several Different Species of Decapod Magalopae in the York River, Virginia." Christopher A. Peery, Jacques van Montfrans and Robert J. Orth.

"The Spatial and Temporal Distribution of *Callinectes sapidus* Magalopae Settlement in the York River." Phillip W. Sadler, Jacques van Montfrans and Robert J. Orth.

"Predation on Blue Crab Megalopae: Effects of Predator Species, Habitat and Prey Density." Eugene J. Olmi III.

Professor emeritus Willard A. Van Engel, Romuald N. Lipcius, assistant professor; Jacques van Montfrans, instructor, and Randa Mansour, participated in a blue crab workshop at the Potomac River Fisheries Commission Office in Colonial Beach, Virginia. The workshop was a joint conference between the Fisheries Division of the Maryland Department of Natural Resources and the Virginia Marine Resources Commission to consider and refine a list of management issues and problems in the blue crab fishery of Chesapeake Bay.

The following VIMS contributions were received by the library recently.

Adamkewicz, L., and Michael Castagna. 1988. Genetics of shell color and pattern in the bay scallop *Argopecten irradians*. *Journal of Heredity* 79:14-17.

Bender, Michael E., William J. Hargis Jr., Robert J. Huggett and Morris H. Roberts Jr. 1988. Effects of polynuclear aromatic hydrocarbons on fishes and shellfish: An overview of research in Virginia. *Marine Environmental Research* 24: 237-241.

Cerco, Carl F. 1988. Sediment nutrient fluxes in a tidal freshwater embayment. *Water Resources Bulletin* 24:255-260.

Gartner, Jack V. and David E. Zwerner. 1988. An Ichthyophonous-type fungus in the deep-sea pelagic fish *Scopelogadus beanii* (Gunther) (Pisces: Melaphaidae): Pathology, geographic distribution and ecological implications. *Journal of Fish Biology* 32: 459-470.

Greaves, John and Michael A. Unger. 1988. A selected ion monitoring assay for tributyltin and its degradation products. *Biomedical and Envi-*

ronmental Mass Spectrometry 15:565-569.

Hargis, William J., Jr. and David E. Zwerner. 1988. Effects of certain contaminants on eyes of several estuarine fishes. *Marine Environmental Research* 24: 265-270.

Hopkinson, C. S., Richard L. Wetzel and J. W. Day, Jr. 1988. Simulation models of coastal wetland and estuarine systems: Realization of goals. Pp. 67-97 in Mitsch, William J., Milan Straskraba and Sven E. Jorgensen, eds., *Wetland Modelling*.

Huzzey, Linda M. 1988. The lateral density distribution in a partially mixed estuary. *Estuarine, Coastal and Shelf Science* 26:351-358.

Keinath, John A., John A. Musick and Richard A. Byles. 1987. Aspects of the biology of Virginia's sea turtles: 1979-1986. *Virginia Journal of Science* 38:329-336.

Kuo, Albert Y. and Bruce J. Neilson. 1987. Hypoxia and salinity in Virginia estuaries. *Estuaries* 10:277-283.

Pass, D. A., Frank O. Perkins and R. Dybdahl. 1988. Viruslike particles in the digestive gland of the pearl oyster (*Pinctada maxima*). *Journal of Invertebrate Pathology* 51:166-167.

Ryer, Clifford H. and Robert J. Orth. 1987. Feeding ecology of the northern pipefish, *Syngnathus fuscus*, in a seagrass community of the lower Chesapeake Bay. *Estuaries* 10:330-336.

Thoney, Dennis A. and Eugene M. Burreson. 1988. Lack of a specific humoral antibody response in *Leiostomus xanthurus* (Pisces: Sciaenidae) to parasitic copepods and monogeneans. *Journal of Parasitology* 74:191-193.

Thoney, Dennis A. and Eugene M. Burreson. 1988. Revision of the Multicalycidae (Aspidocotylea) with comments on postlarval development. *Proceedings of the Helminthological Society of Washington* 55:62-67.

Warinner, J., Ernest, Elaine S. Mathews and Beverly Anne Weeks. 1988. Preliminary investigations of the chemiluminescent response in normal and pollutant-exposed fish. *Marine Environmental Research* 24:281-284.

Weston, Donald P. 1988. Macrobenthos-sediment relationships on the continental shelf off Cape Hatteras, North Carolina. *Continental Shelf Research* 8:267-286.

Wright, L. Donelson, W. J. Wiseman, B. D. Bornhold, D. B. Prior, J. N. Suhayda, G. H. Keller, Z. S. Yang and Y. B. Fan. 1988. Marine dispersal and deposition of Yellow River silts by Gravity-driven Underflows. *Nature* 332:629-632.



John Pleasants retires

John B. Pleasants, director of buildings and grounds at the Virginia Institute of Marine Science, with his wife, Shirley, at a luncheon given in his honor by his co-workers at VIMS. Pleasants is retiring after almost 18 years of service. Mr. and Mrs. Pleasants enjoy playing golf and traveling and plan to do both in retirement. They make their home in Yorktown.

Registration for enrichment program for gifted learners closes Sept. 21

The College's fall Saturday Enrichment Program for Gifted Learners, offered through the School of Education, will provide enrichment opportunities in core academic areas for children ages 4-12 who show interest and promise for additional learning experiences.

The program, which will run Oct. 1-Dec. 10, is not meant to supplant the regular school curriculum; rather it recognizes the importance of allowing able youngsters to explore additional specialized areas of science, mathematics and the humanities. Course activities are compatible with the expected achievement of talented students at specific grade and age levels.

Tuition is \$125. A \$50 non-refundable deposit is required with the application. There is a 20 percent tuition discount for a second child enrolled in the program or for children of William and Mary faculty and staff.

Application deadline is Wednesday, Sept. 21. Tuition deadline is Wednesday, Sept. 28. Eligibility screening conducted by program staff is available for children ages 4-5 and students for whom no documented scores are available.

Inquiries concerning the program should be addressed to Joyce VanTassel-Baska, Jody and Layton Smith Professor, School of Education.

HACE seeks recipes for cookbook

The deadline is Sept. 1 for submission of recipes for the cookbook being prepared by the Hourly and Classified Employees Association, HACE.

Margaret Harris, secretary to Dean Jamison in the School of Business Administration, is heading the planning committee and entries should be submitted to her.

The book will include recipes from the President's House and invitations have been extended to Mrs. Verkuil, and two former residents of the President's House, Mrs. Graves and Mrs. Paschall, to send recipes they have used, either for

special college events or informal family meals. The book will also include a history of the College.

The HACE committee hopes to have the cookbook out by Feb. 1. It is being published as a fundraiser for HACE which this year hopes to contribute generously to the student organized Green and Gold Christmas for needy children.

Any inquiries concerning the cookbook should be addressed to Mrs. Harris, ext. 4549.

SCATS reminder

The Department of Information Technology has reduced the SCATS rates again for evening and night calls. The evening rate will now be \$.13 per minute and the night rate, \$.09 per minute. The new rate became effective Aug. 1.

Users are reminded to dial "8" for all long distance calls within the 50 contiguous states. The higher levels of usage generated by staying on the State's network will reduce everyone's telecommunication costs. Dialing "9+1" directs the calls off the network and results in higher phone bills for users.

For questions regarding SCATS usage, please contact the Telecommunications Office at ext. 5516.

The William and Mary NEWS

The William and Mary News is issued weekly 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, 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 Thursday before publication.

Barbara Ball, editor

Mary Ann Williamson, desktop publishing

Publications Office, production

News deadline: Fridays, 5 p.m.

Classified Advertisements

Classified ads are included as a service to members of the College community. The fee for ads is \$3 for three consecutive issues. Ads should be no longer than 40 words and must be submitted, in writing and with payment, to the William and Mary News office no later than 5 p.m. on the Friday preceding the first insertion. Corrections must be made before the second insertion. Any change is considered a new ad.

FOR SALE

Whirlpool 5,000 BTU air conditioner, excellent condition. \$120. Call Johnny (apt. A) at ext. 4097. (9/7)

Levelor Custom Twin Mini Blind, 72" x 83". Pearl white. Never used. Perfect for sliding doors. \$75 (retail \$200). Call Peter at 220-7275, days, or 565-0397, evenings. (9/7)

Sharp PC-7000 (XT) "lunchbox" portable computer with case, advanced backlit screen, detachable keyboard, 704K RAM, two 5-1/4 inch drives. Like new; excellent home/secondary business computer. Set-up/software instruction. New \$1,990; asking \$1,095. Letter-quality daisy-wheel printer, \$195. 1,200-baud modem, \$95. Package, \$1,295. Call 253-1070 or ext. 4027. (8/31)

King-size waterbed — Solid oak, semi-waveless deluxe mattress, simple headboard (no mirrors!). New \$595; asking \$345. Living room set — Matching highback couch and chair. Removable upholstered cushions. Solid pine, very sturdy. Couch, \$150; chair, \$75; set, \$175. Call 253-1070 or ext. 4027. (8/31)

1981 Plymouth Reliant K, 4-door, mint condition, "four on the floor," AM/FM radio/cassette, good tires, great gas mileage, valid inspection. \$1,500 or best offer. Call ext. 4607 or 565-0655. (8/31)

Bedroom suite including queen-size bed with mattress and box springs, two night tables, high dresser, low dresser with mirror/shelves. Pine with walnut stain. Very good condition. \$450 for all. Call ext. 4717. (8/31)

Jamestown 1607 townhouse in section C. 3 BRs, 1-1/2 baths. Wallpaper in kitchen and bathroom. Refrigerator and some curtains included. \$62,900. Call 253-1567. (8/24)

1975 Camero. Classic canary yellow, black top. Small block V-8 350, 2-barrel carburetor. AM/FM radio/cassette Pioneer Supertuner, 160 watt, power amp.; two 150-watt Kenwood speakers. Many new parts. Just inspected. \$1,350. Call 220-0592 or 229-2022, anytime; or 253-2205 after 7 p.m. (8/24)

FOR RENT

1-BR apartment in quiet residential neighborhood.

Looking for a mature female, non-smoker. \$250 including utilities. Call 565-0687. (9/7)

Season's Trace townhome: 2-BRs, 1-1/2 baths, greatroom with patio. All appliances. No pets. Available now. \$500 per month. Call 229-2712. (9/7)

3-BR, 2-bath rancher in Norge. CA, stove, refrigerator, fireplace, den, dining room, living room. Nine-month lease; available Sept. 15. \$500 per month. (9/7)

5-BR, unfurnished house with den. Available immediately. \$750 per month including utilities. Call Morris Mason, 253-2244. (9/7)

Jamestown 1607, 3-BR, 2-1/2-bath townhouse. Available now. Call 220-0755. (8/31)

Female professional or graduate student wanted to share new 3-BR home (Mirror Lake Development), 15 minutes from campus. \$300 per month plus shared utilities. Non-smoker preferred. Call 220-9162. (8/31)

Need quiet, responsible female to share 2-BR apartment. Rent \$150 per month. Available Aug. 1. Call 565-0261 and leave message. (8/31)

3-BR cottage located on James River, 1/2 mile west of ferry. One-year lease to faculty. Call ext. 4360 or 229-8274. (8/31)

Cottage: Kill Devil Hills. 3 BRs, 2 baths, sleeps 8. Carpeted, dishwasher, microwave, washer/dryer,

CATV/color TV, phone, ceiling fan, open porch, sun deck with furniture, enclosed outside shower, picnic table and grill, nicely furnished. 1/2 mile from beach. No pets. Call 25304581 or 887-9171. (8/24)

WANTED

Teachers' assistants for child care center. Full time (10 a.m.-6 p.m.) and part time (noon-6 p.m.). Experience in child care preferred. Starting salary \$4 per hour. Apply at Williamsburg Community Child Care, 126 Armistead Ave., Wmsbg. (8/31)

Babysitter/Nanny in our Kingsport (Wmsbg.) home to care for active one-year-old boy. Two to 2-1/2 days a week. Permanent part-time opportunity for the right person. Caring, responsible individuals should call 253-1515. (8/31)

Visiting professor's family needs a 3- to 4-BR, furnished house to rent Jan.-May 1989. Prefer close to campus. Reply to Robert F. Nagel, Campus Box 401, University of Colorado School of Law, Boulder, CO 80309. (8/24)

Furnished apt. within walking distance of the College for visiting faculty member. Call ext. 4486. (8/24)

SERVICES

Female graduate student will housesit first semester, Aug. or Sept. through Dec. References. Call 253-8069 and leave a message. (8/24)

Employment

Informational interviews will be held in the Office of Personnel Services each Thursday from 9 a.m. to noon on a first-come, first-served basis. This is an excellent chance to learn more about employment opportunities at the College and VIMS.

The following positions at the College are open to all qualified individuals. Call 229-JOBS for further information, or visit the Office of Personnel Services in Thiemes on Richmond Road for information and application forms, Monday-Friday, 8 a.m.-4 p.m. An EEO/AA employer.

Deadline for applying for the following positions is Aug. 26, unless otherwise indicated.

GROUNDWORKER (unclassified) — \$5.11 per hour, approximately 40 hours per week. *This is a seasonal appointment, which will expire in the fall.* No. A033. Location: Buildings and Grounds.

OFFICE SERVICES ASSISTANT (unclassified) — \$6.11 per hour, part time, approximately 20 hours per week. No. A085. Location: Law Library.

LABORATORY AIDE B (unclassified) — \$5.11 per hour. *This is a temporary appointment, which will not exceed 90 calendar days.* No. V. 015. Location: VIMS (Biological and Fisheries Science).

OFFICE SERVICES ASSISTANT (Grade 4) — Entry salary \$12,699. No. N068. Location: University Relations.

TELEVISION PRODUCTION TECHNICIAN (Grade 7) — Entry salary \$16,586. No. 016. Location: Educational Media.

OFFICE SERVICES SPECIALIST (Grade 5) — Entry salary \$13,881. No. 399. Location: Registrar's Office.

SECRETARY (Grade 4) — Entry salary \$12,699. No. N054. Location: Athletics.

SECRETARY SENIOR (Grade 5) — Entry salary

\$13,881. No. 518. Location: School of Business.

FISCAL TECHNICIAN (Grade 6) — Entry salary \$15,168. No. 375. Location: General Accounting.

MARINE SCIENTIST (Grade 14) — Entry salary \$30,953. *This is a restricted position with funding that is subject to renewal Dec. 31.* No. 519. Location: VIMS (Advisory Services). *Deadline Sept. 1.*

CARPENTER (Grade 6) — Entry salary \$15,168. No. 036. Location: Buildings and Grounds.

Calendar: Events on Campus and in Williamsburg

- Saturday, Aug. 27**
 Freshman Orientation (Through Aug. 31)
 Wren Chapel organ recital, 11 a.m.
- Sunday, Aug. 28**
 Graduate School Orientation
- Tuesday, Aug. 30**
 Freshman Welcome Party, Alumni House side lawn, 5 p.m.
- Wednesday, Aug. 31**
 Ice Cream Social, Sunken Garden, 6-8 p.m.
- Thursday, Sept. 1**
 Classes begin
 Senior class picnic, Alumni House lawn, 5 p.m.
- Friday, Sept. 2**
 Board of Visitors Executive Committee (Through Sept. 3)
- Saturday, Sept. 3**
 Wren Chapel organ recital, 11 a.m.
- Monday, Sept. 5**
 Auditions: Senior Directorial Project, "Livin' de Life," PBK, tba
- Tuesday, Sept. 6**
 Universitywide Faculty Meeting and Reception, Millington Aud., 3:30 p.m.
 Auditions: Senior Directorial Project, "Livin' de Life," PBK, tba
- Wednesday, Sept. 7**
 Film: "Persona" (Sweden, 1966) directed by Ingmar Bergman, Williamsburg Library Arts Center, 4 p.m. and 7:30 p.m.
 Exhibitions Opening for students, Muscarelle Museum, 5:30-7:30 p.m.
- Thursday, Sept. 8**
 Society of the Alumni Board of Directors Meeting, Alumni House, 8:30 a.m. (Through Sept. 9)
 Business Sponsors Board Meeting
 *Town and Gown Luncheon: "Public Understanding and Support of American Higher Education" by Gary H. Quehl, president, CASE, Campus Center ballroom, 12:15 p.m. Co-sponsored by the Society of the Alumni.
- Friday, Sept. 9**
 President's Council Weekend (Through Sept. 10)
 Tercentenary Observance Commission Meeting
- Saturday, Sept. 10**
 Wren Chapel organ recital, 11 a.m.
 *Football v. VMI, Cary Field, 1 p.m.
- Sunday, Sept. 11**
 Films: "Jasper Johns: Decoy" and "Gene Davis," Muscarelle Museum, 1 p.m.

Exhibits

- Muscarelle Museum:** "Elders of the Tribe" (Aug. 27 through Oct. 16)
 "Jasper Johns Prints" (Sept. through Oct. 23)
- Andrews Gallery:** "Ceramics" by Aggie Zed (Through Sept. 23)
- Andrews Foyer:** "Painting" by Janet Niewald (Through Sept. 23)
- Andrews Hall:** "Charcoal Paintings" by Robert Slater (Through Sept. 23)
- Zollinger Museum, Swem Library:** "This Glorious Struggle": Virginia during the American Revolution (Through Nov. 28)

English 101 exemption exam

The English 101 exemption essay exam will be held Monday, Aug. 29 from 10:15 to 1:15 a.m. in Small 109 and 113, and Thursday, Sept. 1 at 7 p.m., Tucker 215.
 Please direct inquiries to the department office, ext. 4359.

W&M Theatre season includes comedy, music and drama

The William and Mary Theatre opens its 1988-89 season on a musical note with "The Threepenny Opera," and includes a Victorian Christmas card from the theatre to Williamsburg with "A Christmas Carol."

A reserved seat subscription rate of \$13 is being offered for the 1988-89 season, a saving of \$7 over the single ticket rate. All performances are given in Phi Beta Kappa Memorial Hall.

The theatre opens Oct. 13 with the lively musical "The Threepenny Opera," book and lyrics by Bertold Brecht, directed by Bruce McConachie with William DeFotis musical director. Performances will be given Oct. 13-15, and 21-22 at 8:15 p.m. and at 2 p.m. on Oct. 23.

This ironic commentary on the morality of capitalism turns beggars into actors and thugs into bankers. It features such memorable songs as: "Mack the Knife," "Pirate Jenny" and "The Ballad of Sexual Obsession."

Charles Dickens' "A Christmas Carol" will be directed by Richard Palmer and presented Nov. 30, Dec. 2, 9 and 10 at 8:15 p.m. and at 2 p.m., Dec.

4. Theatre performances alternate with the holiday performances of the William and Mary Choir and Chorus.

Jerry H. Bledsoe will direct William Wycherly's "The Country Wife," to be presented Feb. 23-25 at 8:15 p.m., and Feb. 26 at 2 p.m.

This is the first Restoration comedy the theatre has performed in several years. It is an outrageously earthy but elegantly stylish depiction of London high life in 1675, people with wits, rakes, hypocrites, fools, and fops.

Final play of the main stage series will be "The House of Blue Leaves" by John Guare which will be directed by Richard Palmer. Performances will be April 13-15 at 8:15 p.m. and 2 p.m. on April 16.

This play won the Critics Award and Obie as the Best American Play of 1971. Described as a "Marx brothers gambol between farce and tragedy, it centers on a song-writing zoo keeper who struggles with a domestic menagerie including his anarchist son and crazy-smart wife, a food-obsessive mistress, a deaf starlet, and a gaggle of nuns.



EMPIRE BRASS

Columbia Artists Management Inc.

1988-89 CONCERT SERIES

The Concert Series is usually one of the most popular tickets on campus. This year is no exception. Ken Smith, series director, reports that already 500 tickets have been sold for the 1988-89 season and returns from the recent mailing are still coming in. He predicts another sellout season, well ahead of the first performance.

Tickets are \$13 for faculty, staff and students; \$17 for the general public. Individual tickets, when available are \$5. The form below may be used to reserve series tickets.

The series will open Oct. 25 with the Stuttgart Radio Symphony, Sir Neville Marriner, music director. The orchestra will play Don Juan, Op. 20 by Strauss; Symphony No. 2 in D major, Op. 73 by Brahms and Symphony No. 96 in D major ("miracle") by Haydn.

The Elisa Monte Dance Company will give a performance Wednesday, Nov. 2. This company has been described as "unabashedly sensuous" and praised by critics for the "dramatic mix of the erotic and the intellectual" the dancers present. Ms. Monte danced in the 1970s with Martha Graham and later with Philobolus, the innovative, free-style modern dance company.

The New York City Opera Company will present "La Traviata" on Sunday, Jan. 29.

Empire Brass, which was on the schedule last year but was preempted by the debate of Democratic party presidential candidates, is coming Sunday, Feb. 26.

Final program on the schedule is by The Percussion Group/Cincinnati, Friday, March 31.

Name _____

Address _____

Telephone _____

_____ William and Mary students, faculty, staff @ \$13 _____

_____ General Public @ \$17 _____

Make checks payable to CONCERT SERIES and mail to
 Concert Series, College of William and Mary, Williamsburg, VA 23185

In Williamsburg

This column is devoted to events in Williamsburg which would be of interest to members of the College community. We will accept entries, on a space available basis, of concerts, lectures, exhibits and other events open to the general public. Items must be submitted in writing to the William & Mary News office, 310 James Blair Hall, and must include the name and phone number of the contributor. Deadline for entries is Thursday at 5 p.m. for the following Wednesday edition.

Monday, Aug. 29

Last performances of "Cry Witch!" by the Colonial Williamsburg Company of Colonial Performers at 7 and 8:30 p.m. in the general courtroom of the Capitol building. Tickets are \$5 and are sold at the Visitor Center two days before the performance.

Thursday, Sept. 8

Regular Thursday morning rehearsals for the Williamsburg Women's Chorus begin 9:30-11:30 a.m. in the Fellowship Hall of Williamsburg United Methodist Church, 514 Jamestown Road. Membership open to all women interested in singing a wide variety of music. No auditions required. Babysitting available for a nominal fee. For further information call Linus Ellis, director, at 229-0286 or Mary Ann Williamson, publicity manager, 229-8934.

Sunday, Sept. 11

Sparky Rucker, blues singer, in concert at the Williamsburg Regional Library's Arts Center, 8 p.m. Tickets are \$6 and available at the Library Reception desk.

Wednesday, Sept. 21

Alex Beaton, Scottish balladeer, at Campus Center Ballroom, 8 p.m. Donation: \$6, \$4 for students with ID. Concert sponsored by Williamsburg Scottish Festival, Inc.

Saturday, Sept. 24

Williamsburg Scottish Festival — Jamestown Festival Park. Field events: 9 a.m.-5 p.m., on the Green; Kirkin' o' the Tartan, 10 a.m.

Adult Skills program seeks students & tutors

The Rita Welsh Adult Skills Program on the ground floor of the Bryan complex on Richmond Road, will hold registration Aug. 29-Sept. 1 from 9 a.m. to 3 p.m.

New students may come at any time during those hours or call ext. 4644 to make other arrangements if these dates are not convenient.

Returning students may register by phone.

Opening date is Sept. 19.

The Rita Welsh Adult Skills Program provides daytime instruction to adults of all ages in the Williamsburg-James City County-York County areas who wish to improve their reading and math skills.

Teaching is on a one-to-one basis by volunteer tutors under the guidance of the director, Nan Cruikshank, and her staff. Hours are flexible and are arranged to meet the work and family schedules for both adult student and tutors. Many students at the college as well as community volunteers serve as tutors.

Instruction is offered in the following areas: beginning reading and math, functional reading and math, advanced reading and math, High School Equivalency (GED) preparation, English as a second language and individual programs for work-place literacy.

The Program is a community service supported financially by the United Way, the College, area employers, area service clubs and interested individuals in the community. Adult student attend at no charge.

The Adult Skills program is always looking for volunteer tutors. Anyone willing to give two hours a week to help another adult is asked to call ext. 4644.

HOMECOMING SCHEDULE

Thursday, November 3

5 p.m.	Class of 1963 - Welcome Hospitality Suite	Royce Hotel
6 p.m.	OWJ Cocktails (Cash Bar)	Trinkle Hall
7:15 p.m.	OWJ Photograph	Trinkle Hall
7:45 p.m.	OWJ Dinner	Trinkle Hall
7 p.m.	Class of 1963 Cocktail Hour and Dinner (Cash Bar)	Motor House Commonwealth Room

Friday, November 4

8 a.m. - 5 p.m.	Registration Ticket Pick-Up	Alumni House Tent-Front Lawn
8 a.m.	Alumni Golf Tournament Tee Times 8 a.m. - 1 p.m.	Ford's Colony Golf Club
8 a.m.	Class of 1963 Breakfast	Royce Hotel Westminster A
8 a.m. - 4 p.m.	Alumni Children Interviews (By appointment only--Contact Admissions Office at 253-4223)	Admissions Office Ewell Hall
9 a.m.	MBA Alumni Continental Breakfast	Tyler Hall Lobby
9 a.m. - 1 p.m.	Class of 1963 Seminars	TBA
10 a.m.	Campus Bus Tour	Alumni House - Start
10 a.m.	11th Annual Sandy Kelly Alumni Tennis Tournament	Adair Tennis Courts
12 Noon	-Olde Guard Reception and Luncheon (Cash Bar) 12:45 - Luncheon	Kingsmill Conference Center-Burwell Plantation Room
12:15 p.m.	MBA Alumni Luncheon	Trinkle Hall
12:30 p.m.	Class of 1963 Box Lunches	TBA
2:30 p.m.	Campus Walking Tour	Alumni House- Start Wren Building- End
2:30 p.m.	Men's Soccer: W&M vs. Mount Saint Mary's	Dillard Complex
3 p.m.	Class of 1963 Campus Tour	Royce Hotel- Start
3 p.m.	Class of 1939 - Welcome Hospitality Suite BYOL	Motor House Room 5110-5111
3 p.m.	Class of 1940 - Welcome Hospitality Suite BYOL	Holiday Inn 1776 Chesapeake Room
3 p.m.	Class of 1953 - Welcome Hospitality Suite BYOL	Kingsmill Condominiums Suite TBA
3:45 p.m.	W&M Choir and Orchestra	Wren Yard (Rain - Great Hall)
4:30 p.m.	Sunset Ceremony	Wren Courtyard (Rain - Wren Chapel)
5 p.m.	Class of 1941 - Welcome Hospitality Suite BYOL	Holiday Inn 1776 Spencer Suite
5:45 p.m.	MBA Alumni Association Election of Directors	
6 p.m.	MBA Alumni Cocktail Reception	Phi Beta Kappa Hall Dodge Room
7 p.m.	Class of 1939 Dinner	Cascades
7 p.m.	Cocktail Party All Classes (Cash Bar)	Wren Building
8 p.m.	Annual Dinner and Dance 8:00 - Buffet 9:00 - Program 9:30-12 - Dancing (Cash Bar)	Sunken Garden Under the Marquee

Saturday, November 5

7:30 - 9 a.m.	Alumni Plantation Breakfast	Wren Yard (Rain-Sunken Garden Marquee)
8 a.m. - 2 p.m.	Registration Ticket Pick-Up	Alumni House Tent-Front Lawn
8 a.m.	Class of 1939 Hospitality Suite	Motor House Room 5110-5111
8 a.m.	Class of 1940 Hospitality Suite	Holiday Inn 1776
8 a.m.	Class of 1941 Hospitality Suite	Holiday Inn 1776
8 a.m.	Class of 1958 Continental Breakfast	Holiday Inn 1776
8 a.m.	Class of 1968 Continental Breakfast	Holiday Inn Downtown

8 a.m.	Alumni Campus Run	Alumni House- Start Wren Building- End
9:30 a.m.	59th Annual Homecoming Parade	Duke of Gloucester Street
11 a.m.	Law School Alumni Brunch	Law School Lobby
11 a.m.	MBA Alumni Tailgate Picnic	Tent between Tyler and James Blair Halls
11 a.m. - 1 p.m.	Luncheon-on-the-Lawn	Sunken Garden Under the Marquee
11 a.m.	Class Pictures Schedule: Olde Guard-11:00 Class of 1943-11:10 Class of 1948-11:20 Class of 1953-11:30 Class of 1958-11:40 Class of 1963-11:50 Class of 1968-12:00 Class of 1973-12:10 Class of 1978-12:20 Class of 1983-12:30 Young Guard-12:40	Sunken Garden
11:30 a.m.	Alumni Band Luncheon	Royce Hotel Williamsburg Ballroom
1 p.m.	Football Game W&M vs. Wofford	Cary Field
Post Game - 6 p.m.	Tentgater Celebration	Sunken Garden Under the Marquee
Post Game	Class of 1937 Hospitality Suite BYOL	Days Inn Downtown
Post Game	Class of 1939 Hospitality Suite BYOL	Motor House 5110-5111
Post Game	Class of 1940 Hospitality Suite BYOL	Holiday Inn 1776 Chesapeake Room
Post Game	Class of 1941 Hospitality Suite BYOL	Holiday Inn 1776 Spencer Suite
5-8 p.m.	Class of 1983 Happy Hour	Quality Suites Center Courts
Post Game - 8:30 p.m.	Young Guard Cabaret	Alumni House Lawn Rain-Patio Tent
4-6:30 p.m.	Law School Alumni Cocktails	Royce Hotel Empire Ballroom
5-6:30 p.m.	Class of 1948 Open House	Kingsmill Condominiums Suite TBA
6:30 p.m.	Class of 1953 Cocktail Hour and Dinner (Cash Bar)	Kingsmill Conference Center - Burwell Plantation Room B
6:30 p.m.	Class of 1943 Cocktail Hour and Dinner (Cash Bar)	Royce Hotel Colony Room
7:30 p.m.	Classes of 1940 and 1941 Cocktail Hour and Dinner (Cash Bar)	Holiday Inn 1776 Jamestown Room
7:30 p.m.	Class of 1948 Cocktail Hour and Dinner (Cash Bar)	Kingsmill Conference Center - Burwell Plantation Room A
7:30 p.m.	Class of 1958 Cocktail Hour and Dinner (Cash Bar)	Holiday Inn 1776
7:30 p.m.	Class of 1978 Cocktail Hour and Dinner	Holiday Inn Downtown Commonwealth Room
8 p.m.	Class of 1963 Dinner and Dance (Cash Bar - Dance Only)	Trinkle Hall
8:30 p.m. - 12:30 a.m.	Classes of 1968 and 1973 Dance (Cash Bar)	Holiday Inn Downtown
9:30 p.m. - 1 a.m.	Alumni Homecoming Dance	Sunken Garden Marquee

Sunday, November 6

7:30 - 10 a.m.	Alumni Brunch	Royce Hotel Colony Room
8 a.m.	Class of 1939 Hospitality Suite	Motor House Room 5110-5111
8 a.m.	Class of 1940 Hospitality Suite	Holiday Inn 1776 Chesapeake Room
8 a.m.	Class of 1941 Hospitality Suite	Holiday Inn 1776 Spencer Suite
8 a.m.	Class of 1953 Continental Breakfast	Kingsmill Condominiums Suite TBA
8 a.m.	Class of 1958 Continental Breakfast	Holiday Inn 1776
8 a.m.	Class of 1968 Continental Breakfast	Holiday Inn Downtown
1 p.m.	Alumni Volleyball Match	Adair Gym
2 p.m.	Men's Soccer: W&M vs. Loyola	Cary Field