

William and Mary News Volume V, Number 23 Tuesday, March 8, 1977

Total funding exceeds \$500,000

Physicists Receive Additional NSF Grant

A group of William and Mary physicists who achieved international recognition several years ago for the first measurement of the magnetic properties of sigma particles and antiprotons will continue their work in this field under a grant to the College of \$180,000 from the National Science Foundation.

Morton Eckhause, John Kane, Robert Siegel and Robert E. Welsh will conduct work under the grant which brings to \$520,000 the amount awarded to this group since 1975.

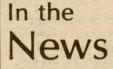
Professor Eckhause and his colleagues are currently performing an experiment on the "proton-antiproton" system, which, according to some theorists, has a bearing on the question of whether there exist in the universe, regions of space filled with antimatter rather than ordinary matter.

The work to be done under the grant concerns research on "Interactions of Muons, Kaons, Antiprotons and Sigma Hyperons." Negative elementary particles, produced at accelerators, are captured by atoms and give off characteristic x-rays. By studying the amounts and the nature of the x-rays, physicists are able to deduce certain properties

of the particles themselves and of the central nuclei.

The actual experiments are performed at the Space Radiation Effects Laboratory at the Virginia Associated Research Campus and at the Brook-haven National Laboratory on Long Island, N.Y. Analysis of the data and preparation for the experiments takes place on the Williamsburg campus.

In addition to paying for equipment and travel, the grant supports four graduate students as well as a research engineer, Bill Vulcan, and computer analyst Jeff Lindemuth. Post-doctoral research associates working with the group are Madhu Pandey and Minick



Books by three faculty authors have been published in recent weeks.

Writer-in-Residence Peter Klappert's new collection of poems, Circular Stairs, Distress in the Mirrors, came out last month in both a hand-set, hand-printed limited edition and a regular hard

In January Klappert published a chapbook of poems Non Sequitur O'Connor, which represents two sections from the manuscript he has been working on over the last six years, "The Idiot Princess of the Last Dynasty: The Apocryphal Monologues of Dr. Matthew

Psychology professor Kelly Shaver's third book *Principles of* Social Psychology has just been published by Winthrop Publishers, Cambridge, Mass. His book is a general introduction to social psychology for under-graduate students. Shaver is currently working on a research methods book, also under contract to Winthrop.

Decorated Firearms, 1540-1870, a book by James D. Lavin of the Department of Modern Languages and Wallace B. Gusler, curator of furniture, at Colonial Williamsburg, has just been released as part of Colonial Williamsburg's Decorative Arts Series to be distributed by the University of Virginia Press. The authors trace the development of firearms decoration from its origin in the sixteenth century, through the formal Parisian designs of the seventeenth and eighteenth, to its decline following the advent of the machine age. The book's release coincides with an exhibit of firearms at the Abbey Aldrich Rockefeller Folk Art Collection. Lavin and Gusler also participated in panel discussions on the subject during the two sessions of Antiques Forum, held recently in Williamsburg.



Stephen Foster

W&M Quarterly Visiting Editor Named For 1977-78

Stephen Foster, associate professor of history at Northern Illinois University, has been named visiting editor of the William and Mary Quarterly for 1977-78. Foster will replace Michael McGiffert, who will be on leave next year to conduct research under a National Endowment for the Humanities fellowship.

Foster, who has been a member of the Northern Illinois faculty since 1966, will also be visiting associate professor in the history department next year.

He is the author of a book entitled Their Solitary Way, The Puritan Social Ethic in the First Century of Settlement in New England," as well as several articles published in the Quarterly and other scholarly journals.

Foster's "Moving to the New World: The Character of Early Massachusetts Immigration," published in the April 1973 Quarterly, won the Quarterly's annual award for the best article of

Professor Foster was selected a Guggenheim Fellow in 1971-72, and he received a Younger Scholar Fellowship from the National Endowment for the Humanities in 1968-69. Yale University, where he received his master's and doctoral degrees, awarded him the Theron R. Field Prize in 1966.

T. Edward Temple Dies In Richmond

Theodore Edward Temple, a 1937 graduate of the College and the current president of Virginia Commonwealth University, died Sunday afternoon from complications arising from a heart attack he suffered Friday.

One of the most respected and successful administrations in the state, Dr. Temple was formerly the city manager of Danville and an aide to two governors. He became president of VCU in May 1975 and immediately began a program to build the university's reputation as an urban intellectual center.

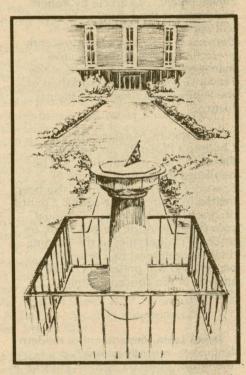
President Graves, who in May 1975 presented Dr. Temple with an honorary doctor of laws degree from the College, said that "in the death of Dr. T. Edward Temple, the College has lost a distinguished and devoted alumnus, the educational community has lost a wise and articulate leader, and the Commonwealth of Virginia has lost one of its first citizens. I shall miss Ed Temple more than I can say, as a close personal friend and colleague.

Dr. Temple was born on a farm in Prince George County. He graduated from the College in 1937 with a double major in biology and political science, and later earned a master's degree in education.

After brief stints as a social science teacher and assistant principal at Hopewell High School, Dr. Temple worked at the Hercules Powder Co. and served as city manager of Hopewell, Spartanburg, S.C., and Danville.

A former member of the Board of Visitors at the College, Dr. Temple served on the Council of Higher Education, State Commission on Higher Education, and the Council on the Environment.

In the citation delivered during the presentation of Dr. Temple's honorary degree, President Graves remarked that no Virginian who has selected a career in government and education "has exhibited a greater dedication and more capable leadership than T. Edward Temple.



COLLEGE SUNDIAL--A bronze replica of the College sundial on a sandstone pedestal stands in the academic mall on the new campus. The restored sundial is currently on exhibit in the Zollinger Museum of Swem Library. Although its origins are unknown, George W. Črawford, professor emeritus of physics, speculates that it may have been made for the College by a student who was studying "dialing." That subject was included in the early 1800's in the course on natural philosophy, or physics in modern

Newsmakers

Louis P. Messier is on leave from the School of Education through January 1978 to serve as project director with the Virginia Department of Education, Special Education Division. He is responsible for developing and implementing a comprehensive state plan to train teachers and school supervisors and administrators to deal effectively with handicapped children.

A comprehensive state plan is mandated by the recently enacted public law 94-142, which directs public schools to provide appropriate education for all handicapped children. Messier will coordinate the ideas of 15 general and special education organizations across the state in developing the inservice education program.

One instructional format under consideration for reaching school personnel is interactive, or two-way, telecommunications, an area to which Messier brings considerable expertise. He serves as a consultant to CENTEX, a non-profit, federally funded corporation organized to develop, in cooperation with the College, a telecommunications plan for special education teacher training programs for the handicapped.

The Council of Planning Librarians has accepted a bibliography entitled, Richard S. Childs: His Contributions to Municipal, County, and State Government, for publication in May. The bibliography, compiled by Alva W. Stewart, associate librarian, consists of selected books, journal articles and pamphlets by Childs as well as works about him. It includes an introduction by Stewart describing Childs' role as the founder of the short ballot movement and the council-manager plan of government.

James D. Kornwolf of the fine arts department recently presented a paper, "For the Love of Nature--English Influence in the American Garden and Landscape, 1890-1914" at the annual meeting of the Society of Architectural Historians and College Art Association in Los Angeles.

"A Faculty-Initiated Plan for Staff Development", an article by **Robert Maidment** of the School of Education, will appear in the March issue of *Curriculum Trends*. Maidment recently presented a session on executive management communications at the Executive Management Workshop of the Peninsula Academy of Criminal Justice.

"Therapeutic Management of Children's Profanity" by Robert B.
Bloom, School of Education, will be published in the August issue of Behavior Disorders. Bloom has also been invited to address the National Council of Teachers of Mathematics' annual convention in April. He will speak on teaching mathematics to the learning disabled, will react to a series of papers, and will present a critical analysis of the concept learning disabled.

James Lavin, department of modern languages, recently completed the introduction on Spanish arms for a new edition of Johan Stockel's Haandskydevaabens Bedommelse (A Consideration of Firearms) originally published in Copenhagen in 1938-43. He has submitted considerable new material and made substantial corrections for a revision of this basic work on gunsmiths' marks, which will be published this year by the Institut Suisse d'Armes Anciennes in Grandson, Switzerland.

Faculty Club Party

The Faculty Club will hold its fourth cocktail party of the year on Friday, March 18, from 5:30 to 7:30 p.m. For a change of pace, the party will be held in the Greenhouse-display area on the top floor of Millington Hall. The greenhouse contains interesting varieties of plants, many of which have a short commentary concerning the species. The display area contains live snakes, turtles, fieldmice, arthropods and aquatic organisms, as well as permanent displays and photographs.

All members of the faculty and administration are invited to attend and may pay at the door or pay in advance to Lewis Foster at the usual rates: members - \$2.50 per person (\$1.50 non-drinkers); non-members - \$4.00 per person (\$2.50 non-drinkers).

David L. Herndon, junior physics major, was co-author of a paper entitled "Neutron Diffraction Studies of Compression in Nitride Ceramics" presented at the annual meeting of the American Physical Society in Chicago in February. The paper dealt with work performed by Herndon while he was in the Undergraduate Research Participation Program at Argonne National Laboratory last fall.

The following papers were also presented at the meeting: "Experimental Determination of the Radiative Muon capture Rate in ⁴⁰Ca," by R.D. Hart, C.R. Cox, G.W. Dodson, M. Eckhause, J.R. Kane, M.S. Pandey, A.M. Rushton, R.T. Siegel, and R.E. Welsh, in the *Bull*.

Am. Phys. Soc. 22, 51 (1977); and "Positive Muon Precession in a Dilute Fe-Al Alloy," by C.E. Stronach, P.A. Barnette (Virginia State); W.J. Kossler, K.G. Petzinger (William and Mary); J.J. Singh (NASA-Langley); A.T. Fiory (Bell Labs); W.F. Lankford (George Mason); K.G. Lynn (Brookhaven National Lab.); W.B. Gauster (Sandia Labs); and D.M. Parkin (LASL), in the Bull. Am. Phys. Soc. 22, 78 (1977)

Law professor Harvey Frank has signed a contract with Prentice-Hall, Inc. for a manuscript on practical solutions to the legal and financial problems of the profitable closely-held

corporation. The book, a desk manual or reference for law students and practitioners, is expected to be delivered to the publishers by the end of the year.

Walter L. Williams, Jr., of the school of law is the author of a paper on "Nonmilitary Strategies and Competition for Power--the Need for Expanded Regulation of Coercion," published in the *Proceedings* of the American Society of International Law. He also recently participated in a panel sponsored by the Peninsula Roundtable in Hampton, speaking on "The CIA--Constitutional Intelligence for America," with former CIA director William Colby as panel chairman.

Stuart Flanagan, of the School of Education, spoke last month at the general session of the Virginia State Department of Education's annual mathematics conference in Roanoke. He addressed the topic: The Teacher and Basic Learning Skills--Has There Been Massive Evasion?

Colin Park, School of Business Administration, conducted a seminar on "Outside [training] resources: Are they for real?", February 25, for the American Society for Training and Development's southeastern Virginia chapter.

Mathematics professor **Richard H. Prosl** has been appointed to a three year term on the Committee on Placement Examinations of the Mathematics Association of America.

Mailing Permit Usage Reviewed

The Business Affairs Office reminds College employees that the Permit 26 is only authorized for bulk mailings of 200 pieces of mail or more.

Offices mailing out single copies of materials bearing the permit, such as catalogues and newspapers, are asked to cross through the permit and make certain that the publication carries a return address. The correct postage will be affixed in the College Post Office.

Private individuals who wish to mail these publications should cross through the permit and affix sufficient postage to cover mailing costs.

23 Faculty Chosen For Summer Research Grants

Twenty three faculty members have been named recipients of 1977 Summer Faculty Research Grants. Award recipients, who will each receive stipends of \$1500, are recommended by the Committee on Faculty Research and approved by the Vice President for Academic Affairs.

Five faculty members have been designated Alumni Fellows. They are: Robert Archibald, economics, for a study of the demand for gasoline during 1972-74; Gilbert H. McArthur, history, on the topic "A Russian Philosophe? N.I. Novikov and the Problems of the Enlightenment in Catherine's Russia;" Theodore R. Reinhart, anthropology, for archeological investigations at the College Creek Site; Elmer J. Schaefer, law, to investigate the judicial use of antitrust theory to decide antitrust cases; and Joseph L. Scott, biology, for "Ultrastructure of Cell Division in the Marine Algae Polysiphonia and Ceramium.

Other award recipients, their fields, and the topics they will study are as follows: Donald L. Ball, English, Daniel Defoe's Development as a Novelist in his Early Puritan Conduct Writings; William D. Barnes, fine arts, Experimentation in Composite Drawing: Traditional Graphic Media Combined with the Photograph; Eunice Belgum, philosophy, Theory and Practice: Aristotle on Akrasia; Robert E. L. Black, biology, Ultrastructure and Biochemistry of Encystment and Dormancy in Lower Animals; Craig N. Canning, history, Japanese Imperialism in China during World War I, and Howard M. Fraser, modern languages, Decadentism, Diaz Rodriguez, and A.

Also, Joanne B. Funigiello, modern languages, and Philip J. Funigiello, history, who will share a stipend for their study of E.U.R., 1939-42: Fascist Ideology, Architecture and Town Planning; James F. Harris, philosophy, Abduction and the New Riddle of Induction; Deborah G. Hartley, psy-

chology, Picture-word Interference Effects; Thomas L. Heacox, English, "States of Being," a book of poetry; and Marlene K. Jack, fine arts, The Use of Oil Reduction and Colored Glazes as a Development of Raku Firing Technique.

Also, Shirley G. Roby, dance, Choreographic Work: Mixed Media; James B. Savage, English, Milton and Allegory: Book IX of *Paradise Lost*; Bruce Southard, English, Noah Webster: A New Perspective; Jonathan G. Strauss, economics, Import Functions in Grenada; and John H. Willis, English, T.S. Eliot and the Auden Generation.

Management Training Courses Set

Several short courses and workshops on improving management skills are being offered for state employees this spring by the Commonwealth's Management Development Training Service (MDTS). Interested employees may apply for the courses by submitting a request in writing to their department heads, who will then forward the request to the College Personnel Office. Tuition fees, normally \$30, and other costs must be horne by the amployee's department.

normally \$30, and other costs must be borne by the employee's department. The MDTS "Styles of Managing with People" series is designed to assist individuals in developing an effective management style that suits their personality and work situation. Discussions on motivation, theories of leadership, organizational communication, organizational behavior, decision making, and employee development lead to the development of a personal action plan in "Styles I." "Styles II" and "Styles III" provide more in depth discussions of these topics and assist with evaluation and refinement of personal action plans.

Course titles, dates offered, eligibility requirements and application deadlines are as follows. Each will be taught in Richmond.

Styles of Managing with People I, March 21-23, deadline March 7; May 2-4, deadline April 8; and May 31-June 2, deadline May 17; for supervisors at all levels.

Styles of Managing with People II, April 21-22, deadline April 7, requires completion of Styles of Managing with People I.

Styles of Managing with People III, May 5-6, deadline April 21, completion of Styles of Managing with People II.

Job Analysis and Classification in the State System, March 24-25 deadline

March 10, for administrators and personnel officers.

Employee Selection, March 30-31, deadline March 16; and May 25-26, deadline May 11; for supervisors involved in employee selection.

Performance Appraisal, May 11-12, deadline April 27; and June 1-2, deadline May 18, for supervisors required to complete service ratings.

Time Management, April 14-15, deadline March 31; May 19-20, deadline May 5; for supervisors at all levels.

Grievance Handling, March 17, deadline March 10; April 1, deadline March 25; April 4, deadline May 28; May 6, deadline April 29, and May 13, deadline May 6; for supervisors at all levels.

'Hungry' Managers Need Self-Development Programs

What causes young ambitious executives making good salaries to become disenchanted, to lose their motivation, and finally to quit their jobs?

The primary reason may be that the firm isn't providing the proper environment for self-development that enables young and "hungry" executives to go as far and as fast as their abilities will take them.

The answer to this age-old management problem of training and developing the talents of business executives may be "Management Braining"--the catchy title and subject of an innovative new book by Colin Park, a professor in the School of Business Administration

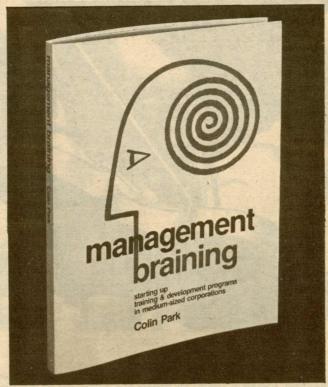
Park says most companies today don't invest what they should in training and development programs, even though he says it's "a pay now or pay later" proposition. If a corporation fails to initiate a training program now, it may find itself "short of management talent down the road," warns Park.

"Management Braining" concentrates on true-to-

"Management Braining" concentrates on true-tolife training and development problems and offers detailed working plans for starting or improving an ongoing program. Park also reflects on his 30 years of experience in establishing management and graduate education programs by laying down a basic credo for training and development. Primarily, he insists that "all development is self-development--to learn and to grow in ability is primarily the responsibility of the individual."

Yet Park says it's the company's responsibility to provide an environment which encourages people "to take advantage of every opportunity to develop themselves." This means providing educational activities and related working experiences which support each other.

Continuing education in business, says Park, offers a different and possibly greater challenge than graduate academic studies. "While it's a learning process which must be fitting for the individual, it must also be appropriate for his company, and those with whom he works," says Park. "A company cannot



Business Professor Colin Park's innovative new book focuses on management development programs.

carry out its policies and strategies unless the personal objectives of a majority of its people also are realized."

One of the key people in any training and development program is the corporation president, who Park says should be actively and visibly involved. "That means spending the time to talk to individuals taking an active part-the participants, the instructors, the counselors--in order to learn first hand whether or

not the programs are accomplishing intended objectives."

An important principle involved in setting up a workable program is what Park calls "tailor-making." With senior members of the management team, for example, it's important to deal with their "personal and professional needs" with a great deal of "tact and understanding." It might not be advisable to suggest broad training programs obviously designed for younger less experienced managers, but it would be equally disruptive to exclude them entirely from proposed training programs. In many cases, Park suggests that older managers are best suited to take part in only the programs concerning their specialties.

As simple as they may sound, training and development programs are complex and expensive. Park says a detailed action plan describing the steps involved in creating, utilizing and evaluating an effective program is essential. More than \$100 billion is spent annually by industry and government in the United States on training and development--about the same amount that's spent for kindergarten-to-mortarboard education.

Park insists that if it's run effectively, a comprehensive training and development program is still a bargain. "Anticipating the time when today's middle managers will move into senior responsibility, well-conceived T&D programs can pay off handsomely," says Park. Too many modern corporations, particularly in an age of ever-changing technologies, find that "when you need well-trained executives to take over top management roles, they're just not going to be ready."

Park was a partner in the national accounting firm of Haskins and Sells, and formerly directed an executive development program at the University of Buffalo. He received his doctorate from the University of Chicago and is co-author of the book "Working Capital," an analysis of management planning and control.

Development Office Grant Opportunities

NATIONAL SCIENCE FOUNDATION

Science Information Program - The Division of Science Information is requesting proposals on innovations in scientific and technical communication processes. These include: (1) Information Science - fundamental research; development of theoretical bases for new systems; development of performance measures; and applications of advanced communication technologies; (2) Access Improvement--applied research on ways of getting newly discovered information into the public record; of providing access to the public record; and of identifying, obtaining and using information; (3) User Requirements--applied research on conditions affecting use of scientific and technical information; on impact of organizational policies for use of scientific information; on information requirements of various user groups; on development of curricula and training materials for using information resources; and on development of user-responsive and cost-effective information services; and (4) Management Studies in Coordination--research on economic and structural characteristics of the scientific information enterprise, national issues affecting scientific communication, and the economics of information transfer; analyses required for improving coordination among public and private scientific information with other countries. Within each of these priorities a wide variety of projects are supported, including conceptual and theoretical studies, field surveys, and experimental tests of alternatives to conventional information transfer

Formal proposals for DSI projects may be submitted at any time of year, but NSF recommends that an informal inquiry first be sent to the appropriate program (corresponding to the four areas listed above). Guidelines for submitting proposals are available from Julia B. Leverenz, Grants Office, Ext. 4391.

NATIONAL ENDOWMENT FOR THE HUMANITIES

Pilot Grants - The purpose of a Pilot Grant is to allow an institution to test a new set of humanities courses before making a substantial commitment to the new program in terms of staffing and allocation of other resources. Grants may support workshops for faculty to engage in the final planning of course content, released time for faculty to teach the new courses, and hiring consultants to evaluate the new program. Information is available from Julia B. Leverenz, Grants Office, Ext. 4391. Deadline: April 15.

Youthgrants Program - To encourage ventures similar to those conducted by more experienced professionals. Proposed projects may concern the design or execution of an education program (of either a formal and institutional or informal and public nature); humanistic research or study of a specific problem (including historical, philosophical or literary analysis designed to place a current problem or issue into a wider perspective); or other activities (either traditional or experimental) aimed at applying humanistic knowledge or disseminating it through film, exhibitions, public presentations and other media. Further information is available from Julia B. Leverenz, Grants Office, Ext. 4391. Deadline: April 15.

Translation Grants - Grants to translate major works of historical and/or cultural importance into English. The purpose of this program is to make available annotated translations which will contribute to an understanding of the historical and intellectual values of other cultures. For further information contact Dr. Susan Mango, Division of Research Grants, NEH, Washington, D.C. telephone 202/382-5857. Deadline: April 1.

VIRGINIA COMMISSION OF THE ARTS AND HUMANITIES

Arts Expansion Grants - Proposals may include the creation of new works, performances, exhibitions, demonstrations, workshops, readings and other presentations or participatory experiences in the fields of architecture, crafts, dance, folk arts, literature, museum work, music, public media, theatre and visual arts. For further information, guidelines and application forms, call Julia B. Leverenz, Grants Office, Ext. 4391. Deadline: April 15.

NATIONAL INSTITUTE OF MENTAL HEALTH

Small Grants Research Program - Grants for faculty members or students who have limited research training or experience and who do not have regular research grant resources available for the support of preliminary research exploration. Small grants may be used to develop and test a new technique or method; to exploit an unexpected research opportunity; to analyze data previously collected; or to carry out exploratory or pilot studies. The maximum dollar support for research projects is \$6,000. For further information write: Dr. Stephanie Stolz, Chief, Small Grants Research Section, NIMH, 5600 Fishers

Lane, Rockville, Md. 20852, telephone 303/443-4337. Deadline: April 14.

ENVIRONMENTAL PROTECTION AGENCY

Studies of Selected Water Pollutants - In-depth studies on health and environmental impacts of selected water pollutants to provide information in: aquatic toxicity, both acute and chronic; bio-concentration and bioaccumulation; and persistence, degradability, absorption properties, solubilities and similar data as needed. Write: E.P.A., Headquarters Contract Operations, Negotiated Procurement Section (PM-214C), Crystal Mall #2, Room 701, Washington, D.C. 20460.

NATIONAL INSTITUTE OF EDUCATION

The Education Finance and Productivity Center - The project will involve nine tasks: (1) Development of conceptual framework(s) for the understanding of education finance and productivity; (2) Summary of the current knowledge base in education finance and productivity; (3) Develop a long-term research agenda in education finance and productivity; (4) Plan for improving measurement and methodology in education finance and productivity; (5) Complete selected research and/or policy studies; (6) Plan for disseminating research findings and for interacting with national experts in education finance and productivity; (7) Plan for providing training for graduate students in research as it relates to issues of finance and productivity; (8) Plan for involving visiting scholars; (9) Management and organization plans for implementing the Center. Contact: National Institute of Education, Contracts/Grants Management Division, Room 721, 1832 M Street, N ton, D.C. 20208, ATTN: Ms. Reddick, telephone (202) 254-5080. Deadline: March 30.

THE SOCIAL AND REHABILITATION SERVICE

Training Grants for Child Welfare - Grants available to train personnel in the field of Child Welfare, including (1) Educational Program and Resource Development and Improvement; (2) Student Financial Support; and (3) Short term training grants to increase the competence of personnel currently employed in this field. For more information contact Julia B. Leverenz, Grants Office, Ext. 4391. Deadline: May 1.

Calendar

To schedule an event, contact the Campus Center Office, Ext. 235 or 236. When a special program is planned for a meeting on campus, the William and Mary News welcomes further information about speakers, discussion topics, tickets and other details. Contact the News Office, 308 Old Rogers Hall, Ext. 331 or 371.

MARCH 8-13

No events scheduled.

MONDAY, MARCH 14

Classes Resume, 8 a.m. Free University, Photography, Millington 117, 6 p.m.

Science Fiction Club, CC Room D, 7

MBA Wives Club, Graduate Student

Center, 7 p.m. W&M Christian Science Lecture: "Have You Found Yourself?" by lecturer William Henry Alton, CSB, Botetourt Theatre, 7 p.m. Public invited.

S.A. Committee Meeting, Swem G-1, 8:30 p.m. Badminton Club, Adair Gym, 9 p.m.

TUESDAY, MARCH 15

Pre-registration: All undergraduates may pick up materials for fall registration, Andrews Hall, 8:30 a.m. 4:30 p.m.

Residence Hall Life, CC Room D, 10:30

Day Students Meeting, Sit 'n Bull Room, 11 a.m.

Economics Lecture: "Comparative Study of the Fiscal Systems of New Hampshire and Vermont," Colin D. and Rosemary G. Campbell of Dartmouth College, Morton 220, 2:15 p.m. Reception to follow in Economics Library. Open to public.

Seminar: "Antigenic Properties of the Sodium-Potassium Pump: Antibodies as Molecular Tools to Induce Kinetic Changes," Dr. Richard Lauf of Duke University, sponsored by the Biology Honorary Society, Millington 117, 4

Interhall Meeting, CC Theatre, 4 p.m. S.A. Committee Meeting, CC Gold Room, 6 p.m.

S.A. Senate, CC Theatre, 7 p.m. OD Study Break, OD 1st Floor Lounge, 10:30 p.m.

WEDNESDAY, MARCH 16

Placement Interviews: Social Security Administration. By appointment. **Educational Placement: Gloucester** County Public Schools, Morton 104, 9 a.m. to 3 p.m. By appointment. Faculty Luncheon Group, CC Room D, 12 noon

Residence Hall Life, CC Room C, 12 noon.

Tennis (w) vs Yale, Adair Courts, 1

Film: "Claude Monet," Andrews Hall, Room 201, 3:55 p.m.

Episcopal Choral Evensong, Wren

Chapel, 5 p.m. Glee Club, CC Green Room, 6 p.m. Circle K, Circle K House, South Boundary Street, 7 p.m.

Chemistry Club Meeting, New Rogers 109, 7 p.m.

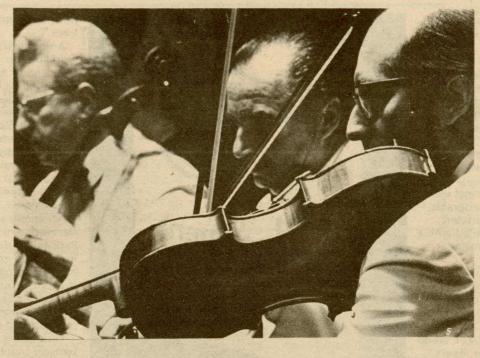
Residence Hall Life, Andrews 101, 7

S.A. Committee Meeting, Swem G-3, 7 p.m.

Spanish House "Tertulias," History professor Judith Ewell will speak on Venezuela, Spanish House Lobby, Botetourt Unit 9, 7:30 p.m.

THURSDAY, MARCH 17

Placement Interviews: Gulf Oil Corporation. By appointment. Educational Placement: Quantico Dependents School, Morton 104, 10 a.m. to 1 p.m. By appointment. Circle K, CC Green Room, 2:30 p.m. BSA, CC Room C, 4 p.m.



PERFORMANCE TO CONCLUDE 1976-77 CONCERT SERIES--An eleven string chamber orchestra from Yugoslavia, I Solisti di Zagreb, will perform both classical and contemporary works in a concert on Thursday, March 17, at 8:15 p.m. in Phi Beta Kappa Memorial Hall. Tickets are available in advance at the front desk of the Campus Center on Jamestown Road for \$4. Tickets will also be sold preceding the concert at the Phi Beta Kappa box office.

History Lecture: "Photographing Medieval Countryside From the Air," Fredric Cheyette, professor of history at Amherst, Botetourt Theatre, 4 p.m.

Panhellenic Council, CC Gold Room, 7

Fellowship of Christian Athletes, CC Green Room, 7:30 p.m.

Lecture/Demonstration: Calligraphy by Geronimo Chang, Asia House, 7:30

Concert Series: I Solisti Di Zagreb chamber orchestra, PBK Auditorium 8:15 p.m.

FRIDAY, MARCH 18

Placement Interviews: Leggett Department Stores; American Heart Association. By appointment.

Lacrosse (w) vs Mary Washington, Barksdale Field, 3:30 p.m.

SBA, Graduate Student Center, 3:30

Physics Colloquium: A.T. Fiori of Bell Telephone laboratories will discuss 'Applications of Muon Spin Rotation Spectroscopy in the Study of Solids," 109 Small Hall, 4:30 p.m. Coffee in the conference room at 4 p.m.

Faculty Club Party, greenhouse display area, Millington Hall, 5:30-7:30

S.A. Film Series: "Royal Flash" and "Lies My Father Told Me," W&M Hall, 7:30 p.m.

SATURDAY, MARCH 19

Glee Club, CC Green Room, 2 p.m. Botetourt Chamber Singers, Wren Chapel, 2 p.m.

Language House Film: "The Blood of a Poet" (French), German House Lobby, Botetourt Unit 5, 7:30 p.m. Public invited.

German Folk Dancing, German House LODDY, 9 p.m.

Spring Dance, "Junius Cobb and Passage," sponsored by the Senior class, semi-formal, mixers provided, \$3 per couple. Open to the College community. W&M Hall, 9 p.m.

SUNDAY, MARCH 20

Sunday Series Recital: Mari-Elizabeth Morgen, piano, CC Ballroom, 4 p.m. International Folk Dance, CC Ballroom, 7:30 p.m.

Poetry Reading, sponsored by English Department, Botetourt Theatre, 7:45

Exhibits

W&M STUDENT ART SHOW, Andrews Hall Gallery and Foyer, March 21-April 8, 10 a.m. to 4 p.m. weekdays.

RECENT WORKS by Virginia Artists and Works on Paper, Andrews Upper and Lower Foyers, Feb. 28-March 16, 10 a.m. to 4 p.m., weekdays.

Religious

CATHOLIC STUDENT ASSOCIATION --

Lenten Activities 13 - Mass Only, St. Bede's, 5:30 p.m. 14 - CARE Class, St. Bede's, 7:30-9:00 p.m.

15 - Mass/Confessions, Wren Chapel,

16 - Evening Prayer, Wren Chapel, 7:30 p.m.

BAPTIST--Smith Memorial Baptist Church provides bus transportation for students for Sunday School at 9:45 a.m., and worship services at 11 a.m. and 7:45 p.m. each Sunday. For information, call 229-2998.

CATHOLIC--Mass, Tuesdays, Wren Chapel, 7 p.m.; Sundays, 5:30 p.m., St. Bede's Parish Center, supper following, \$1. Communal Prayer Service, Wednesdays, Wren Chapel, 7:30 p.m.

CHRISTIAN SCIENCE organization, Thursdays, Campus Center Green Room, 4:30 p.m.

EPISCOPAL HOLY Communion, Thursdays, Wren Chapel, 5:30 p.m. EPISCOPAL--St. Martin's Episcopal

Church provides transportation for students to attend the 10 a.m. Sunday services. Call 229-1100 week-

EPISCOPAL--Candelit Evensong, Sundays, 5:30, at Bruton Parish Church. Service is followed by a Canterbury Dinner, 6:30 p.m., at the Bruton Parish House, Duke of Gloucester St. Admission to dinner is \$1.25.

HILLEL SHABBOT Services, Fridays, Temple Beth El, 6:30 and 7:30 p.m. MORMONS Student Association, Wed-

nesday, CC Room D, 8:30 p.m. UNITARIAN FELLOWSHIP, Wesley Foundation Center, Jamestown Road, Sundays, 11:05 a.m.

W&M CHRISTIAN FELLOWSHIP--Fridays, Campus Center Sit 'n Bull Room 6 p.m.

Classifieds

RCA 18" B&W TV, excellent reception in Wmsbg on rabbit ears only, \$55; GE 4-speed automatic portable stereo w/solid-state amp, 2 speakers, new stylus, \$35. Two together for \$75. Call 229-7646 after 6 p.m. (3/8)

2 VW TIRES mounted on rims, good tread. \$30. Call Bill at 229-3270. (3/8)

STEREO w/phonograph, 8-track player, AM-FM radio, 18"x9-1/2" speakers. Marlin MPX-700C. In moderate use for 2 yrs. Good condition. Call Mark Osborne at Ext. 4538.

OLIVETTI portable typewriter, \$50, good cond. seldom used. Call 229-1323. (3/15) HOUSE TRAILER, 12 x 44 ft. w/screened-in porch, A/C, wall-to-wall carpet, washer/ dryer, shed. \$2000. Call 220-0671 weekends.

SOFA and matching chair, good cond., \$125 or best offer. Call 220-1553 after 5 p.m.

HOUSE in Kingswood area. 3 BR, 2 bath on approx. 1 acre wooded lot. Mid fifties. Call 229-5514 after 6 p.m. (3/15)

75 SUZUKI GT 185, excellent cond. electric starter, front disc brake, 3,200 mi. excellent gas mileage. \$550. Call Scott at Ext. 4201. (3/15)

GRUMMAN 17 ft. aluminum canoe, excellent cond., lists for \$350 new, will sell for \$275, or for \$300 w/motor mount, paddles, and car top carrier bars. Call 229-8189. (3/15) KRISTIANSAND HOME, 2-story colonial on

quiet street, 4 BR, 2 1/2 baths, fireplace in den, patio, garage, C/A, w/w carpet, refrigerator, dishwasher, self-cleaning oven and many other extras, \$45,000. Call owner

564-9533. (3/22) FURNACE MOTORS, used only 2 mo., less than half price, 1/8 H.P. Emerson oil burner motor, 1/3 H.P. Emerson blower motor. Call John Drew 229-9596 after 5 p.m. (3/22)

FOR RENT

APARTMENT--furnished, for woman, first flor private entrance, 2 blocks from campus, kitchen, bath, all utilities included. Call 229-2556. (3/8)

2 BR, Stratford Hall Apt. for 1 or 2 people. Furnished, \$240 mo., available immediately. Call 499-3513 collect in afternoons. (3/15)

FURNISHED BEDROOM w/private bath; share kitchen and LR, A/C, washer/dryer. 2 mi. from campus. \$100 per mo. (utilities included). Call Jim at 229-5683 after 8 p.m.

3 BR furnished townhouse in Seasons Trace, \$305 per mo., available June '77-Aug. '78. Call 220-0150. (3/22)

FURNISHED, 4-BR house in Kingswood, LR, DR, FR w/fireplace, large wooded lot. Acad. yr. 77-78, \$350/mo. plus utilities. Call 229-7317 after 5 p.m.

WANTED

HOUSE, minimum 2 BR, for June 1 -August 14, 1977. Call Hans von Baeyer at 229-0228 after 5 p.m. (3/15) ROOM--Grad. student seeks room to rent

from early June to June 20. Call 229-5559 or write Pam Byam, 307 Criag Hall, U.N.C., Chapel Hill, N.C. 27514. (3/15)

BASEMENT or attic studio/apt. by area actor/artist. Must be spacious and cheap. Call Granville at 229-5104 and leave message. (3/22)

FOUND

WATCH, earrings, glove, found in Morton 220 on Feb. 22. Identify in Morton 110. (3/15) CAT, yellow male, approx. 1 yr. old, near old campus. Call 220-0761 after 5 p.m. or 253-4289. (3/22)

Published weekly by the Office of Information Services during the academic year, except when the College is in recess, and

twice each month in June, July and August. Marjorie N. Healy, editor Karen V. Campbell, calendar and classifieds

Publications Office, production News, photographs and advertisements should be sent to the News Office, 308 Old

Rogers Hall. The deadline for all submissions is Wednesday at 5 p.m. for publication the following Tuesday.