

William and Mary

NEWS

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

Volume XVII, Number 17

Wednesday, January 20, 1988



"Aura" (1979) by Lewis Cohen is just one of the artworks by talented faculty members in "Faculty Show '88" opening this week at the Muscarelle Museum. Information on this and other exhibits at the museum appears on page 3.

Governor's Fellows program applications due Feb. 1

Governor Baliles has announced that the Governor's Fellows Program, which has been highly successful in the past several years, will be repeated this summer.

Fellows elected for 1988 will spend the summer with the Governor's Cabinet or personal staff. In addition to work experience, the Fellows will attend weekly seminars taught by cabinet members and other experts in state government and will take part in other collegial activities intended to give the Fellows a fuller understanding of government issues and processes.

This program is open to undergraduate seniors and graduate students, and since its inception William and Mary students have been selected as Fellows.

Applications must be received in Richmond by Feb. 1.

There is no application form. Applicants

should write a letter of application to the governor and submit the following: a resume, transcripts of undergraduate and graduate school grades, including GPA, two or three letters of recommendation and such other information as applicants deem relevant such as lists of publications, leisure interests, etc.

Letters of application should include, either in the letter itself or in the resume, the following information: name, address and telephone number (both present and permanent); schools attended (with dates) and degrees, if any; extracurricular activities; awards and recognitions; work experience; and voluntary community activities.

Applications should be sent to The Honorable Gerald L. Baliles, Governor's Fellows Program, State Capitol, Richmond, VA 23219.

If additional information is needed, please call Rose Marie Fewell at 804-786-2211.

Miss Jones leaves \$500,000 to law school

The College has received a half-million-dollar bequest from the estate of Pearl H. Jones, a secretary who served five presidents of the College for a total of 38 years. The gift will benefit the Marshall-Wythe School of Law.

Miss Jones, who died in Dec. 1986 at the age of 94, left in her estate a provision of \$500,547 for the purchase of books for the law school library. The gift was made in memory of her brother-in-law, James P. Alexander, and his wife, Grace Virginia Alexander.

The funds were delivered Dec. 22 to William and Mary President Paul R. Verkuil and law school Dean Timothy J. Sullivan by President Emeritus Davis Y. Paschall, who was in office when Miss Jones retired in 1963, and local attorney C. Harper Anderson, who handled her estate.

Verkuil said the gift represents "an enormous boost" for the law school. "The Marshall-Wythe School of Law has experienced a tremendous growth in the stature of its programs in recent years," Verkuil said. "This gift will accelerate its rise to new levels of prominence. We will shepherd these funds wisely in keeping with the wishes of the donor."

Miss Jones stayed in Williamsburg in retirement, and Paschall said he visited her twice a year. Only once, he recalled, did she raise the question of giving to the College, and on that occasion he mentioned library resources for the law school as a possibility. Prior to her bequest provision, she had made gifts for student financial aid and faculty support.

Paschall described Miss Jones as a "prim, Victorian-type lady of culture and refinement. She was not only very punctual and efficient, but also the most 'close-mouthed' person I ever encountered." While she greeted visitors warmly, he recalled, she was very discreet about the work of the president's office.

Miss Jones joined the College staff in 1922 as a secretary in the bursar's office, and in 1925 became secretary to President Julian A. C. Chandler (1919-34). She later served in the same capacity for the entire terms of presidents John Stewart Bryan (1934-42), John Edwin Pomfret (1942-51), and Alvin Duke Chandler (1951-60), and for the first three years of Paschall's term (1960-71).

A native of James City County, Miss Jones lived most of her life in Williamsburg.

Symposium to examine Middle East violence

"Violence and Instability in the Middle East: Lebanon, Egypt and Saudi Arabia" will be the topic for a public symposium sponsored by the College's Center for International Studies at 7:30 p.m. Monday, Jan. 25 in the Campus Center ballroom. Admission is free.

Speakers for the evening will be three nationally recognized experts on Middle East Affairs: Augustus Richard Norton of the U.S. Military Academy at West Point and an expert on Lebanon; Monte Palmer, an Egyptologist and chairman of the Department of Political Science at Florida State University; and Peter Theroux, author and Saudi specialist.

James A. Bill, director of the Center for International Studies, will serve as moderator. The symposium format will include analyses by each of the speakers followed by a substantial question-and-answer period involving the audience.

"As violence and warfare continue to tear through the Middle East, it is more important than ever to attempt to understand the fundamental causes of this upheaval," says Bill. "This is especially true given America's deepening involvement in the region."

All three of the speakers are unusual among American observers, according to Bill, because "they have lived with the people at the grassroots of these Middle Eastern societies; therefore their views, not surprisingly, sometimes stand in contradiction to much of what Americans read in the mass media.

"All three speakers live and do research in various Middle Eastern countries throughout much of the year; all three speak and read Arabic; and all three are the authors of several books and learned articles in their areas of specialty," he says. "They represent the best in America's scholarship on the Middle East."

Professor Norton was one of two major commentators who appeared in "The Sword of Islam," a PBS special, which aired recently.

Honors Program lecture tonight

Joel Schwartz, associate professor of government, will lecture on "The Liberation and Justice in *Oresteia*" at 7:30 p.m., tonight, Jan. 20 in Tucker 120.

A reception will follow in the Center for Honors and Interdisciplinary Studies, Tucker B2.

This lecture is part of the Wednesday Forum Series for Honors 201-202. Members of the public, students and faculty are invited to attend.

Also scheduled on the Honors series this semester are two films, to be shown at the Williamsburg Regional Library. "The 18th-Century Woman" will be shown at 7:30 p.m., Wednesday, March 16 and "Amarcord," 7:30 p.m., Wednesday, April 27.

Special Insert
1986-87
Grants and Research Report

Voter Registration
See page 6

Date of next Concert Series
performance changed
See page 8



Mrs. Ross-Miller receives plaque

Mrs. Laura Ross-Miller of Alexandria, a former member of the steering committee of the Association of Parents, receives a plaque of appreciation for her \$4,000 gift to furnish the Delta Sigma Theta sorority house on campus. The gift was made by Mrs. Ross-Miller and her daughters, Lynda and Laurie, both graduates of William and Mary. Delta Sigma Theta Sorority, Inc., was founded at Howard University in 1913. A William and Mary chapter was established in 1976. Mrs. Ross-Miller has been active on the national level in the sorority and gave important support and encouragement to the founding of the William and Mary chapter.

Scholarship opportunities

Koenig-Nimmo applications due Feb. 3

The government department is accepting applications for the Koenig-Nimmo Foreign Service Scholarship. This cash award is made each year to a senior who plans to pursue a career in international service with a government agency such as the Department of State or an international organization.

The recipient will be selected on the basis of academic excellence, commitment to foreign service, leadership qualities and interest in

promoting international understanding.

The scholarship is the result of two generous contributions by alumnae of the College, Mrs. Anna Belle Koenig-Nimmo '45, who contributed the original endowment in 1979, and Ms. Laurie Johnston '74, a Foreign Service officer, who added to the endowment in 1980.

Application forms for the scholarship are available in the government department office, Morton 10. Deadline for application is Feb. 3.

Master Printers

The Master Printers Association is seeking applicants for the Donald E. Sommer/A.J. Viehman Jr. Scholarship, which is a \$5,000 award to students who are entering into the first or final year of an established master's degree program in industrial relations or human resource management.

Applications will be accepted until April 1. Applications should be submitted to the Master Printers of America Education Trust Fund, 1730 North Lynn Street, Arlington, VA 22209. Please call Carol Loeffler at 703-841-8130 for additional information.

Essay competition offers \$10,000 prize

The Shidler Group sponsors an annual real estate essay competition. Awards range from \$1,000 to \$10,000.

Deadline for submissions is March 26.

Application forms and additional information can be obtained from Tina G. Gregory, Essay Competition Coordinator, The Shidler Group, 733 Bishop Street, Suite 2700, Honolulu, HI 96813; phone toll-free: 1-800-222-0899.

Jefferson award nominations due

The Thomas Jefferson Awards Committee is seeking nominations for the annual Jefferson Award and the Jefferson Teaching Award. Deadline is Jan. 27. Nominations should be sent to Kathleen F. Slevin, associate provost for academic affairs, Wren 101.

This year the committee asks that those who submit letters of nomination address the following criteria.

Jefferson Award: devotion to William and Mary, outstanding service to William and Mary, evidence of Jeffersonian attributes, e.g., universal curiosity, involvement in public life, etc.

Jefferson Teaching Award: less than 10 years full-time teaching, commitment to excellence and creativity in teaching, ability to stimulate and inspire learning.

HACE conducts membership drive

The William and Mary Hourly and Classified Employees Association (HACE) is conducting its annual membership drive now through March 9. All members will be eligible for a special drawing to be held at the March 9 meeting.

Membership is open to all hourly and classified employees. Dues of \$3 per year may be paid at any meeting or by sending a check payable to HACE

to Treasurer Joyce Emerson, Purchasing Office.

Meetings are normally held the second Wednesday of each month at noon in the Campus Center ballroom.

Remaining meetings in 1988 are: Feb. 10, March 9, April 13, May 11, June 8, July 13, Aug. 10, Sept. 14, Oct. 12, Nov. 9 and Dec. 14.

Notes

Minor research grant applications due Feb. 11

Applications for Minor Research Grants are due Feb. 11. The policies and principles statement and application forms are available in the Office of Grants and Research Administration, James Blair 203. All faculty, staff and currently enrolled students are eligible to apply.

Special Programs offers language classes in Feb.

The Special Programs Office will offer classes in French, Spanish and German designed to aid graduate students who are preparing for foreign language competency tests. The classes are scheduled to begin Feb. 9, 10 and 11 and will run for eight weeks. The fee is \$85. To register or receive more information, call the Special Programs Office, ext. 4048 or 4047, as soon as possible.

Education credentials must be completed

Education students are reminded that material for credential files must be in the Educational Placement Office, Jones 310 as soon as possible and before the interview schedule begins in February.

Also, students seeking Virginia certification should pick up the pertinent application forms.

Certification in Virginia is not an automatic process; the placement office can do nothing until applications are filed for processing through the State Department of Education in June.

Nuclear educators seek contributions

A group of W&M students plans to organize a Week of Education on the Nuclear Arms Race, which is now tentatively scheduled for early February. Both outside and local speakers will be invited for a series of afternoon and evening lectures and discussions. Planners are asking for support, in the form of a contribution, to help defray the expense of this event. Checks can be made payable to Williamsburg Peace Initiative and can be sent to Bob Welsh in the physics department.

Funds collected in excess of needs for speakers and similar expenses will be returned or donated as donors direct. Suggestions are also invited. Any ideas you can offer to help make the week a success will be greatly appreciated. Harlan Schone, Gene Tracy and Bob Welsh can be reached at ext. 4471.

Tax Liability Computed

Consistent with Section 79 of the Internal Revenue Code and guidelines issued by the Virginia Supplemental Retirement System and the State Comptroller, the university has calculated the 1987 tax liability on the Group Life Insurance for certain members of the faculty and staff. Approximately 720 current and former members of

the faculty and staff are affected.

The liability is derived by considering: the employee's natural death benefit (round up to the next highest \$1,000 and then double the amount) in excess of \$50,000, the age of the employee as of Dec. 31 and the frequency of pays at a given rate.

Faculty and staff who are affected will be notified prior to Jan. 31. Questions on individual computations should be directed to Lois T. Parker, manager, transactions/records, personnel office, ext. 4310.

Tour guides needed for Wren Building

Undergraduate and graduate students are needed as Wren Building tour guides. Variable schedules up to 20 hours per week are offered, 9 a.m. to 5 p.m., Monday through Friday. The rate of pay is \$3.85 per hour.

Training and orientation will be provided. These are year-round positions.

For further information, please call either Rebecca Dugger or Phyllis Long at ext. 4217 or 4236.

Williamsburg Hotline training begins Feb. 1

The Williamsburg Hotline, serving Williamsburg, James City County, York County and Poquoson, will be starting a training session Feb. 1 for individuals who wish to serve as Hotline volunteers.

Volunteers must be willing to help those in need of assistance. Necessary credentials are a compassion for others, a willingness to listen and the ability to work five to seven hours per week.

For more information, contact Laura L. Townsend, 253-0111.

Bibliophiles announce book collecting contest

The Williamsburg Bibliophiles and the Bookstore of the College are again working together to support book collecting by students at the College.

All W&M students are eligible to submit details of their book collections in competition for prizes of \$150 and \$75. There are separate divisions for undergraduates and graduate students. The unifying principle of a collection may be a particular subject, author, genre, time period or special interest of the student.

Details and applications are available from John Haskell, Swem Library Administrative Offices, ext. 4408, and the College Bookstore.

Applications must be submitted to Haskell by March 2.

Exam scheduled for Writing 101 exemption

A third Writing 101 exemption examination has been scheduled for 7-10 p.m., Thursday, Jan. 28 in Tucker 202. Bring only a pen or pencil; blue books will be provided. No registration is necessary.

Carson and Adams nominated for Ryan scholarships

Although the William and Mary Theatre production of "Crimes of the Heart" is over, it continues to be a major activity for two actresses in the cast.

Laura Carson of Atlanta, Va., and Sherry Adams of Burke, Va., have been nominated for the Irene Ryan Acting Scholarship, a national award given for excellence in undergraduate and graduate acting.

Both students were nominated by critic-judges from two different universities who came to see a performance of "Crimes of the Heart," which opened the William and Mary Theatre season this year. Carson was cast as Lennie and Adams as Babe.

Carson and Adams will go to Greensboro, N.C., in February to compete against nominees from other college and university productions. Finalists will perform in Washington as part of the American College Theatre Festival. The top two performers will receive \$2,500 scholarships.

Carson and Adams hope to match the accomplishment of alumnus Don Reilly who won the top prize in 1983. Reilly has appeared in several national TV shows and was featured in the TV series "Amerika." He is currently with the Great Lakes Theatre Festival. Reilly was nominated for

his work in "Tartuffe," directed by Jerry Bledsoe.

Bryan Tunnell '87 was nominated for his work in "Fool for Love," directed by Louis E. Catron, and scored highly in the regional competition.

"It is exciting for everyone involved in the production to see two of the cast honored," said Catron, director of "Crimes of the Heart."

Carson is a senior majoring in theatre who has acted in "As You Like It" and "Brighton Beach Memoirs" and has also appeared in the theatre department's Second Season productions. "The Passing of the King," a one-act play, written by Carson was presented in Premiere Theatre last year.

Adams, a junior majoring in theatre, also appeared in "Brighton Beach Memoirs" and Second Season productions.

The success of the two nominees, says Catron, points up the value of the theatre's Second Season which includes Premiere Theatre, Director's Workshop and senior directoral projects. Both Carson and Adams honed their acting skills in Second Season before working with mainstage productions.

Second Season, says Catron is an alternative theatre experience which "allows us to do things

wrong and not feel too bad about it, a laboratory theatre." The activities of Second Season have already begun to crowd the calendar. Some 40

shows per season are produced, ranging from short dramatic monologues to full-length faculty- or student-directed shows.



Laura Carson



Sherry Adams

Muscarelle features faculty and noted abstract artist

Two exhibitions open at the Muscarelle Museum of Art this month. "William and Mary Faculty Show" will open Jan. 23 and run through March 6; "Paintings by Robert Keyser" will be displayed Jan. 30 through March 13.

An opening reception for both shows will be held from 5:30 to 7:30 p.m., Friday, Jan. 29 in the museum.

The faculty exhibit will showcase recent work by several members of the fine arts department. Included in the exhibition are works in a variety of media by Bill Barnes, Lewis Cohen, Henry Coleman, Paul Helfrich, Marlene Jack and Avis Turner.

Henry Coleman, chairman of the fine arts department, will give a gallery talk, at 2 p.m., Sunday, Jan. 24.

The exhibition of Robert Keyser's paintings and drawings was organized by the Temple Gallery, Philadelphia, and Freedman Gallery, Reading, Pa. The display presents 41 examples of Keyser's work in the past 10 years.

Keyser, who studied with Fernand Leger in Paris (1949-51), settled in New York in the 1950s, the heyday of abstract expressionism. Throughout his career, his art has been both anachronistic and avant garde. He appears to have been unaf-

ected by sensationalism, commercialism and other influential patterns in the art world. Keyser's works are undeniably abstract, yet remain self-expressive and individualistic.

Keyser will present a special illustrated lecture on his work at 8 p.m., Monday, Feb. 1 in Andrews Auditorium.

In addition to these special exhibits, the museum will display three groupings of work from its permanent collection.

"Sculpture and Drawings by Joseph Lonas" will present selections from the long, illustrious career of this international artist who attended

William and Mary. Lonas, who has made his home in Germany for the past 20 years has been a member of the teaching staff at the Institute of Fine Arts in Berlin since 1963.

"Christ, Twelve Apostles and Saint Paul," a unique series of 14 engravings by 16th-century Dutch printmaker Hendrik Goltzius, is a 1986 acquisition by the museum.

In addition, a variety of old-master 17th-, 18th- and 19th-century American and European paintings will remain on display through the winter.

Gallery hours are 10 a.m.-4:45 p.m., Monday-Friday; noon-4 p.m., Saturday-Sunday.

Museum plans Saturday art classes for children of all ages

Young people of all ages are invited to enroll in the winter-spring series of gallery-studio classes offered by the Muscarelle Museum of Art.

The program is designed to introduce young students from preschool through eighth grade to the museum and its collections and to develop an appreciation and understanding of the visual arts through exposure to original objects, informative gallery dialogs and informal studio sessions.

Classes are scheduled for the following Saturdays: Feb. 6, 13, 20, 27, and March 5, 12, 19, 26. The following programs will be offered:

Art for Parent and Child, for ages 3-5, from 9 to 10:30 a.m. Parents, one or both, are invited to bring their preschoolers to look and learn about the museum's collections and enhance their visual perception, communication and fine motor skills through art projects.

Artz from A to Z, for grades 1-2, from 9 to 10:30 a.m., or from 11 a.m. to 12:30 p.m. Using mixed media, students will explore language and meaning in the works of art from the permanent collection and special exhibitions.

Art's a Game, for grades 3-4, from 9 to 10:30 a.m. Children have been making their own games and toys for centuries. Using basic design principles, students will create their own games and toys using materials such as feathers, felts, buttons, cut wood, cardboard, paints and paper.

Paper Capers, for grades 5-6, from 11 a.m. to 12:30 p.m. Students will explore all the uses of paper, creating beautiful art forms from paper that is folded, molded, shredded, threaded, painted, tained and decorated with an unlimited variety of materials. They will also create handmade papers from brightly colored cotton pulp.

20th-Century Drawing, for grades 7-8, 11 a.m. to 12:30 p.m. Using a wide selection of traditional and contemporary drawing tools and materials, students will work in the galleries to develop expressive line, form and texture drawings. This class coincides with the presentation of drawings in a number of the museum's exhibitions this spring.

Registration will be held at the museum from 10 a.m. to noon Saturday, Jan. 30. The museum will continue registration the following week until classes are filled. Parents must register their

children in-person only. Enrollment is limited.

The fee is \$15 per student. Scholarships are available in cases of financial need. The program

is supported in part by a grant from the Williamsburg Arts Commission. For further information call the museum at ext. 4003.



Last year's students participated in a similar program and the Muscarelle.

News makers News makers Ne

VanTassel-Baska concerned about low aspirations



Joyce VanTassel-Baska

A professor of education at the College of William and Mary who studies human talent development says too many female high school students are limiting their career options because they don't take enough math and science courses.

Joyce VanTassel-Baska, the Jody and Layton Smith Professor of Gifted Education, says recent studies have shown that only about 30 percent of female high school valedictorians realize their full career potential, and of those, fewer and fewer are becoming teachers.

"Of particular concern is that most able females with a college education do not aspire to positions comparable to their ability and training," says VanTassel-Baska. "Young, gifted girls drop out of math and science courses and shut themselves off from careers, many of which are math-dependent."

In addition, bright educated women have shunned teaching for other fields over the past 10 years, helping to fuel a critical teacher shortage.

VanTassel-Baska says she understands that higher-paying jobs are more desirable, but believes that money shouldn't be the only consideration in selecting a career. When she speaks to high

school groups about teaching as a profession, she asks the students to think of the personal qualities and values of someone they admire and ask themselves if money was that person's prime motivation.

"I try to build a sense of the necessity to find meaning in their lives and make a commitment in line with their value system. I don't imply that fulfillment can't be found in fields other than teaching, but it's a goal they should work for."

She adds: "People think of teaching as very narrow — you just teach. But I've been able to focus on research, program development, student and teacher services and writing. All these things are an integral part of what we do in higher education."

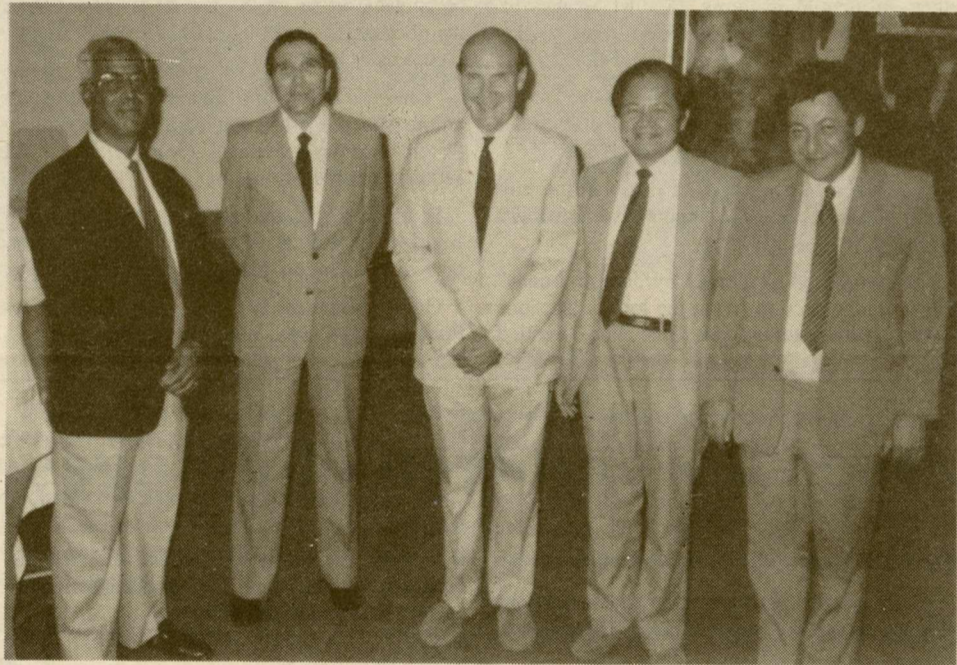
One of the attractions of William and Mary's School of Education for her is its emphasis on "content expertise," meaning that students are thoroughly trained in their selected areas of education. She believes that "translating ideas to gifted learners at earlier stages of development requires teachers to know more content."

"One of our most appalling problems is the

socioeconomic gap between students in our schools and appropriate strategies to address it," she says. Results of her 1987 study of gifted and talented students on the Scholastic Aptitude Test (SAT) "revealed a significant difference in their scores based on income variables. The gap widens as they go through school. Unless we address the problem, it will continue as a major issue in public education."

VanTassel-Baska came to William and Mary this fall from the Northwestern University School of Education, where she was a faculty member and director of the Center for Talent Development. Her experience includes teaching and consulting work in a number of public school systems and visiting instructorships and guest faculty appointments at nearly a dozen colleges and universities.

She has co-authored three books on the subject of gifted learners, contributed chapters to numerous scholarly works and written dozens of juried articles and monographs. Since 1974, she has been the principal investigator on seven projects totaling nearly \$1 million in grants. She received bachelor's, master's and Ph.D. degrees in education from the University of Toledo.



Meeting in Venezuela

At their recent meeting in Cumana, Venezuela, a steering committee of the World Archaeological Congress (WAC), approved a motion by professor Mario D. Zamora to formally establish the World Archaeological Congress Organization. WAC will next meet in Merida, Venezuela, in 1990. WAC steering committee members from right: Peter Ucko, Britain; Mario D. Zamora, U.S.A.; Michael Day, Britain; Governor Fernandez of the Venezuelan state of Sucre; Mario Sanoja, Venezuela.

Biology

Stanton F. Hoegerman, associate professor, attended the first national meeting of The Fragile X Foundation. He and Dr. Ave Lachaewicz, a developmental pediatrician at Duke, presented a paper titled "The Robin Sequence in Two Boys with the Fragile X Syndrome."

A paper by professor C. Richard Terman titled "Intrinsic Behavioral and Physiological Differences among Laboratory Populations of Prairie Deermice" has been published by *The American Zoologist* 27 (1987): 853-866. The paper was presented to the symposium "Behavior as a Factor in the Population Dynamics of Rodents: New Concepts and Approaches" at the annual meeting of the American Society of Zoologists.

Classical Studies

John H. Oakley, associate professor, presented a paper, "Three Mantled Ladies: An Iconographical Rarity," at the annual meeting of the Archaeological Institute of America and the American Philological Association in New York, Dec. 29.

His article "A Calyx-Krater in Virginia by the Nikias Painter with the Birth of Erichthonios" appeared in *Antike Kunst* 30 (1987): 123-130, pls. 18-19.

Geology

Heather Macdonald, assistant professor, received a grant from the Virginia Academy of Science for "A Comparison of Septarian and Non-septarian Concretions from the Devonian Millboro Shale."

Modern Languages and Literatures

George D. Greenia, assistant professor, visited Alfred University in New York to present an interdisciplinary lecture on "Homemakers, Harlots and Heroines: Women in Spanish Medieval Art." In his talk, Greenia integrated the subjects of medieval art, literature and women's studies. He discussed the unexpected diversity of social roles that women of the 13th century enjoyed and revealed the relative moral autonomy that they were presumed to have had by poets and illuminators of the court of Alfonso X. Greenia was treated to a reception by his hosts, Phi Sigma Iota and Sigma Delta Pi, immediately following the lecture.

Victoria A. Babenko-Woodbury, lecturer in Russian, presented a paper titled "Moisei Fishbein: A Modern Ukrainian Poet" at the Southern Conference of Slavic Studies, held Oct. 20-24 at UNC-Chapel Hill.

She has written two reviews on Victor Sosnora's *Izbrannoe* (Selected Poems) and *Beyond the Limit*, poems of Irina Ratushinskaya, for *World Literature Today*. Babenko-Woodbury has also written reviews for *Choice* (Middletown, Conn.) — one of Maria Kravchenko's *The World of the Russian Fairy Tale* and one of Olga Carlisle's *Leonid Andreev*. Her article, "Tolstoy and Goethe: A Study in Literary Response," has been accepted for publication by *Occasional Papers*, University of Iowa.

Psychology

Deborah Ventis, associate professor, attended the 10th annual National Institute on the Teaching of Psychology in January. Her presentation, "Writing to Discuss: Use of a Clustering Technique," won the Frank Costin Award for Excellence for the most outstanding presentation. The award included a \$100 prize.

In addition, her recent publication in the journal on "Recycling Poster Sessions for Colloquium Series" was chosen for inclusion in *Handbook for Teaching Statistics and Research Methods* published by Lawrence Erlbaum Associates (Jan. 1988).

"Defensive Reactance of Psychologists to a Metaphysical Foundation for Integrating Different Psychologies" by E. Rae Harcum, professor, has been accepted for publication in the *Journal of Psychology*.

Religion

James D. Tabor's book *Things Unutterable: Paul's Ascent to Paradise* was the topic of a special three-hour session at the annual meeting of the Society of Biblical Literature in Boston, Dec. 6. The session included an overview by the author, reviews by colleagues and an extended panel and audience discussion. Tabor, assistant professor, also chaired a new program section at the annual meeting of the American Academy of Religion in Boston, Dec. 7. He had been instrumental in creating the session titled "Categories of Humanity and Divinity in Western Antiquity."

School of Education

Agnes Donovan, assistant professor, reported her findings on paternal perceptions of family stress and ways fathers cope with a handicapped adolescent at the American Psychological Association conference. In addition, her chapter titled "The Efficacy of Family Systems Intervention: A Critical Analysis of Research" will appear in the *Handbook of Family-School Intervention: A Systems Approach* (Grune and Stratton, Inc., Publishers).

Robert Hanny and William Bullock, profes-

sors, made a presentation "Religion in the Schools" at the Virginia Association for Supervision and Curriculum Development meeting held in Virginia Beach.

William Losito, associate professor, has been named president-elect of the South Atlantic Philosophy of Education Society.

Marshall-Wythe

Paul LeBel, associate professor, demonstrates his genuine gift for humor in "A Guide for the Selection of Faculty Recruiters . . . Or Any First Year Course" published in the *Journal of Legal Education* 37 (1987): 374. Those in the law who have participated in the appointments process or those who have traveled to the Chicago recruiting conference will want to take a moment to read it.

An article by J. R. Zepkin, lecturer, titled "Limitations of Actions in Virginia: Do Too Many Clocks Spoil the Broth?" has just been published in *The Virginia Bar Association Journal* 14 (1988): 4. Part two will appear in the spring issue.

VIMS

Fu-Lin Chu, assistant professor, published a paper titled "Metamorphosis of Larvae of *Crassostrea virginica* Fed Microscopic Encapsulated Diets" in *Aquaculture* 64 (1987): 185-197. The paper is co-authored by K. L. Webb, D. A. Hepworth and B. B. Casey.

Robert J. Huggett, professor, was elected to the board of directors of the Society of Environmental Toxicology and Chemistry (SETAC) at the society's eighth annual meeting in Pensacola, Fla.

William J. Hargis, professor, also attended the SETAC meeting and presented a paper titled "Efforts of Certain Contaminants on Gills of Several Estuarine Fishes" to the more than 1,000 attendees at the conference. Co-author of the paper was David E. Zwerner.

Mary C. Gibbons, assistant professor, attended the 79th annual meeting of the National Shellfisheries Association, Inc., at Halifax, Nova Scotia. Gibbons presented a paper titled "Development of Nursery Techniques for Remote-set Larvae of *Crassostrea virginica* in Virginia." While in Canada, she visited two flat oyster farms, Ostrea Sea Farm and Seafarm Ventures, on Prince Edward Island. Gibbons observed a mussel harvesting operation, American oyster farms and a research facility while on the island. She also visited Aquacultural Research Corporation at Dennis, Mass., which cultures hard clams, American oysters, bay scallops and surf clams.

Continued on page 5.

Grants and Research Report

1986-87 Grants and Research Highlights

- Expenditures for research and instruction from public and private grants totalled \$7.2 million in 1986-1987, a 4.3 percent increase over 1985-86.
- Expenditures for externally sponsored faculty projects in arts and sciences, business, education and law were in excess of \$3 million in 1986-87.
- Externally sponsored research support at VIMS grew 12 percent in 1986-87.
- Federal, state and private grant support for research and instructional programs is equivalent to an additional \$1,000 per student and represents 10 percent of the total education and general for the university.
- William and Mary averages \$26,800 in research dollars per faculty member, ranking fourth in its 20-member peer group, only slightly behind the University of North Carolina at Chapel Hill at \$30,000; and well ahead of Dartmouth College, \$18,900; Tulane University, \$21,700; and Wake Forest University, \$21,751.
- Approximately one-fourth of the university's faculty members received some support from external agencies for their research interests.
- Over 75 faculty members received compensation, including summer research salaries, from grants.
- Over 200 students received at least partial support from research grant funds.
- Indirect costs included in these awards generated approximately \$250,000 for support of the Summer and Semester Research Grants programs.
- Since 1983-84 there has been an increase of five Summer Grants and four Semester Grants as a result of the faculty's ability to increase the level of external support for research. Thirty-seven faculty members received Summer Faculty Research Grants; and 22 faculty members were awarded Semester Research Assignments.
- Fourteen faculty members received summer course development or seminar fellowships which were funded by endowment income from the National Endowment for the Humanities Challenge Grant which was awarded to the College in 1979-82.

Meeting National Needs

An important dimension of external support is the additional resources these grants provide to William and Mary. These additional resources enable the university to strengthen its activities in areas that are recognized as high priorities at the national and state levels. During the past year, William and Mary was very active in a number of these areas:

Expanding research experiences in the sciences for undergraduate students

- Twelve undergraduate students participated in a special Research Experiences for Undergraduates program in physics funded by a grant to the Physics Department from the National Science Foundation. William and Mary's program was one of 128 research sites funded by NSF in all areas of science, only eight of which were in physics.
- Thirty other undergraduate students participated in research projects in biology, chemistry and physics under grants from the Petroleum Research Fund, Jeffress Memorial Trust and National Science Foundation.

Increasing the number of scientists and the representation of minorities and other underrepresented groups in areas of national need

- During the past three years, 14 minority undergraduate students have spent the summer working closely with faculty and staff at the School of Marine Science. The minority internship program was funded by a three-year grant from the Exxon Foundation with additional funding from the Mississippi-Alabama Sea Grant Program.
- Since 1981, 21 students from minority and other groups underrepresented in areas of national need have received Patricia Roberts Harris fellowships funded by grants awarded to the College by the U.S. Department of Education. These students have obtained advanced degrees in business, clinical psychology, law, marine science, and physics.
- Approximately 150 graduate students received stipends to support their master's and doctoral degree work under grants and fellowships awarded to William and Mary by a number of agencies, including the National Science Foundation, Department of Energy, National Aeronautics and Space Administration, Environmental Protection Agency, and U.S. Fish and Wildlife Service.

Improving instruction at all levels, in the humanities, especially in foreign languages and writing skills

- Thirty-two foreign language teachers participated in the 1987 Tidewater Summer Language Institute designed to improve the language skills of French, German and Spanish secondary school teachers. Participating in the 1986 Summer Institute were 23 French and Spanish teachers from Tidewater secondary schools. Both programs were funded by grants to the Department of Modern Languages and Literatures from the U.S. Department of Education/State Council of Higher Education.
- Twenty elementary and secondary school teachers participated in the 1987 Eastern Virginia Writing Project (EVWP) funded by a grant from the Virginia Foundation for the Humanities and Public Policy to the School of Education. Since the EVWP began in 1979, nearly 150 teachers in grades K-12 have attended the EVWP whose goal is to increase the competency of student writers at all grade levels in all disciplines.
- A Writing Resource Center for William and Mary students opened in the fall of 1987. Major funding for this Center was provided by a 1986-88 Funds for Excellence grant from the State Council of Higher Education.

Increasing the supply of certified special education personnel to overcome the severe manpower shortage in this field

- In the spring, eight doctoral students completed a Special Education Leadership Training program under a three-year grant to the School of Education from the U.S. Department of Education.
- Twelve students are currently enrolled in a master's degree program leading to teacher certification in special education under a grant awarded to the School of Education by the U.S. Department of Education. Since the grant was awarded in 1985, 36 students have participated in the program.
- During the 1987-88 academic year, 40 experienced elementary and secondary teachers will participate in the Peninsula Special Education Institute, a collaborative project between William and Mary and Hampton University. Funded by a grant from the State Department of Education, the program is designed to certify teachers in their current teaching assignment and other areas of special education.

Faculty of Arts and Sciences

Anthropology

Brown, Marley R., "Phase II Archaeological Survey: Five Forks School," Williamsburg-James City County Public Schools, \$5,015 (5/26/87-6/30/87).

Reinhart, Theodore R., "Phase I Archaeological Survey: Hillpoint Force Main Crossing," Ocean Holdings, Inc., \$862 (10/24/86-11/30/86).

Reinhart, Theodore R., "Phase III Archaeological Services Related to Route 58, Greenville and Southampton Counties," Virginia Department of Highways and Transportation, \$67,005 (7/14/86-10/1/86).

Scherff, Susan K., "Work on Fort Belvoir's Historic Preservation Plan," Fort Belvoir, Department of the Army, \$24,996 (2/15/87-9/30/87).

Biology

Bartlett, Karen B., "Methane Gas Emissions from Wetlands Environments," National Aeronautics and Space Administration, \$75,000 (2/1/87-2/1/89).

Beck, Ruth A., "Red-Cockaded Woodpecker Investigations," Virginia Commission of Game and Inland Fisheries, \$15,000 (7/1/87-6/30/88).

Byrd, Mitchell A., "Nongame and Endangered Wildlife Investigations on the Peregrine Falcon, Shorebirds, Barn Owls, Colonial Birds, Ospreys, and the Bald Eagle," Virginia Commission of Game and Inland Fisheries, \$75,800 (7/1/87-6/30/88).

Hoegerman, Stanton F., "Identification of Individuals with the Fragile X Syndrome," Eastern Virginia Medical School, \$4,524 (7/1/86-3/31/87).

Mangum, Charlotte P., "Adaptability of Blood Oxygen Carriers: Mechanisms and Evolutionary Origins," National Science Foundation, \$36,344 (3/1/87-8/31/88).

Scott, Joseph L., "Comparative Nuclear Cytology and Ultrastructure in the Red Algae," National Science Foundation, \$145,000 (3/1/87-8/31/90).

Chemistry

Abelt, Christopher J., "Cyclodextrin-Assisted Photocycloadditions," Petroleum Research Fund, \$18,000 (9/1/86-8/31/88).

Crill, Patrick M., "Atmospheric Trace Gases," National Aeronautics and Space Administration, \$91,115 (8/16/87-2/15/89).

Djordjevic, Cirila., "Transition Metal Peroxo Complexes," National Science Foundation, \$27,876 (5/1/87-9/30/88).

Jones, Tappey H., "A Stereoselective Synthesis of 3,5-Disubstituted Pyrrolizidines," Petroleum Research Fund, \$20,000 (6/1/87-8/31/89).

Jones, Tappey H., "Ant Venom Alkaloids: Stereocontrol of 3,5-Dialkylpyrrolizidines Via Reductive Amination," Jeffress Memorial Trust, \$34,400 (1/1/87-12/31/89).

Kiefer, Richard L.; David L. Gosselin, Roy L. Pearson and Robert A. Whitehorne, School of Business Administration; **Kelly G. Shaver and John B. Nezelek,** Department of Psychology; **P. Ronald Grulich,** School of Marine Science; **John Usher,** Project Director of CEBAF Technology Transfer Grant, "An Entrepreneurship Center at William and Mary," Center for Innovative Technology, \$9,097 (2/1/87-11/30/87).

Kiefer, Richard L. and David W. Thompson, "Acquisition of Nuclear Magnetic Resonance Spectrometer," National Science Foundation, \$110,000 (7/1/87-12/31/88).

Knudson, Stephen K., "Excited Vibrational States of Highly Anharmonic Molecules: Semi-classical Techniques," Petroleum Research Fund, \$20,000 (6/1/87-8/31/89).

Kranbuehl, David E., "Characterization of High Temperature/High Performance Materials Using Dynamic Dielectric Analysis along with Other Chemical Characterization Techniques," General Electric Company, \$18,000 (7/1/86-6/30/87), \$4,500 (7/1/87-6/30/88).

Kranbuehl, David E., "Characterization of the Relationship of the Cure Cycle Chemistry to Cure Cycle Processing Properties," National Aeronautics and Space Administration, \$52,199 (12/1/86-11/30/87).

Kranbuehl, David E., "Characterization of the Relationship of Dynamic Dielectric Properties to Cure Cycle Processing of High Temperature Composite Resins," Center for Innovative Technology, \$20,750 (12/1/86-12/31/87).

Kranbuehl, David E., "Characterization of the Polymerization of Unsaturated Polyesters Using DDA and DSC Measurements," Aristech Chemical Corporation, \$7,500 (4/1/87-3/31/89).

Kranbuehl, David E., "Frequency Dependent Electromagnetic Measurements of Polymers," E. I. du Pont de Nemours and Company, Inc., \$5,000 (1/1/87-12/31/87).

Kranbuehl, David E., "Frequency Dependent Impedance Measurements," Hercules Incorporated/Aerospace Division, \$13,500 (4/6/87-10/6/87).

Kranbuehl, David E., "In-Process Cure Control for Automated Composite Processing," General Dynamics/Convair Division, \$10,500 (4/13/87-10/31/87).

Kranbuehl, David E., "Microdielectrometry Tests on Resins," Hercules, Incorporated/Aerospace Division, \$10,500 (5/1/87-10/31/87).

Orwoll, Robert A. and Richard L. Kiefer, "Space Environmental Effects on Polymeric Materials," National Aeronautics and Space Administration, \$32,587 (6/1/87-5/31/88).

Rice, Gary W., "Development and Application of Afterglow/Discharge Systems as Element Specific, Multielement Detectors for Gas Chromatography and Emission Spectroscopy," Jeffress Memorial Trust, \$30,000 (7/1/87-6/30/89).

Thompson, David W. and Melvyn D. Schiavelli, "The Synthesis of Pyrans Via the Lewis Acid Promoted Cyclization of Unsaturated Acetals," National Science Foundation, \$25,400 (3/1/87-2/28/89).

Computer Science

Burton, John C. and Stephen K. Park, "NASA Training Grant: End-to-End Digital Imaging System Simulation," National Aeronautics and Space Administration, \$18,000 (6/1/87-5/31/88).

Bynum, William L., "Collision Avoidance and Path Planning," National Aeronautics and Space Administration, \$46,082 (6/1/87-5/31/88).

Feyock, Stefan, "Fault Diagnosis Based on System Dynamics Models," National Aeronautics and Space Administration, \$38,349 (9/1/86-8/31/87).

Long, Jacquelyn F. and William L. Bynum, "NASA Training Grant: Generation of Real-Time Graphic Displays," National Aeronautics and Space Administration, \$18,000 (8/16/86-8/15/87).

Park, Stephen K. and J. Phillip Kearns, "Reliable Real-Time Processing of Sensor Data in Embedded Avionics Computing Systems," National Aeronautics and Space Administration, \$78,255 (6/16/87-6/15/88).

Reichenbach, Stephen E. and Stephen K. Park, "NASA Training Grant: Algorithms for Focal Plane Image Restoration," National Aeronautics and Space Administration, \$18,000 (6/1/87-5/31/88).

English

Hart, Henry W. and David C. Jenkins, "Virginia Real: A Literary Festival," Virginia Commission for the Arts, \$3,000 (9/1/87-4/30/88).

Government

Ward, Alan J., "Faculty Exchange Program Between the College of William and Mary and the University of Adelaide and Flinders University in Australia," United States Information Agency, \$59,990 (7/1/86-6/30/89).

History

Newby, Cassandra and Robert J. Scholnick, dean of graduate studies in arts and sciences; "Graduate Deans' Fellowship Program for 1987-88," State Council of Higher Education for Virginia, \$12,000 (7/1/87-6/30/88).

Wren, John Thomas and Robert J. Scholnick, dean of graduate studies in arts and sciences; "Jacob Javits Fellows Program," Department of Education, \$12,540 (9/1/86-8/31/87), \$10,362 (9/1/87-8/31/88).

Mathematics

Andersen, Carl M., "Tire Non-linear Model," National Aeronautics and Space Administration, \$59,993 (11/1/86-10/31/87).

Johnson, Charles R., "Topics in Matrix Analysis and Application," National Science Foundation, \$43,450 (6/1/87-11/30/88).

Modern Languages and Literatures

Griffin, James E. and Howard M. Fraser, "1987 Tidewater Summer Language Institute," U.S. Department of Education/State Council of Higher Education for Virginia, \$33,803 (2/10/87-9/30/88).

Mather, M. Clare, "French Play Production," Williamsburg Arts Commission, \$455 (1/1/87-6/30/87).

Physics

Benner, D. Chris, "Halogen Occultation Experiment Investigation," National Aeronautics and Space Administration, \$65,872 (1/1/87-12/31/87).

Carli, Bruno, "Analysis of Balloon-Borne Interferometer Data," National Aeronautics and Space Administration, \$5,000 (9/24/86-1/30/87).

Carli, Bruno, "An Analysis Method for Fourier Transform Spectroscopy," National Aeronautics and Space Administration, \$27,000 (2/1/87-1/30/88).

Carlson, Carl E. and Franz L. Gross, "Topics in Theoretical Physics," National Science Foundation, \$82,000 (6/1/87-11/30/89).

Champion, Roy L. and Lynn D. Doverspike, "Negative Ion Detachment Cross Sections," Department of Energy, \$88,000 (3/1/87-2/29/88).

Delos, John B., "Properties of Atoms in High External Fields," National Science Foundation, \$33,000 (7/1/87-12/31/88).

Eckhause, Morton, John R. Kane, Robert T. Siegel and Robert E. Welsh, "Experiments on the Interactions of Muons, Kaons, Antiprotons and Sigma Hyperons," National Science Foundation, \$8,563 (7/23/86-7/31/87), \$507,162 (1/1/87-7/31/88).

Hoatson, Gina L., "Deuteron Magnetic Resonance of Liquid Crystals and Binary Mixtures," Jeffress Memorial Trust, \$30,000 (7/1/87-6/30/89).

Kishoni, Doron, "Digital Signal Processing for Quantitative NDE," National Aeronautics and Space Administration, \$60,636 (5/1/87-3/15/88).

Kossler, W. Jack and Kenneth G. Petzinger, "Muon Spin Relaxation in Solids," National Science Foundation, \$78,300 (11/1/86-4/30/88).

Krakauer, Henry, "Electronic Structure, Geometry, Equation-of-State, and Structural Transitions of d-band Surfaces and Solids and f-band Metals and Compounds," National Science Foundation, \$81,600; National Science Foundation Office of Advanced Scientific Computing, Supercomputer time (250 hours) equivalent to approximately \$250,000 (12/15/86-5/31/88).

Krakauer, Henry and David Reed, Computer Center, "Connection to NSFnet," National Science Foundation, \$20,000 (4/1/87-9/30/88).

Namkung, Min, "Study of Static and Dynamic Stress Effects on Nonlinear Solids," National Aeronautics and Space Administration, \$15,630 (8/28/86-9/2/87).

Perdrisat, Charles F., Herbert O. Funsten and J. Michael Finn, "Nuclear Physics with Medium Energy Hadronic and Electromagnetic Probes," National Science Foundation, \$175,000 (7/1/87-12/31/88); Small College Faculty Opportunity supplement for Carey E. Stronach, Virginia State University, \$11,846 (3/1/87-12/31/87).

Vahala, George M., "Theoretical Plasma Physics," Department of Energy, \$18,000 (1/1/87-12/31/87).

Venkataraman, Malathy D. and D. Chris Benner, "High Resolution Spectroscopy of Support Atmospheric Measurements," National Aeronautics and Space Administration, \$65,778 (4/1/87-3/31/88).

Welch, Christopher A., "NDE Theoretical and Numerical Modeling," National Aeronautics and Space Administration, \$60,000 (4/30/87-4/29/88).

Winter, Rolf G., "Physics Research Experiences for Undergraduates," National Science Foundation, \$40,000 (6/1/87-11/30/88).

Wu, Meng Chou and Joseph S. Heyman, "Ultrasonic Imaging Research," \$16,500 (6/1/87-5/31/88).

Psychology

Galano, Joseph and John B. Nezelek, "An Evaluation Study of Especially For You Human Sexuality Program," Virginia Department of Mental Health and Mental Retardation, \$15,400 (9/15/86-4/30/87).

Galano, Joseph and John B. Nezelek, "Evalu-

ation Project for Better Beginnings for Virginia's Children," Virginia Department of Mental Health and Mental Retardation, \$3,300 (12/1/86-6/30/87).

Rohrbaugh, Michael J. and Neill P. Watson, "Assistantship in Clinical Psychology," Williamsburg-James City County Public School System, \$5,000 (9/1/86-6/30/87).

Shaver, Kelly G. and Joseph Galano, "Graduate Assistantships in Psychology at Eastern State Hospital," Eastern State Hospital, \$35,000 (7/1/86-6/30/87).

Shaver, Kelly G. and John B. Nezelek; David J. Gosselin, Roy L. Pearson and Robert A. Whitehorne, School of Business Administration; **P. Ronald Grulich,** School of Marine Science; **Richard L. Kiefer,** Department of Chemistry; **John Usher,** Project Director of CEBAF Technology Transfer Grant, "An Entrepreneurship Center at William and Mary," Center for Innovative Technology, \$9,097 (2/1/87-11/30/87).

Sociology

Kreps, Gary A., "Organizing Role Enactment and Emergency Management," National Science Foundation, \$99,874 (9/1/87-2/28/90).

Kreps, Gary A., "Studies of Organization and Disaster," National Science Foundation, \$10,018 (12/30/86-7/31/87).

Theatre and Speech

Muchmore, G. Leslie, "1987 Virginia Shakespeare Festival," James City County, \$2,200 (7/1/86-6/30/87).

Muchmore, G. Leslie, "1987 Virginia Shakespeare Festival," Williamsburg Arts Commission, \$2,500 (7/1/87-6/30/88).

Muchmore, G. Leslie, "1987 Virginia Shakespeare Festival," York County, \$1,250 (7/1/86-6/30/87).

Muchmore, G. Leslie and Richard H. Palmer, "Professional Expansion/Apprentice Program," Virginia Commission for the Arts, \$5,000 (5/1/87-8/31/87).

Muchmore, G. Leslie and Richard H. Palmer, "Tour Directory 1987-88," Virginia Commission for the Arts, \$5,000 (3/1/87-10/31/87).

School of Business Administration

David J. Gosselin, Roy L. Pearson and Robert A. Whitehorne; Richard L. Kiefer, Department of Chemistry; **Kelly G. Shaver and John B. Nezelek,** Department of Psychology; **P. Ronald Grulich,** School of Marine Science; **John Usher,** Project Director of CEBAF Technology Transfer Grant, "An Entrepreneurship Center at William and Mary," Center for Innovative Technology, \$9,097 (2/1/87-11/30/87).

Messmer, Donald J., "A Market Research Study of the Impact of Virginia Welcome Centers," Virginia Division of Tourism, \$19,898 (6/9/87-11/30/87).

School of Education

Adair, Fred L., "Family Counseling Program," Peninsula Area Cooperative Educational Services, \$26,475 (9/1/86-5/31/87).

Gulesian, Mark G., "1987 Eastern Virginia Writing Project," Virginia Foundation for the Humanities and Public Policy, \$30,000 (3/13/87-7/31/88).

Maidment, Robert and Robert J. Hanny, "Manpower Development and Training Service," Virginia Department of Personnel and Training, \$1,710 (5/8/87-5/15/87).

Messier, Louis P. and James M. Patton, "Special Education Institute Planning Grant," Virginia Department of Education, \$5,423 (5/1/87-6/30/87).

Nagle, John M. and Kevin E. Geoffroy, "Elementary School Counseling Program," Newport News Public School Division, \$87,000 (8/16/87-8/15/90).

Prillaman, F. Douglas and Loraine A. Korinek, "Preparation of Special Educators: Master's Degree Program for Training of Teachers of Seriously Emotionally Disturbed Students," Department of Education, \$97,063 (7/1/86-6/30/87), \$98,823 (7/1/87-6/30/88).

Marshall-Wythe School of Law

Butler, Lynda L., "Legal Barriers to Comprehensive Natural Resources Management in Virginia," Virginia Environmental Endowment, \$14,829 (9/1/86-8/31/87).

Levy, John M., "Post-Conviction Legal Assistance Project," Department of Justice, \$4,200 (10/20/86-9/30/87).

Levy, John M. and Lelia B. Hopper, "Juvenile Justice and Delinquency Prevention," Virginia Department of Criminal Justice Services, \$13,131 (7/1/87-6/30/88).

Ott, Judith and Faye E. Shealy, "Indian Education Fellowship Program," Department of Education, \$5,088 (8/25/86-5/12/87).

Rosenberg, Ronald H., "Environmental Law Fellows Program," Virginia Environmental Endowment, \$50,000 (3/1/87-12/31/89).

Rosenberg, Ronald H., "Regionalism and Virginia Land Use Policy," Virginia Environmental Endowment, \$14,436 (9/1/86-8/31/87).

School of Marine Science

Austin, Herbert M. and Mark Chittenden, "Chesapeake Bay Stock Assessment," National Marine Fisheries Service, \$337,724 (7/1/86-6/30/88).

Bender, Michael E., "Analysis of Kepone Samples," Virginia Power Company, \$1,820 (4/15/86-7/31/87).

Bender, Michael E., "Kepone Analysis," State Water Control Board, \$8,250 (7/1/86-6/30/87).

Bender, Michael E., "Sample Analysis," American Petroleum Institute, \$2,883 (8/1/86-8/31/86).

Bender, Michael E., "Sample Analysis from Proposed Dredging Site on the James River Park," \$975 (9/15/86-10/15/86).

Bender, Michael E., "Scotland Wharf Ferry Kepone Analysis," Virginia Department of Highways and Transportation, \$1,409 (5/15/87-8/31/87).

Bender, Michael E., "Sediment Sample Analysis," Maryland Department of Health, \$7,171 (7/1/86-11/30/86).

Bender, Michael E., "Summer Research Aide Program," Virginia Environmental Endowment, \$12,000 (1/1/87-9/30/88).

Bieri, Rudolf, "Pilot Toxics," State Water Control Board, \$213,827 (11/1/86-6/30/88).

Boon, John, "Evaluation of Sediment Dynamics and the Mobility of Heavy Minerals," Virginia Department of Mines, Minerals and Energy, \$23,635 (3/1/87-12/31/88).

Boon, John, "Testing Datasonics Model ASA-920 Sonar Altimeter," U.S. Army Corps of Engineers, \$2,000 (7/10/86-9/8/86).

Chu, Fu-Lin and Beverly Ann Weeks, "Investigation of Acquired Immunity Adaptive Response in the American Oyster," Sea Grant/National Oceanic and Atmospheric Administration, \$35,247 (1/1/87-12/31/87).

Diaz, Robert J., "Equipment Funding for Low Dissolved Oxygen Studies," Sea Grant/National Oceanic and Atmospheric Administration, \$5,590 (5/1/87-12/31/87).

Diaz, Robert J., "Evaluation of Benthic Resources Value of Impounded and Non-Impounded Tidal Creeks/Easerr Shore," Virginia Soil and Water Commission, \$17,000 (12/1/86-6/30/87).

Diaz, Robert J., "Marine Life Sampling," Newport News Shipbuilding, \$6,862 (7/1/86-7/30/86).

Diaz, Robert J. and Linda Schaffner, "Baltimore Channels, Benthic Monitoring," Army Corps of Engineers, \$216,208 (5/17/87-5/17/88).

Diaz, Robert J. and Linda Schaffner, "Fowl River Benthic Profiling," Taxonomic Associates, \$10,800 (5/15/87-12/31/87).

Diaz, Robert J. and Linda Schaffner, "Sediment Profiling, Long Island Sound," Evans and Hamilton, \$18,000 (5/15/87-12/31/87).

DuPaul, William D., "Marine Advisory Services," Sea Grant/National Oceanic and Atmospheric Administration, \$421,006 (1/1/87-12/31/87).

DuPaul, William D., "Sea Scallop Research," Sea Grant/National Oceanic and Atmospheric Administration, \$9,135 (4/1/87-3/31/87).

DuPaul, William D., "Vessel Support Activities for the Mid-Atlantic Seafood Project," \$17,922 (7/1/86-4/1/87).

Ellis, Lehman L., "Cryopreservation of Commercially Important Marine Bivalves Gametes and Larvae," Sea Grant/National Oceanic and Atmospheric Administration, \$29,181 (1/1/87-12/31/87).

Gammisch, Robert, "Side Scan Sonar of Artificial Reef Sites," U.S. Fish and Wildlife Service, \$3,730 (8/8/86-8/8/87).

Grulich, P. Ronald; David L. Gosselin, Roy L. Pearson and Robert A. Whitehorne, School of Business Administration; **Richard L. Kiefer**, Department of Chemistry; **Kelly G. Shaver and John B. Nezelek**, Department of Psychology; **John Usher**, Project Director of CEBAF Technology Transfer Grant, "An Entrepreneurship Center at William and Mary," Center for Innovative Technology, \$9,097 (2/1/87-11/30/87).

Hardaway, Scott, "Joint Commonwealth Programs Addressing Shore Erosion in Virginia," Virginia Soil and Water Commission, \$95,780 (7/1/86-6/30/87).

Hardaway, Scott, "Virginia Breakwater Marsh Study," Virginia Department of Conservation and Historic Resources, \$3,511 (4/1/87-6/30/87).

Hargis, William J., "Fish Pathology Studies," Sea Grant/National Oceanic and Atmospheric Administration, \$18,000 (3/1/87-12/31/87).

Hargis, William J., "Histopathology of Eye Tissues of Indigenous Fish," National Marine Fisheries Service, \$4,500 (8/19/86-10/31/86).

Hargis, William J., "Ulcerative Disease Syndrome Committee," Sea Grant/National Oceanic and Atmospheric Administration, \$735 (5/1/87-12/31/87).

Hershner, Carl and Jim Perry, "Endangered Plant Survey," Virginia Natural Heritage Program, \$1,800 (5/27/87-11/30/88).

Hershner, Carl and Richard L. Wetzel, "Forested Buffer Zones," Virginia Soil and Water Commission, \$32,957 (12/1/86-6/30/87).

Hobbs, Carl H., "Fossilized Oyster Shell, Pocomoke Sound," Virginia Marine Resources Commission, \$33,625 (2/1/87-6/30/87).

Hobbs, Carl H. and R. Berquist, "Offshore Heavy Minerals Investigations," Virginia Department of Mines, Minerals and Energy, \$118,581 (7/1/86-6/30/87).

Huggett, Robert J., "TBT Analysis," Department of the Navy, Weyher/Livesey, \$13,800 (3/15/87-9/30/87).

Huggett, Robert J., "TBT International Conference," Johns Hopkins University, \$10,000 (10/1/86-10/31/86).

Kator, Howard I., "Shellfish Pathogen Indicators," Technion International, Inc., \$31,496 (7/7/86-9/30/87).

Kator, Howard I. and Martha W. Rhodes, "Bacterial Counts in Shellfish Growing Area," National Oceanic and Atmospheric Administration, \$28,650 (10/1/86-9/30/87).

Kimball, Suzette, "Interpersonnel Agreement," Army Corps of Engineers, \$8,536 (4/30/87-4/30/88).

Kimball, Suzette, "Sand Resource Exploration," City of Virginia Beach/Erosion Council, \$51,240 (6/15/87-6/15/88).

Lawrence, Lee F., "The Bay Team," Council on the Environment, \$150,000 (7/1/86-6/30/88).

Lawrence, Lee F., "Marine Science Mentorship Program," Virginia Department of Education, \$4,924 (6/15/87-7/31/87).

Lipcius, R. N., "Ecology of Juvenile Spiny Lobster and Conch at Lee Stocking Island-Bahamas," Caribbean Marine Research Center, \$8,600 (1/1/87-12/31/87).

Lipcius, R. N., "Experimental Ecology of Spiny Lobsters in the Mexican Caribbean," State University of New York, \$12,535 (3/15/87-3/15/89).

Lipcius, R. N., "Interactive and Non-Linear Effects of Predation," National Science Foundation, \$80,936 (4/1/87-9/30/89).

Loesch, Joseph G., "Mark and Recapture Study of Striped Bass in the James River," National Marine Fisheries Service, \$50,380 (5/1/87-4/30/88).

Loesch, Joseph G., James Colvocoresses and William Kriete, "Striped Bass Abundance in Virginia," National Marine Fisheries Service, \$119,568 (8/1/86-7/31/87).

Loesch, Joseph G. and William Kriete, "Assessment of Commercial Fishing Effort in Virginia," National Marine Fisheries Service, \$26,600 (11/1/86-10/31/87).

Loesch, Joseph G. and William Kriete, "Striped Bass Stocking Experiment on the Pamunkey River," U.S. Fish and Wildlife Service, \$27,316 (3/1/87-2/28/88).

Lucy, Jon A., "Catch Trends in Offshore Recreational Fishery," U.S. Fish and Wildlife Service, \$32,265 (8/8/86-8/8/87).

Lucy, Jon A., "Evaluating Catch Data on Artificial Reefs," U.S. Fish and Wildlife Service, \$23,920 (7/29/86-7/29/87).

Lynch, Maurice P., "Cooperative Agreement/Graduate Student," Scientific Environmental Associates, \$9,274 (10/1/86-9/30/87).

MacIntyre, William G., "Sorption, Organic Mixture Components," Air Force Office of Sponsored Research, \$35,000 (6/1/87-5/31/88).

Mann, Roger, "Chuckatuck Creek Survey," Virginia Department of Highways and Transportation, \$3,500 (5/15/87-8/31/87).

Mann, Roger, "Influence of Low Oxygen Tension on Oysters," Sea Grant/National Oceanic and Atmospheric Administration, \$21,999 (9/1/86-12/31/87).

Mason, Patricia, "Inspection of Styrofoam Samples," Huntsman Chemical Corporation, \$1,800 (7/1/86-To Be Announced).

Meehan, Brian W. and Herbert M. Austin, "Stock Identification Using Electrophoretic Analysis," U.S. Fish and Wildlife Service, \$202,805 (7/29/86-11/30/87).

Musick, John A., "Ecology of Sea Turtles in Virginia," Virginia Commission of Game and Inland Fisheries, \$53,000 (7/1/86-6/30/87).

Musick, John A., "Empress Study/Sea Turtle Census," University of Maryland Center for Environmental and Estuarine Studies, \$10,000 (4/25/87-7/31/87).

Musick, John A., "Stock Identification, Flounder Mark and Recapture," U.S. Fish and Wildlife Service, \$104,845 (8/8/86-10/30/87).

Neilson, Bruce J., "Bay Monitoring," Environmental Protection Agency, \$240,114 (10/1/86-11/30/87).

Neilson, Bruce J., "Buffer Zones, Marine Flushing," Virginia Department of Health, \$90,000 (12/1/86-6/30/88).

Neilson, Bruce J., L. D. Wright and R. J. Huggett, "Salt Pond Survey," Southall Development, \$10,000 (6/1/87-12/31/87).

Nichols, Maynard M. and Robert J. Diaz, "Plume Monitoring of Rappahannock and York Spit Channels," Army Corps of Engineers,

\$177,000 (4/7/87-12/31/88).

Norcross, Brenda L. and Herbert M. Austin, "Characterization of the Relationship between Seasonal Wind Regimes and the Recruitment of Croaker and Flounder," Sea Grant/National Oceanic and Atmospheric Administration, \$19,082 (1/1/87-12/31/87).

Orth, Robert J., "Distribution of Sub-Aquatic Vegetation," National Oceanic and Atmospheric Administration, \$6,000 (10/1/86-9/30/87).

Orth, Robert J. and Jacques Van Montfrans, "Value of Shallow Water Habitats for Early Stages of Blue Crab," Sea Grant/National Oceanic and Atmospheric Administration, \$46,326 (1/1/87-12/31/87).

Roberts, Morris H., "TBT Bioassay," Johns Hopkins University, \$50,000 (9/1/86-3/31/87).

Roberts, Morris H. and Robert J. Diaz, "Historical Environmental Survey of Broad Creek, Norfolk, Virginia," MMM Design Corporation, \$10,000 (3/5/87-8/31/87).

Schaffner, Linda, "REMOTS and Trawl Survey, Duck, North Carolina," Army Corps of Engineers, \$12,362 (9/16/86-12/31/86).

Silberhorn, Gene S., "Remote Sensing Analysis of Coastal Wetlands in the Chesapeake Bay Region," Martin Marietta Corporation, \$7,980 (8/8/86-11/7/86).

Theberge, N. Bartlett, "Erosion and Sediment Control Evaluation," Smith, Demer and Norman, Inc., \$4,660 (11/1/86-6/10/87).

Webb, Kenneth L., "Is Phosphorous Removal an Efficient/Effective Chesapeake Bay Management Practice?" National Oceanic and Atmospheric Administration, \$45,000 (10/1/86-9/30/87).

Wetzel, Richard L., "Response and Stability of Eelgrass Communities in Chesapeake Bay," Sea Grant/National Oceanic and Atmospheric Administration, \$22,326 (1/1/87-12/31/87).

Wright, L. D., "Bed Response of Mid-Shoreface to Wind Events," National Science Foundation, \$65,197 (1/15/87-12/31/88).

Wright, L. D. and Betty Salley, "Sediment and Water Sample Analysis," Alpine Seismic Corporation, \$5,849 (5/1/87-7/31/87).

Office of Student Affairs

Hardy, Carroll F. and W. Samuel Sadler, "Student Leadership Development Conference," State Council of Higher Education for Virginia, \$3,000 (1/6/87-6/30/87).

Hardy, Carroll F. and W. Samuel Sadler, "Virginia Student Transition Program," State Council of Higher Education for Virginia, \$50,969 (7/1/87-6/30/88).

Irish, Edward, "College Work Study Program," \$148,886; "Pell Grant Program," \$272,850; "Perkins Loan Program," \$96,745; "Supplemental Educational Opportunity Grants," \$66,366; Department of Education (7/1/87-6/30/88).

Other

Greene, E. Kenneth, Office of the Treasurer, "State Graduate Fellowship Program," State Council of Higher Education for Virginia, \$34,000 (7/1/86-6/30/87).

Holmes, Carolyn C., Ash Lawn-Highland, "Ash Lawn-Highland Summer Festival," Virginia Commission for the Arts, \$4,000 (7/1/87-10/30/87).

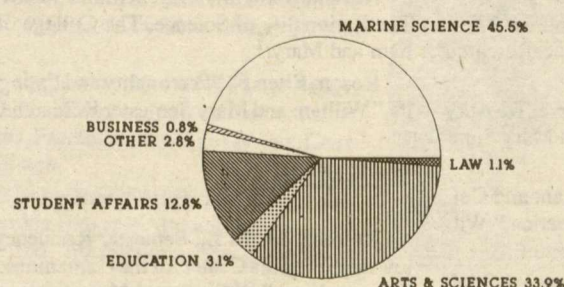
Johnson, Mark M., Muscarelle Museum of Art, "Muscarelle Museum Gallery/Studio Program," Williamsburg Arts Commission, \$3,400 (7/1/87-6/30/88).

Reed, David, Computer Center, and **Henry Krakauer**, Department of Physics, "Connection to NSFnet," National Science Foundation, \$20,000 (4/1/87-9/30/88).

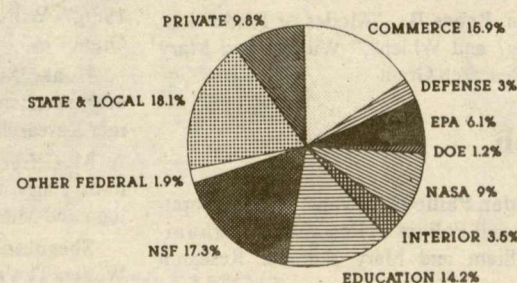
Expenditures for Grants and Contracts 1986-87

Arts and Sciences	\$2,442,420
Business Administration	59,309
Education	219,933
Law	78,723
Marine Science	3,277,842
Student Affairs	918,259
Other (public service, library, museums, business affairs)	203,887
TOTAL	\$7,200,373

Sponsored Programs Expenditures



Sources of Funds 1986-87 Expenditures



Faculty Fellowship Awards

Faculty of Arts and Sciences

Anthropology

Kerns, Virginia, May Seminar Fellowship: The Rationality of Science, The College of William and Mary.

Sutlive, Vinson, Summer Residency Fellowship, Virginia Center for the Humanities.

Biology

Aceto, Henry, Jr., "Response of DU-145 Human Prostate Cells to Radiation and Hyperthermia," William and Mary Summer Research Grant.

Bradley, Eric L., "Body Temperature and Reproductive Inhibition," William and Mary Summer Research Grant.

Fashing, Norman J., "Ecology of Mites Restricted to Water-Filled Treeholes," William and Mary Summer Research Grant.

Terman, C. Richard, "Delayed Puberty in Female Deermice: Factors Influencing Recovery from Reproductive Retardation," William and Mary Summer Research Grant; Travel Grant, National Science Foundation.

Chemistry

Abelt, Christopher J., "Synthesis and Catalytic Properties of *Bis*-cyclodextrins," William and Mary Summer Research Grant.

Djordjevic, Cirila, "Peroxo Complexes of Vanadium and Molybdenum," William and Mary Summer Research Grant.

Jones, Tappey H., "An Investigation of the Exocrine Chemistry of Certain Ants, Opiliniids and Thrips," William and Mary Summer Research Grant.

Keifer, Richard L., Summer Fellowship, National Aeronautics and Space Administration/American Society of Engineering Education.

Knudson, Stephen K., "Semiclassical Analysis of Vibrations in Three Dimensions," William and Mary Summer Research Grant.

Orwoll, Robert A., "Transitions Entropies of Liquid Crystals," William and Mary Summer Research Grant.

Classical Studies

Oakley, John H., Travel Grant, American Council of Learned Societies.

Computer Science

Morell, Larry J., Summer Fellowship, National Aeronautics and Space Administration/American Society for Engineering Education; Travel Grant, National Science Foundation.

Economics

Elliott, Catherine S., Arts and Sciences Course Development Grant, "Competing Theories of Individual Decision-Making," The College of William and Mary.

Finifter, David H., "American Indians: A Less Developed Economy Within the U. S.," William and Mary Summer Research Grant.

Garrett, Martin A., Arts and Science Course Development Grant, "Southern Economic History," The College of William and Mary.

Haulman, Clyde A., May Seminar Fellowship: The Rationality of Science, The College of William and Mary; "Wealth Holding in Southern Cities 1860-1870," William and Mary Summer Research Grant.

Roberts, Bruce B., "Modes of Production: How Many? and Which?," William and Mary Summer Research Grant.

English

Auslander, Philip B., "Avant Gardism, Popular Culture and Politics in Postmodern Performance," William and Mary Summer Research Grant.

Braxton, Joanne M., "Friends: John Greenleaf Whittier (1807-1890)," The Great Poet of Hu-

manity,' and Charlotte L. Forten (1837-1914), Black Woman Writer," William and Mary Summer Research Grant.

Donaldson, Susan V., "Reluctant Visionaries: Stories and Storytellers in Modern Southern Literature and Painting," William and Mary Summer Research Grant.

Fehrenbach, Robert J., "An Analysis of the Bacon Family Library (Folger Ms. L.D. 776)," William and Mary Summer Research Grant.

Hart, Henry W., "The Poetry of Seamus Heaney," William and Mary Summer Research Grant.

MacGowan, Christopher J., "The Collected Poems of William Carlos Williams, Vol. 2, 1939-1962; and a Study of Four of His Poem Sequences," William and Mary Summer Research Grant.

Meyers, Terry, "An Edition of Further Letters by Algernon Charles Swinburne," William and Mary Summer Research Grant; 1987 Summer Stipend, National Endowment for the Humanities.

Taylor, Talbot J., "A Critical Introduction to Linguistic Concepts," William and Mary Summer Research Grant; Semester Residency Fellowship, Virginia Center for the Humanities.

Wiggins, Peter D., Arts and Sciences Course Development Grant, "Self-Deception and Literature," The College of William and Mary.

Wolf, S. George, 1987-88 Fellowship for College Teachers and Independent Scholars, National Endowment for the Humanities.

Fine Arts

Chappell, Miles L., Research Grant, Samuel H. Kress Foundation; "The Drawings of Lodovico Cigoli and the Baroque in Florence," William and Mary Summer Research Grant; Travel to Collections Grant, National Endowment for the Humanities.

Jack, Marlene K., "A Study of Ceramic Objects from France and Italy and the Development of a Series of Contemporary Works-in-Progress," William and Mary Summer Research Grant.

Kornwolf, James D., "Colonial North American Architecture—A Book: The Glorious Revolution and William and Mary—Exhibit and Catalog," William and Mary Summer Research Grant; 1987-88 Canadian Studies Faculty Research Grant, Canadian Embassy/Ambassade du Canada.

Geology

MacDonald, R. Heather, "Diagenesis of the Upper Yorktown Formation Southeastern Virginia," William and Mary Summer Research Grant.

Government

Clemens, Clayton M., "Public Opinion and Foreign Policy in the Federal Republic of China," William and Mary Summer Research Grant.

Dessler, David A., "The Implications of Lakatos' Methodology of Scientific Research Programs for International Relations Theory," William and Mary Summer Research Grant.

Edwards, Jack D., "Adjusting Local Boundaries Through Annexation," William and Mary Summer Research Grant.

Smith, Roger W., "Human Destructiveness and Politics: Essays on Genocide," William and Mary Summer Research Grant.

History

Clark, Peter, 1986-87 Fulbright Travel Award.

Ekirch, A. Roger, 1987-88 Fellowship for College Teachers and Independent Scholars, National Endowment for the Humanities; Summer Residency Fellowship, Virginia Center for the Humanities.

Ewell, Judith J., "Venezuela and the U. S.: Relations Between Caribbean Neighbors, 1770-1986," William and Mary Summer Research Grant.

Hoak, Dale E., "Henry VIII's Secret Treasury at Westminster Palace," William and Mary Summer Research Grant.

McGiffert, Michael H., "Covenant and Culture: Early Modern Britain and America," William and Mary Summer Research Grant.

Sherman, Richard B., "The Case of Odell Waller: The Trials of a Black Sharecropper and of Virginia Justice, 1940-1942," William and Mary Summer Research Grant.

Mathematics

Johnson, Charles R., Travel Grant, North Atlantic Treaty Organization.

Kincaid, Rex K., "The Design of Material Handling Systems for Flexible Manufacturing," William and Mary Summer Research Grant; Travel Grant, National Science Foundation.

Schaefer, Margaret K., "Cyclic Queueing Networks of Repairable Spares," William and Mary Summer Research Grant.

Modern Languages and Literatures

Cox, R. Merritt, "Traveler-Writers In Eighteenth-Century Spain," William and Mary Semester Research Grant.

Greenia, George D., May Seminar Fellowship: The Rationality of Science, The College of William and Mary.

Houle, Martha M., Short-Term Fellow, William Andrews Clark Memorial Library, University of California at Los Angeles; Summer Seminar, National Endowment for the Humanities.

Kelley, E. Morgan, Arts and Sciences Course Development Grant, "Pre-History and Linguistics," The College of William and Mary.

Mather, M. Clare, "The Play of Serge Rezvani Re-viewed: Painterly Theatre from a New Realist Perspective," William and Mary Summer Research Grant; Arts and Sciences Course Development Grant, "Francophone African Theatre," The College of William and Mary.

Monson, Don A., "Andreas Capellanus, Scholasticism, and the Courtly Tradition," William and Mary Summer Research Grant.

Ramazani, Vaheed K., Camargo Grant, Camargo Foundation.

Music

Gutwein, Daniel F., "Computer-Music Composition: Using the Frequency Modulation Algorithm to Create Rhythmic Analogs of Timbre," William and Mary Summer Research Grant.

Philosophy

Cobb, William S., Arts and Sciences Course Development Grant, "Eastern Philosophy," The College of William and Mary.

Harris, James F., May Seminar Fellowship: The Rationality of Science, The College of William and Mary.

Knezevich, Lily, May Seminar Fellowship: The Rationality of Science, The College of William and Mary; Summer Seminar, National Endowment for the Humanities.

Physical Education

Sherman, Carol W., "Choreography and Light Design: An Interactive Collaboration," William and Mary Summer Research Grant.

Physics

Carlson, Carl E., Travel Grant, North Atlantic Treaty Organization.

Delos, John B., Visiting Fellow, Joint Institute for Laboratory Astrophysics in Boulder, Colo.

Krakauer, Henry, "Development of a Linearized-Augmented-Plane-Wave (LAPW) Method for Isolated Clusters and Molecules," William and Mary Summer Research Grant.

Psychology

Galano, Joseph B., "Preventing Unwanted Adolescent Pregnancy," William and Mary Summer Research Grant.

Nezlek, John B., May Seminar Fellowship: The Rationality of Science, The College of William and Mary.

Rosen, Ellen F., "Personality and Eating Habits," William and Mary Summer Research Grant.

Religion

Holmes, David L., Semester Residency Fellowship, Virginia Center for the Humanities; "The Episcopalsians," William and Mary Summer Research Grant; Travel to Collections Grant, National Endowment for the Humanities.

Tabor, James D., "Choosing Death in Greco-

Roman Antiquity," William and Mary Summer Research Grant; May Seminar Fellowship: The Rationality of Science, The College of William and Mary; Travel to Collections Grant, National Endowment for the Humanities.

Tiefel, Hans O., "Issues at the Beginning of Human Life: Conflicting Mathematics," William and Mary Summer Research Grant; May Seminar Fellowship: The Rationality of Science, The College of William and Mary.

Sociology

Kreps, Gary A., "Studies of Organization and Role," William and Mary Summer Research Grant.

Theatre and Speech

McConachie, Bruce A., "American Theatrical Experience and the Growth of Consumer Culture, 1820-1900," William and Mary Summer Research Grant.

School of Business Administration

Brazelton, Julia K., "Equity: The Effects of Tax Reform on Progressivity," William and Mary Summer Research Grant.

McCray, John H., "A General Bayesian Audit Risk Model," William and Mary Summer Research Grant.

Strong, John S., "Trying Affiliations and Antitrust Policy," William and Mary Summer Research Grant.

Wyer, Jean C., "Excellence in Audit Education," Coopers and Lybrand Foundation.

Zaki, Ahmed S., Summer Fellowship, National Aeronautics and Space Administration/American Society of Engineering Education.

School of Education

Galfo, Armand J., "How Do 'Peace Studies' Affect Secondary Pupil Perceptions of the NATO-Warsaw Pact Confrontation: A Study of the West German Experience," William and Mary Summer Research Grant; Travel and Research Grant, Fulbright Kommission, Federal Republic of Germany; Travel and Research Grant, U.S. Institute of Peace.

Garland, William E., Jr., "Common, Everyday Black Life in Hampton, Virginia, 1860-1870," William and Mary Summer Research Grant.

Politano, P. Michael, "Multidimensional Assessment of Loss," William and Mary Summer Research Grant.

Theelin, John R., "Fiction to Fact: The American College Novel as History," William and Mary Summer Research Grant.

Wheeler, Ronald C., "Effects of Attribution Training and Cooperative and Competitive Reward Structures on the Achievement, Achievement Attributions and Attitudes of High and Low Performance Elementary/Middle School Students Engaged in Problem Solving Activities," William and Mary Summer Research Grant; Summer Study Tour to Japan, Mid-Atlantic Regional Japan in the Schools (MARJIS) Program of the United States-Japan Foundation.

Marshall-Wythe School of Law

Barnard, Jayne W., "Corporate Loans to Management: Will the Real Beneficiary Please Stand Up?," William and Mary Summer Research Grant.

Fischer, Emeric, "Who's on First? Banks' Incursions into Insurance and Vice-Versa: Financial Disaster in the Offing?," William and Mary Summer Research Grant.

LaBel, Paul A., "The Uncompensated and Undercompensated Victims of the Intoxicated Driver," William and Mary Summer Research Grant.

Palmer, Robert C., "Oliver Wendell Holmes and Constitutional Rights," William and Mary Summer Research Grant.

Schaefer, Elmer J., "Explaining the Paradox of Blackmail," William and Mary Summer Research Grant.

w s m a k e r s News m a k e r s News

Institute book receives prize from historical association

Tobacco and Slaves: The Development of Southern Cultures in the Chesapeake, 1690-1800, written by Allan Kulikoff and recently published by the Institute of Early American History and Culture (IEAHC) at the College of William and Mary, has won the John H. Dunning Prize for outstanding historical writing in United States history given by the American Historical Association.

The award was presented at the organization's annual meeting Dec. 28 in Washington, D.C.

The prize, which carries a cash award of \$1,000, is offered annually to a young scholar for an outstanding monograph judged on its research accuracy, originality and literary merit.

Kulikoff's *Tobacco and Slaves*, a major reinterpretation of the transformation of Chesapeake society during the 18th century, also received the

Francis Butler Simkins Prize in the fall of 1987. The Simkins Prize is sponsored by Longwood College and is given biennially for a distinguished scholarly first book in southern history.

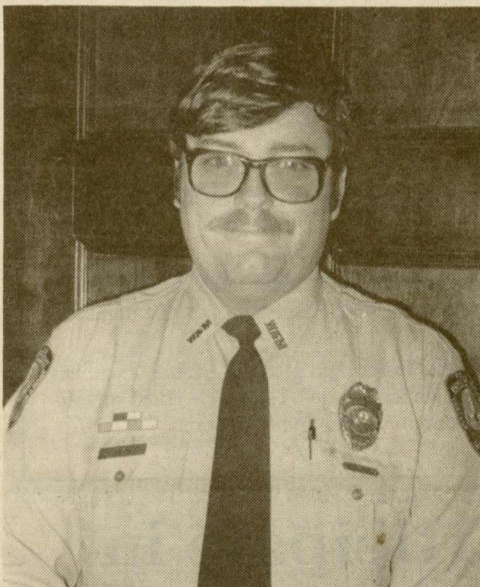
IEAHC, an independent, nonprofit research center and publisher of scholarly work about the early American period, offers nationally competitive postdoctoral fellowships to highly qualified young scholars who are encouraged to transform their dissertations into book-length manuscripts for publication. The institute is sponsored jointly by the College of William and Mary and the Colonial Williamsburg Foundation.

Kulikoff, now an assistant professor at Northern Illinois University, was a postdoctoral fellow in residence at the institute from 1975 to 1977. *Tobacco and Slaves* grew out of his research during his fellowship term.

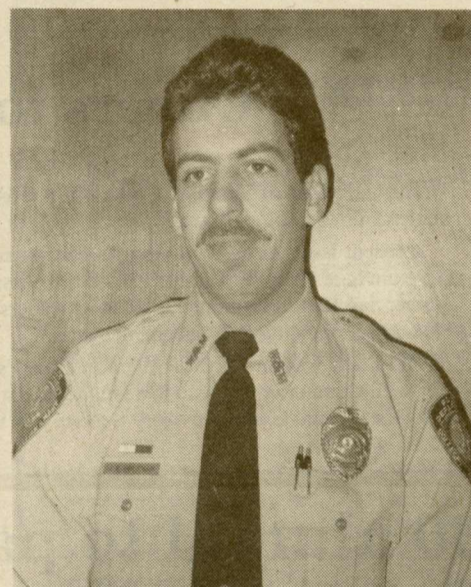


Cooke given achievement award

Phillip R. Cooke (center), president of the Williamsburg, James City, York county Chapter of the NAACP, receives the first annual Community Achievement Award from the College for his efforts promoting equity and diversity. At right, William and Mary President Paul R. Verkuil congratulates Cooke, along with Dale Robinson (l), director of Affirmative Action programs at William and Mary. Cooke received the award at a luncheon Friday, Jan. 15, marking the second annual Dr. Martin Luther King Jr. Celebration at the College.



David Ankney



John Coleman

Police officers receive awards

Two members of the Campus Police have been awarded the Excellent Police Duty medal for actions in the line of duty.

An Awards Board has awarded medals to John Coleman and David Ankney. Coleman was cited for quickly responding to a complaint involving a

mental subject who was armed with a knife.

Ankney was cited for investigative efforts which resulted in the apprehension and conviction of a person responsible for one of the largest thefts in a decade at the College.

Continued from page 4.

Daniel V. Gouge, a vessel captain, developed the manual, *VIMS Guide for Diving Safety*, selected by the American Academy of Underwater Scientists (AAUS) as the model to be used by organizations who apply for membership in AAUS when they prepare their own guides for diving safety. Gouge was invited to present details of his work at the AAUS annual conference in Seattle, Wash.

VIMS scientists were well represented at the ninth biennial International Estuarine Research Conference in New Orleans. The following presented papers:

Pamela A. Mason and Carl Hershner, "Organic Carbon Standing Stocks in a Manmade Brackish Marsh: Goose Creek, Virginia."

Robert J. Huggett, "The History of the Tributytlin issue in Virginia."

David M. Goodrich (NOAA), Jacques van Montfrans and Robert J. Orth, "Blue Crab Megalopal Abundance and Wind-Driven Volume Flux at the Chesapeake Bay Entrance: Implications for Recruitment."

Frances Lee Lawrence, "Marine Education Services for Public Schools."

Mark Luckenbach and Robert J. Diaz, "Predicting Responses of Benthic Communities with Laboratory Data-Mechanistic and Heuristic Aspects."

James G. Hoff and Mark E. Chittenden,

"Live History and Population Dynamics of the Bighead Searobin, *Prionotus tribulus*, in the Northwestern Gulf of Mexico."

K. A. Moore, H. A. Neckles, R. J. Orth and R. L. Wetzel, "Habitat Quality Limits for *Zostera marina* Beds in an Estuarine System."

Jane M. Ledwin, "Sedimentation and Elevation Changes across a Tidal Freshwater Marsh."

Maryann Wohlgemuth and Carl Hershner, "Net Aerial Primary Production Estimates of *Peltandra virginica* (L.) Kunth Using Harvest and Tagging Techniques."

Jacques van Montfrans, Robert J. Orth and Clifford H. Ryer, "A Perspective of Chesapeake Bay Seagrass Bed Utilization by Blue Crabs, *Callinectes sapidus* Rathbun: Mechanisms and Hypotheses."

Clifford H. Ryer, Jacques van Montfrans and Robert J. Orth, "A Perspective on Polyhline Tidal Marsh Creek Use by Blue Crabs: Habitat Value."

David B. Eggleston, "Complex Factor Effects on the Functional Response of Blue Crabs, *Callinectes sapidus*, Feeding on Juvenile Oysters, *Crassostrea virginica*."

Linda C. Schaffner, "An Evaluation of Processes Governing Biogenic Alteration of Estuarine Sediments and Implications for Community Structure."

Eugene J. Olmi III, John C. McGovern, Charles A. Wenner and Elizabeth L. Wenner (SCMRD), "Effects of Impoundment Management for Waterfowl on Habitat Utilization by Fishes and Decapod Crustaceans."

Flowerdew Hundred summer institute to focus on archaeology of expansion

The Flowerdew Hundred Foundation announces it will host a Summer Institute focusing on "The Historical Archaeology of European Expansion, 1550-1700," beginning June 26 and continuing through July 30, 1988. For its Institute, The Flowerdew Hundred, a private non-profit educational organization, has the support of a major grant from the National Endowment for the Humanities.

The five-week program is for college and university faculty and other highly qualified educators throughout the United States. The Institute is designed to enrich teaching through an intensive program of lectures, discussions and field and laboratory work. Participants will explore European expansion in the 16th and 17th centuries from the perspective of historical archaeology. They will also examine the similarities and differences of the colonial efforts of the English, Spanish and French in the eastern United States and the Dutch in South Africa.

The Institute, under the direction of James Deetz, of the University of California, Berkeley, will have a highly qualified faculty of distinguished scholars from institutions across the country. Lectures and seminars will be given by

outstanding scholars such as Ivor Noel Hume of the Colonial Williamsburg Foundation, Richard Ahlborn of the Smithsonian's National Museum of American History, James Axtell of the College of William and Mary, Kathleen Deaga of the University of Florida, Alaric Faulkner of the University of Maine, Carmel Schrire of Rutgers University and Stanley South of the University of South Carolina.

Part of the Institute program will be a series of field trips to destinations having particular relevance to topics covered in the lectures. Residency in an archaeological field camp at Flowerdew Hundred is required and participants will assist in an ongoing program of research. The Foundation has arranged through the University of Virginia's Continuing Education Division to offer graduate credit for the program. Stipends will be awarded. Enrollment will be limited and early application is strongly encouraged.

For more information contact: Robert W. Wharton, Executive Director, Flowerdew Hundred Foundation, 1617 Flowerdew Hundred Road, Hopewell, VA 23860. Or phone 804-541-8897.

Robert W. Middleton, "Seasonal Use of an Intertidal Creek on the York River, Virginia, by Juvenile and Adult Finfish."

Kenneth A. Moore and Richard L. Wetzel,

"Growth Distribution and Metabolism of *Thalassia testudinum* Communities in a Tropical Estuary: Laguna de Terminos, Campeche, Mexico."

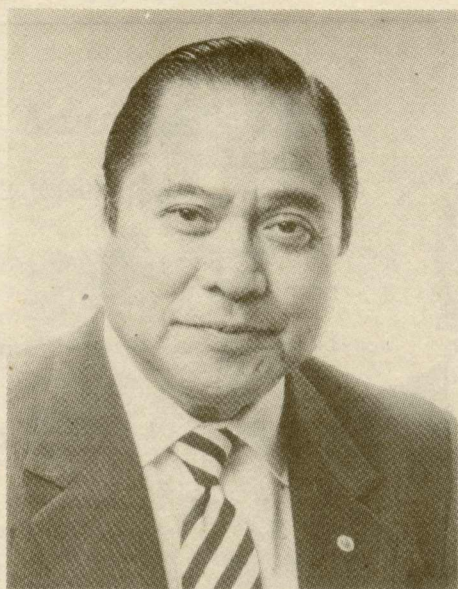


Dedmon retires

Booker Dedmon, custodial worker at VIMS was honored recently at a luncheon on the occasion of his retirement. His wife Ruth looks on. Approximately 65 employees gathered to wish him the very best and to present him with a gold watch and other gifts.

Third annual Benigno Aquino Memorial Lecture

Newspaper publisher to discuss revolution



Alejandro Esclamado

Alejandro Esclamado, an attorney and editor/publisher of the *Philippine News*, the largest Filipino-American newspaper in the United States and Canada, will give the third annual Benigno Aquino Memorial Lecture at 5:30 p.m. Thursday, Jan. 28 in Millington Auditorium. His topic is "The Aquino Revolution and the Philippines."

The public is invited. Admission is free. The program is sponsored by the Department of Anthropology and the Asia and Africa Society.

Esclamado has been widely recognized as a leading spokesperson for the Filipino-American national unity movement and a vocal opponent of the Marcos regime. In 1986 he was one of 80 persons nationwide and the only Filipino to receive the Ellis Island Medal of Honor, an award made in connection with the centennial celebration of the U.S. Statue of Liberty.

A naturalized American citizen, Esclamado is a 1954 graduate of Far Eastern University in Manila with a degree in law. He began his legal career in the Philippines as a public information and rela-

tions officer with the National Resettlement and Rehabilitation Administration, then as legal counsel with Eugenio & Fernando Lopez Enterprises.

In 1959 he became a foreign correspondent for *The Manila Chronicle*, working for the newspaper from San Francisco. In 1961 Esclamado began his own newspaper, the *Philippine News*, which grew to be the most widely distributed, paid, weekly, full-sized Filipino-American publication in the U.S. and Canada. During the Marcos years, the newspaper was the only uncensored Filipino

publication that editorialized vehemently against the regime.

Esclamado has also campaigned vigorously for various Filipino-American issues, serving as national coordinator for the National Filipino American Council (NFAC), an organization formed to unify all Filipino-American organizations and communities, and as a national president the Filipino-American Political Association (FAPA), which promotes greater political participation by Filipino-Americans.

Lears to speak on consumer culture

T. J. Jackson Lears, professor of history at Rutgers University, will speak on "Beyond Veblen: Rethinking Consumer Culture in America" at 4 p.m., Thursday, Jan. 21 in the Dodge Room of Phi Beta Kappa Memorial Hall.

The lecture, which is sponsored by the American studies program, will be followed by a reception.

Lears is one of the leading scholars in American social and intellectual history. He has re-

ceived grants from the Guggenheim and Rockefeller foundations.

His book *No Place of Grace: Antimodernism and the Transformation of American Culture, 1880-1920* was nominated for the National Book Critics Circle Award in General Non-Fiction, 1981. He co-edited *The Culture of Consumption: Critical Essays in American History, 1880-1980* (1983) and has had numerous articles published in scholarly journals.

Australian legal experience is subject of Castles' talk

"Two Hundred Years of American Influence on the Australian Legal Experience" will be the topic of a public lecture by Alex C. Castles, the United States Information Agency-sponsored Australian-American Bicentennial Exchange Visitor at the College of William and Mary, at 4 p.m. Thursday, Feb. 4 at the Marshall-Wythe School of Law, room 120. There is no admission charge.

Castles, a distinguished legal historian and Bonython Professor of Law at the University of Adelaide, South Australia, will examine the effect of the American Revolution on Australia's settlement and development of its legal system.

He will also detail some particular American-Australian relationships. For example, Williamsburg's St. George Tucker, the second law professor at William and Mary, exerted a profound influence on his nephew, the first Chief Justice of New South Wales. In addition, the concept of judicial review, possibly first developed in Virginia, became an integral feature of Australian constitutional law.

A law graduate of the University of Melbourne and the University of Chicago, Castles is former president of Australian Universities Law Schools Association and is the author or co-author of six books on Australian constitutional law and history.

Castles, who will be on campus through mid-

February, is meeting with government classes, faculty and administrators, and conducting research comparing legal systems of colonial Virginia and colonial Australia.

The USIA-supported William and Mary-Australian exchange program involves faculty in government, law and economics who are lecturing, teaching and conducting research on issues relating to the bicentennial of the U.S. Constitution and the bicentennial of Australia's founding.

So far, three professors have made the exchange. In addition to Castles, David Round, senior lecturer in economics at the University of Adelaide, is spending this semester at William and Mary. Round's specialty is federal regulation of trade. Also this semester, Leonard G. Schiffrin, professor of economics, is at the University of Adelaide teaching and conducting research on issues involving federal-state relations.

In July, two more William and Mary faculty, Thad Tate, director of the Institute of Early American History and Culture, and Alan Ward, professor of government, will visit Flinders University in South Australia. Tate will spend six weeks lecturing on the American founding fathers. Ward will teach a course on American foreign policy with particular reference to the U.S. Constitution and will do research on Australian politics and its constitution.

Voter registration drive will be held at Campus Center, Jan. 25

A voter registration drive, sponsored by the Young Democrats, will be held at the Campus Center, Monday, Jan. 25 from 11 a.m. to 4 p.m. Qualified residents of the cities of Williamsburg, Poquoson and Newport News and Charles City, James City, New Kent, Gloucester, King and Queen, Surry and York counties may register to vote at that time and place.

Persons wishing to vote in the presidential

primary March 8 must register by 5 p.m., Saturday, Feb. 6.

For additional information, contact the voter registrar of James City County (room 17, Williamsburg-James City County Courthouse; 229-3355) or the voter registrar of the City of Williamsburg (room 32, Williamsburg-James City County Courthouse; 220-0077).

Constitutional forum videotapes available from Project '87

The League of Women Voters Education Fund has announced the availability of two video presentations on fundamental issues of the U.S. Constitution.

Both are edited versions of forums sponsored by the League and Project '87 in honor of the 1987 bicentennial of the Constitution.

The forum taped in Philadelphia in May considered the question of how judges can and should interpret the original intent of the framers of the Constitution. The October forum in Williamsburg

concerned the concept of separation of powers.

The VHS, color video cassettes are available in 1/2-inch (\$35) and 3/4-inch (\$50) tape. The cost includes a printed discussion guide to assist discussion leaders.

Video cassettes can be ordered from Constitutional Forum, Project '87, 1527 New Hampshire Ave., N.W., Washington, DC 20036 (202-483-2512). Additional discussion guides may be purchased from the League of Women Voters of the United States, 1730 M St., N.W., Washington, DC 20036.

Cheers for careers

The University of Missouri, Columbia, published a national biweekly publication for college students titled *The Job Hunter*.

A recent issue focused on three career planning centers around the country, including the program here. The lead article quoted the mission statement for William and Mary's Office of Career Services and commended it to its readers as encapsulating "the essence of a comprehensive career planning and placement center."

The article went on to cite William and Mary's Career Services program for having "excellent ties with alumni (which) lead to a uniqueness at William and Mary." The article noted specifically the Alumni Career Advisory Service and the Alumni Career Speakers Series.

60 alumni to participate in Career Exploration Day

Career Exploration Day will be held 11 a.m.-2:30 p.m. Saturday, Jan. 30 in Morton Hall. This series of panel presentations and discussions with alumni is sponsored by the Society of the Alumni and the Office of Career Services.

This year, 20 three-member panels have been formed to discuss various careers from the standpoints of opportunities, educational requirements, job placement, etc. The first round of discussions will begin at 11 a.m.; all panels will be repeated at 12:20 and 1:30 p.m.

Panel topics for this year are accounting/financial management, advertising/public relations,

applied mathematics and sciences, arts, banking/investments, business management/consulting, communications, computer science/informations systems, counseling/psychology, education, government/public administration, health sciences, human resources/personnel, international, law, life sciences, marketing/sales, museums, publishing, and social services.

All members of the College community are invited to participate. Persons wishing to obtain additional information or to register in advance should visit the Office of Career Services, Morton 140.

President's House Friends plan seminar

The President's House Friends at the College of William and Mary have planned their annual seminar for March 12 at the College.

The three lectures scheduled focus on the Barraud House in Colonial Williamsburg. J. S. Darling will speak on "The Music of the Barraud House," while Ron Hurst and Mary Wiseman will discuss, respectively, the house's restoration and characterization.

The seminar is open to the public. Tours of the Barraud House and the President's House will be included as part of the day's activities. Cost will be \$35.

For more information, call ext. 4174 or write The President's House Friends, College of William and Mary, Williamsburg, VA 23185.

Review deadline, Feb. 2

Tuesday, Feb. 2 is the last day to submit fiction, non-fiction, poetry and art to the *William and Mary Review*. Bring all materials to the Review office in Trinkle Hall or to the front desk of the Campus Center.

Be humane to lobsters

Looking for a more humane approach to preparing live lobsters and crabs? The Williamsburg area SPCA passes along, as a public service, this hint for seafood lovers.

Place the crustacean in a pot of cool water. Then, slowly heat the water to 40 degrees Centigrade (Fahrenheit 104). This way the water can be brought rapidly to a boil and the lobsters or crabs can then be cooked in the normal amount of time.

The trick to this method is that the crustaceans will slowly lose consciousness when the water is gradually heated to warmer temperatures. They will be totally unconscious by the time the water comes to a boil and will be spared the pain of being boiled alive.

Faculty data bank offered by SREB

The Faculty Data Bank (FDB), a cost-free service of the Southern Regional Education Board, is a registry of persons who have a graduate degree, and are seeking employment in an institution of higher education.

Persons wishing an application form should contact Jennifer C. Friday, associate director for educational opportunity programs, Southern Regional Education Board, 592 10th St., N.W., Atlanta, GA 30318; 404-875-9211.

Classified Advertisements

FOR SALE

1965 Buick LeSabre. \$300 or best offer. Call ext. 4491 (7 a.m. to 4 p.m.) ask for Dave. After 4 p.m. call 220-9188. (2/3)

FOR RENT

4-BR townhouse in Seasons Trace. 2 1/2 baths, DR, LR, foyer, two ceiling fans, central AC and heat, fireplace insert, wall-to-wall carpeting, all appliances including washer/dryer. Two patios, carport with attached storage shed. Extensive recreational facilities. Homeowners association fee paid by owner. Rent \$695. Call 565-1516, days; or 565-0602, after 6 p.m. (2/3)

Female roommate needed for 2-BR apt., 3-1/2 miles from campus. \$205 per month plus 1/2 utilities. Call 565-1662. (2/3)

2-BR apt., upstairs of a house, has private entrance. Near corner of Penniman Rd. at Rt. 143. \$350 per month plus deposit; heat and water included. Available immediately. Call Don at 253-0073 or Michael or Anne at 566-0612 or 220-3405. (2/3?)

4-BR, 2-story house. Near James-York Plaza in York County. \$600 per month plus deposit. Available immediately. Call Don at 253-0073 or Michael or Anne at 566-0612 or 220-3405. (2/3?)

Roommate needed to takeover lease until May for 2-BR, living room, kitchen, bath, fully furnished apartment. Excellent location on campus, next to College Deli. \$200 per month plus electricity. Call Diane (home) 229-3702, (work) ext. 4360. (1/20)

WANTED

Responsible W&M students who would like to be included on Help Unlimited's babysitting list. This list is available for W&M employees, professors and the Williamsburg community. Pay is negotiable. Please call Jeanna at ext. 4129. (2/3)

Math tutor for high school girl taking advanced math

course (text: *Geometry, Trigonometry, Algebra III* by John Saxon). Prefer female math major, Thursdays for one to two hours. Will consider other. Call collect, 829-2582. (2/3)

INSTRUCTION

Piano lessons: Experienced teacher with master's degree from Peabody Conservatory offers piano and music theory lessons for all ages and levels. Reasonable rates — Lafayette Manor location. Call Gayle Pougher, 565-0563, evenings. (2/3)

Guitar lessons: W&M faculty guitarist accepting private students, all styles. Discounts on handmade classic guitars, strings and accessories. Call Tim O'brych, 229-2618. (2/3)

SERVICES

Need a responsible babysitter? Help Unlimited has a list of over two dozen W&M students interested in helping you out and earning a little cash. References are

available upon request. Rates negotiable. Call Jeanna Wilson, ext. 4129, or visit Help Unlimited's office, Trinkle Hall 157. (2/3)

ATTENTION ALL STUDENTS AND FACULTY MEMBERS: Typing, Resume writing, interview counseling and housesitting are available by calling 874-3320. (1/27).

More than Typing! Papers, resumes, mailing lists/labels, letters, reports, dissertations, etc. Done by computer and laser printing. \$1 and up per page. Call Georgia (or leave message) at 220-3134. (2/24)

LOST

1985 College of W&M class ring. Engraved: "BS '85 C.S.R.," lost Wednesday Jan. 13, new campus. \$50 reward. Call Chip at 229-7524 or leave message at ext. 4393. (2/3)

Man's prescription glasses in red leather case; brown frames. Reward. Please call 220-1433. (2/3)

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 the following positions is Jan. 22 unless otherwise indicated.

OFFICE SERVICES ASSISTANT (unclassified) — \$5.90 per hour, part time, 24-35 hours per week depending on the season. No. A005. Location: Registrar's Office.

OFFICE SERVICES ASSISTANT (unclassified) — \$5.90 per hour, part time, approximately 35 hours per week. *This is a temporary appointment that will expire June 30.* No. A006. Location: Admission Office.

OFFICE SERVICES ASSISTANT (unclassified) — \$5.90 per hour, part time, approximately 35 hours per week. No. A007. Location: Swem Library.

LABORATORY SPECIALIST A (Grade 7) — Entry salary \$16,025. *This is a restricted*

appointment with funding that is subject to renewal June 30. No. 185. Location: VIMS

(Oyster Hatchery).

Inclement Weather Policy

Effective immediately, the policy regarding university operations in the event of seriously inclement weather conditions (usually heavy snow or ice) is as follows:

1. As a primarily residential academic institution, the university will remain open under most reasonably foreseeable weather conditions, especially during periods when classes are in session.
2. If weather conditions are such as to make it impossible to maintain a reasonable level of academic activity, the university will be closed. Such announcements will cancel all classes and work obligations for everyone except those personnel identified as essential to maintenance, security and health services.
3. The person charged by the President to make such decisions regarding weather is the Provost. Telephone: 253-4217 (office).
4. The decision to close the university will be given as soon as possible in the morning (if the weather develops overnight) to the Campus Police and to the following radio stations: WCWM-90.7 FM (Williamsburg); WQSF-96.5 FM (Williamsburg); WGH-97.3 FM and 1310 AM (Hampton); WCMS-100.5 FM and 1050 AM (Va. Beach); WHRO-89.5 FM (Norfolk); WWDE-101.3 FM and WPX-1490 AM (Norfolk); WFOG-92.9 FM (Norfolk); WNIS-1350 AM (Norfolk); WNOR-98.7 FM and 1230 AM (Norfolk); WRAP-850 AM (Norfolk); WTAR-790 AM and WLTY-95.7 FM (Norfolk); WRVA-1140 AM (Richmond); WEZS-103.7 FM (Richmond); WDDY-1420 AM (Gloucester). Among television stations reporting closings will be: WAVY-channel 10, WVEC-channel 13, WTKR-channel 3, all in Norfolk; and WWBT-channel 12, WTVR-channel 6, WXEX-channel 8, all in Richmond. If such weather conditions develop during the day, the Campus Police, Employee Relations, Computer Center, Health Services and Building and Grounds offices will be notified.
5. This policy is understood as affecting the Williamsburg campus only. Micro-climate variations and differences in academic functions may occasionally require closure of one or two, but not all three campuses. Such distinctions, if necessary, will be given to the police and the above named radio and television stations and offices.

The following detailed regulations are taken directly from the Commonwealth's "inclement weather policy" and refer to classified employees only, unless otherwise noted.

All Day Closings

- A. Employees absent due to an authorized closing for an entire shift will be paid for such absence. To qualify for such payment, employees must work the scheduled work day before and the scheduled work day after such closing, or work either of such days and be on approved leave with or without pay for the other such work days. Employees absent both of such work days may apply accumulated leave as appropriate to the day of closing if they are otherwise eligible for such leave.
- B. Employees identified by the university as being required to work during such authorized closings shall be referred to as "essential personnel" with respect to this policy. Essential personnel will be credited with compensatory leave for the hours worked during such closing provided they are in occupational classes or positions which are eligible for overtime (non-exempt).
- C. "Essential personnel" required to work in excess of the hours in their normally scheduled shift will be paid overtime for such excess time worked unless compensatory time for those hours can be taken during the same workweek.

Partial Shift Closings

- A. When inclement weather conditions result in authorized changes in the work schedule, such as late openings or early closings, employees will be paid for such authorized absences. To qualify for such payment, employees must work all or part of the work schedule not affected by the authorized change.
- B. "Essential personnel" required to work during such periods of authorized closings will be credited with compensatory leave for hours worked during such periods.
- C. "Essential personnel" required to work additional time will be compensated as provided in C above (All Day Closings).

Closings on Employee's Rest Day

Employees whose scheduled "rest day" falls on a day when their work area is closed will not be credited with compensatory leave.

Transportation Difficulties

When inclement weather conditions create transportation difficulties that result in late arrival of employees to work, such lost time need not be applied to leave balances nor should the employees otherwise experience loss of pay, if in the judgment of the agency head such lost time was justifiable in view of weather conditions.

Hourly Employees

It should be noted that hourly employees may only be compensated for actual hours worked.

Melvyn D. Schiavelli
Provost

Apply now to exhibit crafts

Persons wishing to exhibit crafts in the 1988 annual William and Mary Christmas Craft Show, scheduled for Dec. 2-3, should apply as soon as possible.

All work must be original and made by the exhibitor. New exhibitors must supply photographs or slides of their work with their application. Space fees are \$75 for a 9'-x-9' space.

Applications are available in the administration office of the Campus Center or by sending a SASE to Promotional Activities Art Shows, 6 Conway Road, Newport News, VA 23606. For additional information, call 874-0067 or 220-3613.

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 Wednesday before publication.

Barbara Ball, editor
Publications Office, production
News deadline: Fridays, 5 p.m.

Calendar

Wednesday, Jan. 20

Bookfair, Trinkle Hall, 5-8 p.m.

William and Mary film society, Millington Aud., 7 p.m.

Honors Program Lecture: "The Liberation and Justice in *Oresteia*" by Joel Schwartz, associate professor of government, Tucker 120, 7:30 p.m.

Thursday, Jan. 21

*Town and Gown Luncheon, "United States and Soviet Relations after the Summit" by Michael Cox, associate professor of government, Queens University, Belfast, Northern Ireland, CC ballroom, noon.

Lecture: "Beyond Veblen: Rethinking Consumer Culture in America" by T. J. Jackson Lears, professor of history, Rutgers University, Dodge Room, PBK, 4 p.m.

Bookfair pickup, Trinkle Hall, 5-8 p.m.; 50¢ sale, 9-10 p.m.

Friday, Jan. 22

Physics Colloquium: "Spin Response of Nuclei" by Charles Glasshauser, Rutgers University, Small 109, 4 p.m. (Coffee, Small conference room, 3:30 p.m.)

*Faculty Club party, Alumni House, 5:30-7:30 p.m.

*SA movies, Trinkle Hall

Saturday, Jan. 23

Wren Chapel organ recital, 11 a.m.

*Men's basketball v. UNC-Wilmington, W&M Hall, 7:30 p.m.

Sunday, Jan. 24

Gallery Talk: "William and Mary Faculty Show" by Henry Coleman, associate professor of fine arts, Muscarelle Museum, 2 p.m.

Monday, Jan. 25

Voter Registration Drive, CC, 11 a.m.-4 p.m. Sponsored by Young Democrats

Forum of Williamsburg Special Event—Film: "Koyaanisqatsi," Wmsbg. Regl. Lib., room A, 7 p.m.

Symposium: "Violence and Instability in the Middle East." Speakers: Augustus Richard Norton, U.S. Military Academy, West Point; Monte Palmer, Florida State University; Peter Theroux, author and Saudi specialist; Moderator James A. Bill, Center for International Studies, CC ballroom, 7:30 p.m.

Wednesday, Jan. 27

Bloodmobile, Trinkle Hall

Thursday, Jan. 28

Bloodmobile, Trinkle Hall

*Town and Gown Luncheon, "At the U.N.: National Interests and National Invections" by Robert Fritts, ambassador to U.N. and former W&M diplomat in residence, CC ballroom, noon.

Benigno Aquino Memorial Lecture: "The Aquino Revolution and the Philippines" by Alejandro Esclamado, publisher/editor-in-chief of *Philippine News* and national coordinator of Filipino-American national unity movement, Millington Aud., 5:30 p.m.

Kenan Public Lecture: "Kierkegaard in Context: A Man Out of Season?" by Albert Rabil Jr., SUNY/Old Westbury, Tucker 120, 8 p.m. Reception to follow in Center for Honors and Interdisciplinary Studies

*Sinfonicron Performance, PBK, "The Mikado," 8:15 p.m.

Friday, Jan. 29

Chemistry Seminar: "Nuclear Magnetic Resonance: From Molecules to Man" by Michael F. Summers, chemistry department, University of Maryland-Baltimore County, Rogers 100, 3 p.m. (Coffee, Rogers conference room, 2:30 p.m.)

Exhibitions Opening: "William and Mary Faculty Show," Muscarelle Museum, 5:30-7:30 p.m.

*Sinfonicron Performance: "The Mikado," PBK, 8:15 p.m.



Pianists Cipa and Misha Dichter

Concert Series date changed

Misha and Cipa Dichter to perform here February 4

Because of scheduling difficulties, the concert by pianists Misha and Cipa Dichter on the College of William and Mary Concert Series for Jan. 20 has been changed to Thursday, Feb. 4 at 8:15 p.m. in Phi Beta Kappa Memorial Hall.

A limited number of individual tickets at \$5 each are available for the performance. These may be reserved by calling the William and Mary Concert Series office, ext. 4557. If available, tickets will also be on sale at the PBK box office the evening of performance.

Program for the Feb. 4 concert will include "Fantasy for Clockwork Barrel Organ in F Minor" by Mozart, arranged for two pianos by Ferruccio Busoni; "Variations on a Theme by Haydn, Op. 56B" by Brahms; "Scherzo, Op. 87" by Saint-Saens; "El Salon Mexico" by Aaron Copland, arranged for two pianos by Leonard Bernstein; and "Symphonic Dances, Op. 45" by Rachmaninov.

The Dichters have been appearing together regularly in recital and with major orchestras worldwide since their professional debut in 1972. They are well known to American audiences nationwide through many network television appearances.

In recent seasons they have performed together

in concert and in recital at Carnegie Hall and the Metropolitan Museum in New York, as well as in Chicago, Philadelphia, San Francisco, Baltimore, Denver and Toronto, and at major summer music festivals including Mostly Mozart, the Hollywood Bowl, Aspen and Ravinia. They have also performed in major music centers in Europe.

Since his triumph at the Tchaikovsky International Competition in Moscow in 1966, Misha Dichter has established a career that ranks him as one of today's most highly regarded and popular pianists. He recently completed an extensive recording project of the complete "Hungarian Rhapsodies" by Liszt, a composer whose major works he has been recording over a 10-year period. His recording of Gershwin's "Rhapsody in Blue" has been a best-seller since its release in 1985.

Cipa Dichter, who chose to delay her career until her two sons reached an independent age, now joins Misha more often in duo-piano performances. She made her debut at 16 with the Symphony Orchestra of Brazil. Cipa Dichter was born in Brazil of Polish parents who fled Nazi Germany. Misha Dichter was born in Shanghai, China, and came to the United States when he was two. The couple met when both were students at the Juilliard School of Music.

Gilbert and Sullivan return

Sinfonicron brings 'Mikado' to PBK stage, Jan. 28-31

The Sinfonicron Light Opera Company at the College of William and Mary, a student company composed of members of two music honor societies, Phi Mu Alpha and Delta Omicron, will present Gilbert and Sullivan's "The Mikado," Jan. 28-31 in Phi Beta Kappa Memorial Hall.

Performances will be held nightly at 8:15 p.m., Jan. 28, 29 and 30 and at 2 p.m. Sunday, Jan. 31. Tickets are \$4 and are on sale at the PBK box office. The box office is open from 1 to 6 p.m. daily and also one hour before each performance.

An annual event, the Sinfonicron Light Opera Company show has gained a reputation for lively performances. Each year's success provides seed money for the next year's show. Last year's "Evita" was highly successful. Open auditions are held by Sinfonicron and again this year the cast and crew reflect the wide and continuous support the opera company enjoys.

Director of this year's show is Scott Bailey of Nokesville, Va., a third-year student at the Mar-

shall-Wythe School of Law who was president of Phi Mu Alpha fraternity as an undergraduate.

The title role of the Mikado will also be played by a law student, Drew Dolson of Richmond, Va. Other leading roles in the production will be played by Lori Paschall of Williamsburg as Katsisha; Stephen Utey, a sophomore from Michigan City, Ind., as Koko; and Joseph Webster, a sophomore from Norfolk, Va., as Nanki Poo. The three sisters, Yum Yum, Pitti Sing and Peep Bop, will be played by Lydia York, a freshman from Pennington, N.J.; Carol Moore, a senior from Richmond, Va.; and Melyssa Hall, a freshman from Burke, Va.

Costumes for "The Mikado" are being designed by Theodore Stark, a William and Mary graduate now studying at Juilliard School of Music. He worked with the group as an undergraduate and has assisted with costume design for the past two years for "Evita" and "The Gondoliers." Sets are being designed by Douglas Huszti, a senior from Sweet Briar, Va.

Rodney Williams, an evening of song and dance, CC ballroom, 7 p.m. Sponsored by Black Student Organization and the Office of Minority Affairs.

*SA movies, Trinkle Hall

Saturday, Jan. 30

Career Exploration Day, Morton, 8 a.m.-4 p.m.

Wren Chapel organ recital, 11 a.m.

*Men's basketball v. University of Richmond, W&M Hall, 7:30 p.m.

*Sinfonicron Performance: "The Mikado," PBK, 8:15 p.m.

Sunday, Jan. 31

*Sinfonicron Performance: "The Mikado," PBK, 2 p.m.

Monday, Feb. 1

*Workshop: Comprehensive Curriculum for Gifted Learners, PBK, Dodge Room and Campus Center, 8:30 a.m.-3:30 p.m.

Illustrated Art Lecture by Robert Keyser, Andrews Aud., 8 p.m.

Tuesday, Feb. 2

*Men's basketball v. Virginia-Wesleyan, W&M Hall, 7:30 p.m.

Thursday, Feb. 4

Board of Visitors Meeting (Through Feb. 5)

*Town and Gown Luncheon, "Gyms, Pools, Rinks, Bowling Alleys and Open Doors: The Institutional Church in America, 1880-1960" by David Holmes, professor of religion, CC ballroom, noon.

Lecture: "Two Hundred Years of American Influence on the Australian Legal Experience" by Alex C. Castles, Bonython Professor of Law, University of Adelaide, South Australia, Marshall-Wythe 120, 4 p.m.

*Concert Series: Misha and Cipa Dichter, pianists, PBK, 8:15 p.m. Individual tickets (if seating available), \$5. **Note date change.**

SA Band Night

Friday, Feb. 5

Rededication of Swem Library, 1st floor, east wing, 3 p.m.

Chemistry Seminar: "Thesis Research" by Margaret Ware and Michael Cossettee, graduate students, Rogers 100, 3 p.m. (Coffee, Rogers conference room, 2:30 p.m.)

Saturday, Feb. 6

CHARTER DAY

"Africa Rediscovered: A Celebration of African Culture and Arts," CC, all day; "African Stories told by Harriet Masembe, Children's Amphitheatre, Wmsbg. Regl. Lib., 2:30 p.m. Sponsored by W&M, the Virginia Foundation for Humanities and Public Policy, Wmsbg. Regl. Lib. and Wmsbg-James City County Schools

Wren Chapel organ recital, 11 a.m.

Sunday, Feb. 7

Women's gymnastics: Radford U. and George Washington University, 1 p.m.

* indicates an admission charge.

Exhibits

MUSCARELLE MUSEUM: "William and Mary Faculty Show" (Jan. 23 through March 6) "Paintings by Robert Keyser" (Jan. 30 through March 13)

ANDREWS GALLERY: "Sculpture" by Boston artist Nick Edmonds (Through Feb. 19)

ANDREWS HALL: "Paintings" by Richard LaPresti (Through Feb. 19)

ZOLLINGER MUSEUM: "Treasures of the College of William and Mary Library: An Exhibition Commemorating the Rededication of the Earl Gregg Swem Library" (Feb. 1 through May 16)