

W&M News

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MONDAY, JUNE 14, 1976

Zollinger Gift of \$400,000 Sets Brisk Campaign Pace

The national chairman of the newly launched Campaign for the College has given the campaign its first big boost by pledging endowment gifts of more than \$400,000 to the College.

J. Edward Zollinger '27 announced the gift as his initial contribution to the three-year \$19 million campaign, which was begun May 14. He also announced he will make annual contributions of \$10,000 a year to William and Mary for its use in current operations.

The Campaign for the College's goal includes \$10 million in new endowment resources, \$5 million in testamentary gifts to endowment, and \$4 million over three years in giving for current operations. Zollinger's commitments are for all three parts of the campaign goal. His annual giving will be divided equally between the William and Mary Fund and the Athletic Educational Foundation.

By dividing his gift among all three areas of the Campaign, Zollinger said he hopes "to encourage others to do likewise." Zollinger termed the response to the campaign thus far "encouraging," and he said that several local alumni had already "indicated good strong support" for the Campaign.

President Graves said that Zollinger's announcement "is further evidence of the enormous affection that Ed Zollinger has for his alma mater. His past generosity has made possible the Zollinger Museum in the Swem Library and the Zollinger Professorship in the School of Business Administration. This new commitment sets a leadership pattern for the Campaign for the College which I know Ed will ask others to follow."

Zollinger has been a major donor to William and Mary for more than 16 years.

Exhibit Pays Bicentennial Tribute

"America Through the Eyes of German Immigrant Painters," a documentary exhibition of reproductions of 18th and 19th century paintings compiled by

the Goethe Institute of Boston is currently on display here through June 30.

The exhibition is on display in Andrews Hall, Monday through

Friday, from 10 a.m. to 5 p.m. and is open to the public without charge.

It is a Bicentennial tribute to the contributions to the American art heritage that have been made by German-born artists.

Rather than being considered German, Leutze's picture of Washington Crossing the Delaware, Nast's political cartoons and Leydendecker's dashing collegiate types for Arrow shirts are now considered pure Americana.

The exhibition on campus is the only showing planned in Virginia. Some 36 artists are represented in the show.

With Gift from Anheuser-Busch Trust

Tennis Facilities Due For Expansion

Tennis enthusiasts at the College have come to expect heavy competition in vying for use of William and Mary's limited court facilities. A \$150,000 gift to the Campaign for the College by the Anheuser-Busch Charitable Trust should help to alleviate the situation.

August A. Busch III, president and chief executive officer of Anheuser-Busch, Inc., and President Graves made the joint announcement of the gift on Saturday.

President Graves said that the gift will be used to expand the present tennis facilities of six outdoor courts, which serve more than 6,000 students. President Graves said it was not yet possible to determine how much of an expansion the \$150,000 gift will allow.

He said the gift is "additional evidence of the continuing interest in, and support of, the College by Anheuser-Busch. We appreciate more than we can say, the continuing and close cooperative relationships which have evolved in the last several years."

Anheuser-Busch has supported programs in the School of Business Administration. The company's president is a member of the School of Business Administration Sponsors. Moreover, the company now employs more than 400 William and

Mary students in its Williamsburg operations, thus assisting them to finance their studies, Mr. Graves noted.

He said College officials are working with physical education and athletic staffs, and the Governor's Office, in order to make plans for expanding the tennis facilities.

With an enrollment now more than triple that of the late 1940s, William and Mary currently has one-third as many courts as it did in postwar years. Construction of new academic buildings during the 1960s and this decade has led to destruction of the older courts. The existing six courts were built in 1970 with a legislative appropriation.

Use of the existing courts has been, for several years, on a tight schedule to enable men's and women's teams to practice, to allow tennis classes to work out, and to permit their use for inter-collegiate and intramural matches.

The lack of adequate facilities has forced coaches to reduce the size of varsity teams. Last year, for example, the women's tennis team had 45 members at the start of the season but the number was curtailed to 18 for lack of enough practice space. Because of the limited facilities, the courts have seen heavy night use by students and others in the college community.



A passing student is silhouetted against the sky in this view from the Botetourt Gallery at Swem Library.

Enrollment Up As New Summer Session Begins

Interest in Summer Sessions courses appears to be growing. Enrollment is up considerably this summer over first session registrations in previous years, reports Summer Sessions Director Paul Clem. Some 1500 students have already registered by mail, and Clem expects to register several hundred more in the "walk-through" registration today in Blow Gymnasium, from 9 a.m. to 3 p.m. Over 240 courses are being offered this year, up slightly from last year.

Instituting the registration by mail process for the summer sessions courses, which is new this year, has caused few administrative problems and has been particularly welcomed by students. The new system avoids the "frustrating, bewildering 'arena' registration" for students, as well as helps Clem in his planning decisions, he pointed out.

Orientation Program Tonight

An orientation program for all students new to the College will be held tonight, June 14, at 7 p.m. Participants will meet on the steps of the Campus Center on Jamestown Road. The program includes a bus tour of

the campus and an informal session in Rooms A and B of the Campus Center, where refreshments will be served.

Students are encouraged to pick up copies of the student handbook, available in 208 James Blair Hall.

Classes Begin Today

Classes for the first session begin today and continue through July 16. All classes will meet on Monday, July 5.

Second session classes begin July 19 and continue through August 20. Graduation will be held August 21.

Course Changes

Students may change courses before the fourth scheduled class day (Thursday, June 17), with the approval of the director of the summer sessions. No such changes will be approved after the second class meeting of courses of less than a five week duration.

All students who make any course changes (drop or withdrawal) are advised to consult the 1976 Summer Sessions Catalog, pages 13-15, for time deadlines and grade status.

Second Term Applications

Students enrolling in the second term only must file their applications by Thursday, July 1. Registration for these students will be held in the Summer Sessions Office, 111 James Blair Hall, on Monday, July 19, the first day of classes for the second session.

Campus Activities

Information on campus activities, the College calendar and announcements of special interest to summer sessions students will be printed in the *William and Mary News*, issued this summer on June 29, July 13 and 27, and August 10 and 24. Copies of the *News* are available at the Campus Center, Swem Library, College News Office (308 Old Rogers Hall), Campus Post Office, Summer Sessions Office and James Blair Switchboard.

Meal Plan Options

The Commons dining hall offers five-day and seven-day board plans, in addition to a la carte meals. The fees are \$117.50 per five-week semester for the seven-day plan; \$100 for the five-day plan. Tickets may be purchased at the Commons office.

Public Eyes Jefferson Artifacts

The National Gallery of Art in Washington opened its major Bicentennial exhibit, "The Eye of Jefferson," this month, honoring one of William and Mary's most illustrious alumni.

The exhibit, which includes several items on loan from the College, will be open to the public until September 6. The section of the exhibition catalogue dealing with 18th century Virginia paintings was written by Thomas Thorne, professor of Fine Arts emeritus.

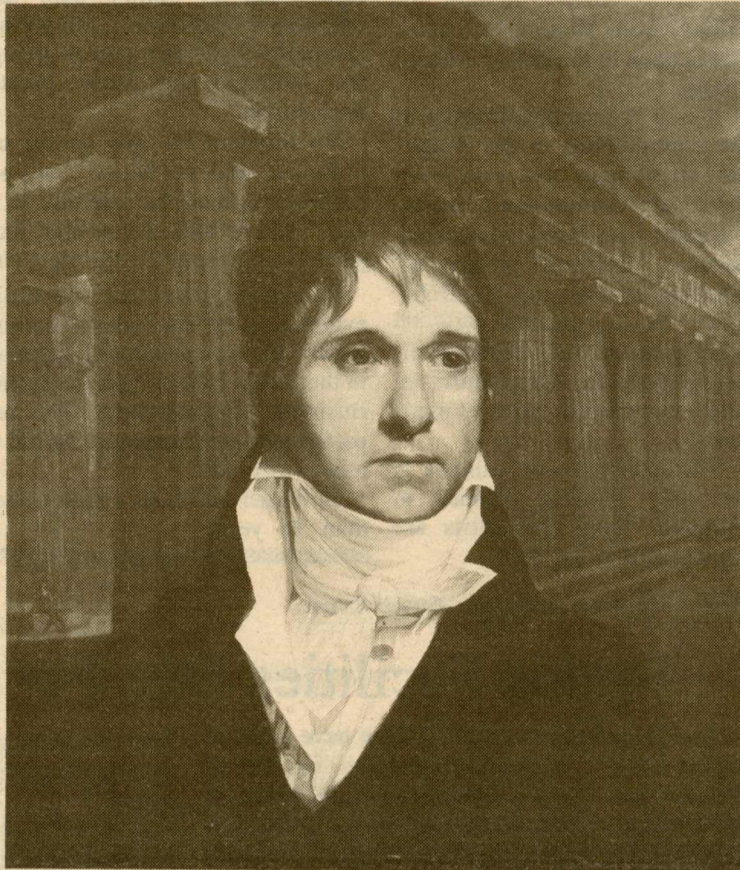
Among the items loaned by the College is the Rembrandt Peale portrait of William Short (1759-1849) one of the 50 founders of Phi Beta Kappa and private secretary to Jefferson while in Paris. Also on loan are facsimile of the Frenchman's Map, the original of which is kept in Swem Library; a portrait of John Page, Jr. (1744-1808), an alumnus and Governor of Virginia, by Wollston; two pieces of ecclesiastical silver, a paten and cup and cover; and a copy of the Bodleian plate of a topiary garden. The entire exhibit includes books, furniture, sculpture, painting and designs assembled from collections both here and abroad that mirror the complex interests of Jefferson.

Thomas Jefferson attended the College from 1760-62 and after-

wards remained in Williamsburg to study law under George Wythe, later first professor of law at the College, and one of the famous jurists for whom the Marshall-Wythe School of Law is named.

An eighteenth-century style fireworks spectacle and French music of the period, played by

the National Gallery Orchestra, were part of the gala opening program held Tuesday evening, June 1. President and Mrs. Thomas A. Graves, Jr., were in Washington for the opening and were guests of Mr. and Mrs. Paul Nellon for a banquet that evening, held in connection with the exhibition opening.



The Rembrandt Peale portrait of William Short is among several items on loan to the "Eye of Jefferson" exhibit.

Program Explains Cancer Exams

A campus women's group is beginning a campaign against cancer.

On Thursday, June 17 in the Campus Center, a representative from the American Cancer Society will present a program on breast and vaginal cancer. The program will include a film and instructions for self-examination and begins at 7:30 p.m.

Plans for a free pap test clinic to be held in the Williamsburg area will also be discussed.

"Common Glory" Makes Uncommon Offer

Summer School students will be able to purchase reduced admission tickets for performances during the first week of the 1976 Bicentennial production of "The Common Glory".

Upon presentation of a valid receipt of registration, students may purchase tickets for performances from Monday, June 21, to Saturday, June 26, for \$1.

The regular adult reserved seat price is \$4.50.

"The Common Glory" is Paul Green's famous historical outdoor drama about Thomas Jefferson and the writing of the Declaration of Independence, and the role of Virginia in the American Revolution.

Because of its historic and timely theme, "The Common Glory" has been designated as Virginia's official bicentennial outdoor drama by the Virginia Independence Bicentennial Commission.

This is the 28th season that the show has been produced.

Several William and Mary students will appear in this year's production.

Kent Thompson, a 1976 graduate, will portray the leading role of Jefferson. Thompson was a theatre major, well known for his leading roles in the William and Mary Theatre productions. He is also the recipient of the Drapers' Company scholarship for graduate study in England.

Sophomore Curry Worsham will play both George Washington and Peter Pelham, the Williamsburg patriot. Granville Scott, a rising sophomore, will play the Loyalist William Byrd.

Two recent graduates, Carol Roig and Frank Hankey, are the understudies.

Five members of 'The Glory' choir are from William and

Tyler Kin Donates Portrait

A special portrait of Lyon G. Tyler, president of William and Mary for three decades and a major force in rebuilding the College after the disastrous Civil War era, has been given to the College by Tyler's granddaughter.

Mrs. Nancy Wilson Mann of Virginia Beach painted the large oil portrait of her grandfather from memory and a photo. President Tyler is portrayed in academic robes about 1912-14, holding a copy of his book, "Jamestown, the Cradle of the Republic." In the background is the suggestion of the three ships at Jamestown.

Son of U.S. President John Tyler, Lyon Gardiner Tyler became president of William and Mary in 1888 and served 31 years until his retirement in 1919.

To revive the College in the wake of the Civil War, Tyler

began by persuading the General Assembly in 1888 to appropriate \$10,000 for the College to train men to serve in the state's public schools. The College was limited by straitened finances to a small but able teaching staff which by 1891 included President Tyler and six others, affectionately called "The Seven Wise Men." Tyler taught "moral science."

President Tyler edited the first number of the William and Mary College Quarterly Historical Papers. This, now the oldest Southern historical magazine still in existence, was published as a private venture by President Tyler until 1919. Published today by the Institute of Early American History and Culture, the Quarterly is the leading magazine of early American history with subscribers throughout the nation and in 32 foreign countries.

Outdoor Summer Concerts Planned By Band School

Students in the Summer Band School will again present for the public a series of outdoor concerts in front of the Sir Christopher Wren Building.

The stately old building, a national landmark and the oldest academic building in use in the United States, provides a unique setting for the young musicians from high schools throughout Virginia and several other states who will present Bicentennial

concerts as part of their instructional program.

Six concerts will be given this year. There is no admission charge. The first will be given June 25 at 6:30 p.m. Other concert dates are as follows: June 27, 2:15 p.m.; July 2, 6:30 p.m.; July 9, 6:30 p.m.; July 11, 2:15 p.m.; July 16, 6:30 p.m. In the event of rain concerts on July 2 and 16, will be held in Blow gymnasium. In the event of rain on other concert dates, the performance will be cancelled.

This is the twenty-fourth Summer Band school and will again be under the supervision of Charles R. Varner, band director.

Enrollment in the two divisions of the school for senior and junior high school students is expected to be 500. The William and Mary band school, when it began in 1953, was unique in the state, but now several other schools are offering similar programs.

The senior division will open June 20 for two weeks. The Junior division, also for two, begins July 4.

Special Events Slated During Summer Months

A number of events and exhibits have been scheduled on campus for the summer months, and students and College employees are invited to take advantage of them.

Summer Band School will run from June 20 until July 17, under the direction of Charles Varner. Band school students will present a number of concerts. Check the William and Mary News Calendar for time and place. There is no admission charge.

Performances of "The Common Glory," Virginia's bicentennial outdoor drama, will be presented nightly, except Sundays, at the Lake Matoaka Amphitheatre. Performances continue through August 21. In the event of rain, production will be moved to Phi Beta Kappa Hall.

General informational literature about the College is available at the visitor information center in Room 100 of the Wren Building. An exhibit of antique surveying instruments is also on display in the center.

Buried treasures from more than 20 locations throughout the state are on display at an archaeological exhibit by the Virginia Center for Archaeological Research in the basement of the Wren Building. The exhibit is open free of charge Monday through Fridays from 9 a.m. - 5 p.m. Enter by the north door facing Richmond Road.

Concert Series

The William and Mary Concert Series has started its drive for patrons for the 1976-77 season.

Brochures have gone out to members of the campus community who subscribed last year, and requests are being taken from new subscribers. For the past two years the series has been fully subscribed, and last year a waiting list was maintained until after all returning students had received the series information.

Tickets are \$10 for William and Mary staff, students and faculty, \$15 for the general public. Tickets will be mailed to subscribers on or about September 15.

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Marjorie N. Healy, editor
Karen G. Detwiler, calendar and classifieds

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

Calendar items should be sent to Ken Smith, keeper of the College Calendar, at the Campus Center.

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

NSF Funds Physics Study, Computer Package Project

Director of Clinical Law Program Among New Faculty Members

The National Science Foundation recently awarded the College several grants for scientific projects.

The physics department has received a \$30,000 grant over a two year period to support research on theoretical studies of chemical reactions involving excited electronic states. Principal investigator for the project is John B. Delos. Delos and his students are developing mathematical models and computer simulations of atomic and molecular collision processes. The largest portion of the grant will support graduate and undergraduate student assistants.

An \$8,000 NSF grant to the mathematics department establishes a Linpack test site at the College. Principal investigator of the project, William G. Poole, explained that a group of 20-30 mathematicians and computer scientists are participating in the project, which is under the auspices of the Argonne National Laboratory near Chicago. About ten universities across the country are involved in developing, testing and certifying a package of computer programs for solving linear mathematical problems. Once the project is

completed, in two to three years, the package will be distributed to computer centers around the world. Linpack (linear package) is one of half a dozen such computer packages in various stages of development, Poole explained.

A third grant, for \$2,500, has been awarded the Chemistry department for a conference on reaction mechanisms to be held on campus in late June 1976. Arrangements for the conference are under the direction of Melvyn D. Schiavelli.

Special Education Programs Receive Support From BEH

The Special Education programs at the School of Education have been awarded a \$40,000 grant by the Department of Health, Education and Welfare's Bureau of the Educationally Handicapped (BEH).

The grant, which will be administered by Robert B. Bloom, coordinator of the School's Division of Special Education, will be primarily applied to graduate fellowships for special education students. The BEH has given grant sup-

port to the special education programs on campus for nearly a decade.

For the first time this year, some of the funds have been earmarked for advanced graduate degree candidates. This fall marks the inception of the new special education concentration in the advanced certificate and doctoral programs in educational administration, and three advanced graduate students will receive fellowships.

Levy, who is president of the Virginia Legal Aid Association, has directed the Neighborhood Legal Aid Society in Richmond since 1972. Previously, he served as deputy general counsel and as a Reginald Heber Smith Fellow at the Legal Aid Society of Roanoke Valley. He holds a B.A. from New York University and J.D. from Syracuse University School of Law. His appointment is effective July 1.

Stanton F. Hoegerman has been named assistant professor of biology. Since 1972 Hoegerman has been assistant biologist at the Argonne National Laboratory, Ill., conducting research in human radiation genetics. He has taught at Lincoln University, Pennsylvania, and held a National Science Foundation Graduate Fellowship, 1966-70. He holds a B.S. from Cornell University and M.S. and Ph.D. degrees from North Carolina State University.

Robert E. Noonan has been appointed associate professor of mathematics. He is currently assistant professor in the department of computer science at the University of Maryland, where he has taught since 1971.

Noonan holds an undergraduate degree from Providence College and graduate degrees from Purdue University.

Business Administrator

James R. Haltiner, who is currently assistant professor at the Colgate Darden Graduate School of Business Administration, University of Virginia, has been appointed assistant professor of business administration. He received bachelor, master's and doctorate degrees in business administration from the University of Virginia, and has taught at the McIntire School of Commerce at the University of Virginia, as well as the Darden School.

Echos From The Past

The College Archives has many extra copies of the *Colonial Echo* from 1936 to 1971. They are available to any office or person who would like them. If you are interested, please contact Kay Domine, College Archivist, Swem Library, Ext. 405. Not all years are available.

Says New Report From Business Research Bureau

Local Economy Shows Dynamic Growth

Business trends in the Williamsburg-James City County area compare favorably with those of the State and Nation, and in many cases, they reflect substantially higher rates of growth, according to an analysis issued by the Bureau of Business Research at the College.

Charles L. Quittmeyer, dean of the School of Business Administration; Leland E. Traywick, director of the Bureau of Business Research; and Thomas H. Finch, Jr., an MBA student from Annandale, Va., met the press last week to explain details of the new report issued by the Bureau entitled "Business Trends, 1950-1980."

Data for the report was compiled by Finch under the supervision of Traywick.

Various business and economic indicators were analyzed to determine business trends in the Williamsburg-James City County area over the past twenty-year period and to project economic growth until 1980.

Population, employment, personal income, bank deposits and debits, retail sales, selected services trades, building permits, tourist visitations and accommodations, and new car registrations were among the areas researched by Finch.

Part of the continuing careful monitoring of business by the Bureau, the report, pointed out Dean Quittmeyer, will be of significant help to new businesses contemplating locations in this area. The Bureau of Business Research issues a monthly report on the state of the economy in Virginia, monitoring 17 key areas within the state.

• Population - The division of State Planning and Community Affairs estimates that by 1980, James City County will boast a population of 25,000. The city of Williamsburg will have 10,500 inhabitants.

• Employment - The principal sources of employment are services trades, government, and



Finch and Traywick discuss new report

the wholesale and retail trades. Nonagricultural employment in Williamsburg-James City County has increased an average of 4.3 percent per year since 1960. As of 1974, the number employed in the area totaled over 14,000.

• Total personal income - Total personal income in the area grew from \$32 million in 1960 to \$105 million in 1972 -- an average annual growth rate of 10.4 percent, which compares favorably with the state's growth rate of 9.1 percent. The 1976 median family income for the City is estimated at \$13,945; for JCC, \$12,550. The 1976 total personal income is estimated to be \$157 million. If the average 10.5 percent annual growth rate continues, total personal income for the area will be near a quarter of a billion dollars by 1980.

• Bank deposits-debits - Bank debits, which indicate commercial activity have increased 427.7 percent since 1963 in Williamsburg, an

average annual growth rate of 14.9 percent. Bank deposits, an important measure of economic growth, reflecting both personal and commercial money flows, increased nearly five-fold in 1961-1975. They should reach \$138 million for Williamsburg and JCC by 1980, and \$243 million by 1985. Debits will total \$1.4 billion by 1980.

• Retail sales - These amounted to \$161 million for the area in 1975 and are projected to total \$214 million by 1980; \$284 million by 1985.

• Dollar receipts from selected service trades - The selected services trades include consumer services such as transportation, lodging, personal grooming services, recreation, repair services, etc. The dollar receipts from these increased at an average rate of 10.9 percent since 1958 in Williamsburg and James City County. By 1980 the receipts are expected to amount to over \$74 million.

• Building permits - Building permits have been growing at a greater rate in the Williamsburg-James City County area than for the State as a whole in recent years. James City County offers the greater potential for future growth. Its development will be the key for economic expansion in the area, as growth within the city will be limited by the current near saturation of land use within the five square mile area.

• Visitor accommodations - Tourism is the single, largest commercial activity in the area. In 1950 motels rooms amounted to only 472. In 1975 the actual number had risen to 4,652. If the present growth rate continues, by 1980 the area will have approximately 7,350 motel accommodations.

• New car registrations - In 1967 they numbered 1056 for Williamsburg-James City County. The prediction for 1980 is 1,361.

Faculty/Staff News

DEVELOPMENT OFFICE

Leonard A. Meyer, director of annual giving, has been chosen program chairman for the southeastern District III CASE (Council for the Advancement and Support of Education) conference to be held in March 1977 in Orlando, Fla. A member of the board for District III, Meyer recently returned from a planning session for the conference, held in Atlanta. Some 400 member institutions comprise District III.

At the national CASE conference in Washington, D.C., in July, Meyer will be one of three panelists from across the nation who will discuss annual giving programs.

ECONOMICS

The critical issue of land use and economic growth was the subject **Martin Garrett** discussed when he delivered the opening address for a Land Issues and Problems Seminar, May 27, coordinated by the Cooperative Extension Service of Virginia Polytechnic Institute and State University and sponsored by the State Agency for Title I. His address was entitled "Complements, Conflicts, and Trade-Offs of Land Use and Economic Growth: A Continuing Problem of Critical Choices."

ENGLISH

David C. Jenkins' critique of the poetry of A.R. Ammons has been included in the current volume of the *Contemporary Literary Criticism* reference series published by Gale Research Co., Detroit, Mich.

Official Memorandum

From: Personnel Office
To: College Employees
Subject: Overtime Provisions of The Fair Labor Standards Act

The Fair Labor Standards Act sets a 40-hour standard as the work-week for overtime purposes. The 40-hour work-week must be established during a consecutive seven-day period. This period is established at the College of William and Mary as Sunday through Saturday.

Under the provisions of the Act, certain employees defined as administrative, executive, or professional are "exempt" from the overtime requirements of the Act. In order to be exempt, a *minimum* weekly salary test of \$155 must be met in addition to other criteria.

All non-exempt employees must be paid for the hours worked in excess of the 40-hour work-week at one and one-half times their regular rate of pay. Under the Act, compensatory time off may *not* be granted to non-exempt employees in lieu of overtime payments for hours worked beyond 40 in a given work-week. Non-exempt employees include all employees classified as clerks, clerk-typists, clerk-stenographers, trades and maintenance personnel, and many others.

Department heads should be familiar with positions under their supervision which fall into the exempt or non-exempt categories. Any questions in this regard should be directed to the College Personnel Office.

There are no funds budgeted specifically for overtime payments. Accordingly, each individual in a supervisory position should eliminate the necessity for a non-exempt employee to work more than 40 hours in a seven-day period.

If, in order to meet a deadline, a non-exempt employee is required to work in excess of 40 hours per week, the *contemplated overtime must be approved in advance* by the Assistant to the Vice-President for Business Affairs. Again, it is emphasized that there are no funds in our budget for overtime payments. Therefore, no overtime will be approved unless the proposed work is of a most urgent nature, and unless it cannot be accomplished by some other method.

FINE ARTS

Miles Chappell discusses the attribution of a drawing and the fresco decoration of a chapel by the Late Mannerist painter in Rome, Giovanni Battista Ricci, in the spring issue of the Southeastern College Art Conference Review.

MATHEMATICS

Norman E. Gibbs spoke on "Bandwidth and Profile Reduction Algorithms" in the University of Pittsburgh's Computer Science Colloquium Series, April 23, in Pittsburgh. He also consulted with university faculty members on the undergraduate computer science curriculum.

PHILOSOPHY

Alan E. Fuchs was the moderator and summary speaker at a program held May 8 in Phi Beta Kappa Hall, exploring the question "Values--A Responsibility of Public Education?"

The program was presented by the School of Education at the College and the Tidewater Assembly on Family Life. **James N. Yankovich**, dean of the School, welcomed participants, while **William Garland** of the School's faculty was a panelist in the session moderated by Fuchs.

PHYSICAL EDUCATION FOR WOMEN

Carol Sherman was one of twelve participants in a choreography workshop conducted by the Pilobolus Dance Company as part of its National Endowment

"Glory" Extends Invitation

As they have done in past years, producers of the "Common Glory" have invited all William and Mary employees and members of their immediate families to attend an outdoor performance of the "Glory" without charge during the first week of performance, Monday, June 21, through Saturday, June 26.

Employees may obtain tickets at the Common Glory box office between 7 and 8:30 p.m. on the evening of the performance they wish to attend. Performances begin at 8:40 p.m.

Because of limited seating in Phi Beta Kappa Hall, where the drama is staged when it rains, the tickets can only be offered for outdoor performances.

for the Arts Residency Program in Washington, D.C., April 22.

On May 1 Professor Sherman served on a panel which evaluated the works presented on the Young Choreographers' Concert at the Chrysler Museum Theatre in Norfolk.

She will join the faculty of the Dance Theatre of Washington as a guest teacher for its summer session in July.

PHYSICS

Arden Sher gave an invited talk to the Physics Club of Richmond, April 29, entitled "A LaF₃ Infrared Detector (or Solar Cell?)."

Peter Gary gave an invited talk at the AGU Spring Annual Meeting in Washington, D.C., on April 13 entitled "Heat Flux Driven Instabilities in the Solar Wind."

Hans von Baeyer addressed the Bicentennial Celebration of J. Sargeant Reynolds Community College in Richmond, May 7, where he spoke on "William Small, Jefferson's Teacher."

The following papers have been published:

"Stability and Spectra of the Bumpy Theta Pinch," **Thomas E. Cayton and George Vahala**, in *The Physics of Fluids*, 19, 590 (1976).

"Proton Temperature Anisotropy Instabilities in the Solar Wind," **S. Peter Gary, M.D. Montgomery, W.C. Feldman, and D.W. Forslund** in *Jour. of Geophysical Research* 81, 1241 (1976).

"Electromagnetic current Instabilities," **S. Peter Gary, R.A. Gerwin, and D.W. Forslund** in *The Physics of Fluids*, 19, 579 (1976).

Several members of the physics department attended the American Physical Society meeting in Washington, D.C., April 26-29. The following papers were presented:

"Relativistic Deuteron Wave Functions," **Warren Buck and Franz Gross** in *Bull. Am. Phys. Soc.* 21, 613 (1976).

"Prompt Gamma Rays from the Pi plus Bismuth Interaction Near the (3,3) Resonance," **C. E. Stronach, J.H. Stith, B.J. Lieb, H.O. Funsten, W.J. Kossler, and H.S. Plendl** in *Bull. Am. Phys. Soc.* 21, 586 (1976).

"Microwave Cavity Measurement of the Faraday Effect in an Afterglow Discharge," **J. Lindemuth and F.R. Crownfield**, in *Bull. Am. Phys. Soc.* 21, 648 (1976).

"Simple Model of Quasi-Elastic Deuteron Production," **E.A. Remler** in *Bull. Am. Phys. Soc.* 21, 520 (1976).

"Independent Experimental Tests of Backward P + D Scattering Models," **E.A. Remler** in *Bull. Am. Phys. Soc.* 21, 520 (1976).

Warren W. Buck successfully defended his doctoral dissertation entitled "Calculation of Deuteron Wave Functions with Relativistic Interactions" on May 19.

SCHOOL OF EDUCATION

S. Stuart Flanagan presided at the general interest session of the annual meeting of the National Council of Teachers of Mathematics recently in Atlanta, Ga. At the meeting, Flanagan received the charter affiliating the newly established Virginia Council of Teachers of Mathematics, of which he is charter president, with the National Council.

Robert B. Bloom, co-author of a report for Governor Godwin on the state of special education in Virginia, spoke on the reports' findings at a meeting of the newly formed Franklin, Va., chapter of the Council for Exceptional Children.

Betsy H. Hettinger will have her final oral examination for the Ed.D. degree on Wednesday, June 16, in the Gold Room of the Campus Center. Her dissertation is entitled "An Investigation into the Modification of Locus of Control in Out-patient Alcoholics by Alcoholism Counselors and the Relationship of Locus of Control to Preference for Alcoholics Anonymous."

SCHOOL OF BUSINESS ADMINISTRATION

William J. Maddocks attended the annual meeting of the American Institute for Decision Sciences, Midwest Region, in Detroit, Mich., May 7-8. At the meeting he discussed the paper "EOQ and Dynamic Programming: the Choice Revisited."

SOCIOLOGY

Wayne Kernodle's article on "The Last of the Rugged Individualists," which was published originally in Harper's magazine, has been selected for inclusion in a Canadian and American studies book entitled *North American Neighbors* to be published by McGraw-Hill Ryerson Limited.

SWEM LIBRARY

Kay J. Domine, College Archivist, attended the spring meeting of the South Atlantic Archives and Records Conference May 6-7 in Raleigh, N.C.

Ms. Domine has been appointed editor of the Tidewater Association of Records Managers and Administrators newsletter, *Tidal Waves*.

Dortha Skelton, reference librarian, **Patricia Bromiel**, inter-library loans assistant, and **Del Moore**, reference assistant, attended a meeting of Telex operators and supervisors at the Virginia State Library in Richmond, May 25. The telex in Swem Library is used to expedite inter-library loans.

Mary Louise Cobb, cataloging librarian, attended the annual meeting of the membership of the Southeastern Library Network May 13 in Atlanta, Ga. Swem Library is a charter member of SOLINET, a computer network for academic and public libraries.

UNDERGRADUATE PROGRAM DEAN'S OFFICE

James C. Livingston was an invited guest at the Arden House conference on "Freedom and Control in a Democratic Society", which was held in Harrison, New York, June 2-4. Mr. Livingston served as a rapporteur for the section on education.

VIRGINIA INSTITUTE OF MARINE SCIENCE

Paul Hyer of the department of physical oceanography and hydraulics attended a workshop on "Wave and Salinity Gradient Energy Conversion" sponsored by the Energy Research and Development Administration at the University of Delaware. He presented a paper dealing with modifications to the salinity regime in estuaries when extraction of salinity gradient energy enhances vertical mixing.

Evon P. Ruzicki of the same department presented a paper on "The Use of EOLE Satellite System to Observe Continental Shelf Circulation" at the Off-shore Technology Conference in Houston, Texas. **Christopher Welch** was a co-author of the paper but was unable to attend the conference.

Several Accept Visiting Professorships

Four faculty members will fill visiting professorships here and abroad in addition to those announced earlier.

Donald J. Baxter, associate professor of government, will teach at the University of Leicester in the department of political science. He is exchanging with John Day, who will be visiting associate professor in William and Mary's government department.

Baxter's area of expertise is methodology and comparative politics, particularly for South and Southeast Asia. Day has conducted studies in the field of African nationalism in Rhodesia.

Melvyn D. Schiavelli, associate professor of chemistry, will exchange with Douglas Guthrie Williamson of the University of Aberdeen, Scotland, in a similar program. In addition to teaching an organic chemistry course,

Schiavelli plans to conduct research using a Carbon-13 MMR spectrometer and several other instruments at Aberdeen that are not available at William and Mary. He also hopes to complete several articles and to establish a working relationship with the department of biochemistry at the medical school associated with the University.

Professor of Modern Languages James W. Coke will also be teaching in Great Britain next year. Coke, who has been on leave from William and Mary this year as visiting professor at the University of Exeter, will continue his visiting professorship for another year. His teaching interests include French

drama and studies in comparative literature.

David L. Holmes, Jr., associate professor of religion, has been granted a leave of absence from William and Mary next year, in order to accept a visiting appointment at the University of Virginia. Holmes, who has been on leave during the current academic year conducting research at the University of Virginia, will continue his research and also teach the principal course in American church history in the University's department of religious studies.

A total of 20 faculty members will be on leave for the 1976-77 session for research, fellowships and visiting professorships.

Brown Named To Coe Chair At Stanford This Summer

Richard Maxwell Brown, professor of history and an authority on violence and the vigilante movement in America, will be Visiting Coe Professor of American History at Stanford University this summer.

As part of his summer assignment with Stanford, Brown is helping plan and will participate in a Bicentennial conference entitled "The American Revolution in the Modern World." The conference is being sponsored by the Stanford Institute of American History, July 15-16.

Participants will include Michael Kammen, Newton C. Farr Professor of American History and Culture, Cornell University, and author of "People of Paradox: An Inquiry Concerning the Origins of American Civilization," 1972, which received the Pulitzer Prize for History in 1973; and two members of the faculty of the University of Michigan, Charles Tilly, professor of sociology and history and author of "The Vendee," 1964; and Kenneth A. Lockridge, professor of history and author of "A New England Town: The First Hundred Years," 1970, and "Literacy in Colonial New England," 1974.

Moderator for the conference

will be Don E. Fehrenbacher of Stanford, who was James Pinckney Harrison Visiting Professor of History at William and Mary for the 1973-74 session.

Junior Author

Lindsey Douglas Eck, Grafton, Mass., a rising junior, has had a short story published by the magazine *Bachy*, a literary journal published in Los Angeles, Cal., by the Papa Bach Paperback Book Store.

The story, entitled "Visions at Archangel University," appears in the May issue of the magazine. Copy editor for *Bachy* is a William and Mary alumna, Roberta Goodwin '54.

Cloud Joins Campaign

Jess Cloud, former Director of Development and Public Relations for Hampshire College, has been named Coordinator for Campaign Communications.

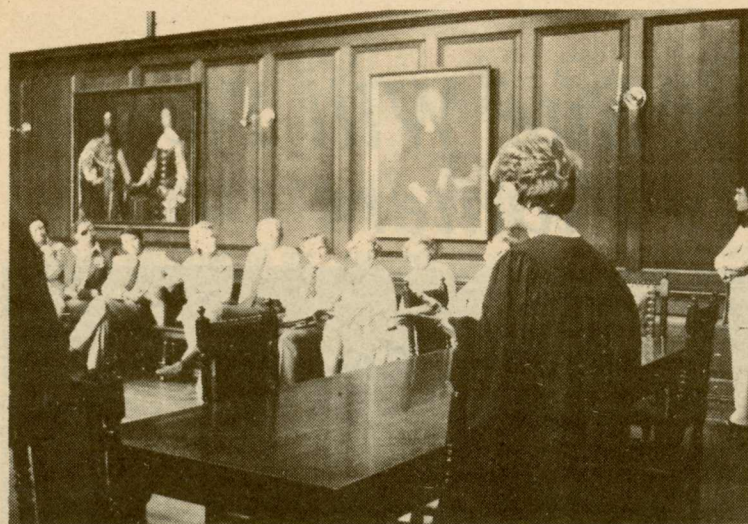
Cloud will assist in the preparation of brochures, newsletters and proposals for the Campaign and edit campaign reports and newsletters. He replaces Mrs. Debby Brink who left to assume a position with Busch Properties.

A member of the English faculty at Hampshire College, Cloud has followed a successful earlier career in advertising and public relations with an active academic career. He received all three of his degrees from Columbia University and was awarded a doctorate with distinction in English and Comparative literature from that institution in 1974.

Cloud has taught English courses in several periods, specializing in the Renaissance, 16th, 17th and 20th century literature. He has published in a number of scholarly journals.

Before turning to college teaching, Cloud was vice president and creative director of public relations and advertising for Michel-Cather, Inc., and for Batten, Barton, Durstine & Osborn, Inc., both of New York.

His appointment is limited to the duration of the Campaign.



British Delegation Tours Wren

The Right Honorable Lord Elwyn Jones, the Lord Chancellor of Great Britain, and Winston Churchill, grandson of England's famous wartime prime minister, Sir Winston Churchill, were among members of a delegation of British Parliamentarians who toured the Wren Building and Colonial Williamsburg, June 2. The delegation was visiting Washington in connection with the loan of an original copy of the Magna Carta to the U.S. Congress for the Bicentennial. Congressman Thomas N. Downing accompanied the group, which toured the Wren Building with CW hostess Dottie Wilson (above), a William and Mary alumna from the class of 1956.

In Military Science Department

2 Receive Foreign Tours, One Retires

The Military Science Department will contain three new faces this fall.

Maj. Herman A. Schmidt, senior assistant professor of Military Science is departing for a three-year tour in Germany at the end of June. Sergeant First Class (SFC) George Perez, instructor and rifle team coach, will assume new duties in Panama, while Sergeant First Class John Stanton, supply NCO, will retire this month.

On campus to assume new duties are Major Lloyd L. Young Jr. and SFC Frederick F. Sutter. MSG Robert L. Ely will arrive later this month.

Maj. Schmidt, who has been with ROTC since the summer of 1973, will leave in July to become Operations Officer with the 3rd Battalion in Kirchgeons, Germany. This will be his fifth overseas assignment.

A native Virginian Schmidt graduated from William and Mary in 1961, receiving his commission through the College's ROTC Program. In 1973 he received his MBA from William and Mary.

Maj. Young, a native of Texas, who is taking Maj. Schmidt's place, was commissioned at Fort Benning, Georgia, in 1964. He is a graduate of the University of Nebraska at Omaha and holds an MBA from William and Mary. Maj. Young has three tours in the far east and most recently was Food Advisor for U.S. Army Training and Doctrine Command at Fort Monroe.

SFC Perez, who has been with the ROTC Department for three years, will be leaving in early August for a tour in the Panama Canal Zone.

A native of Puerto Rico, he has been in the Army 11 years. While an instructor at William and Mary, Perez was instrumental in revitalizing the Rifle Team as coach and also coached the Women's Volley Ball Team during 1974-75.

SFC Perez's replacement will be MSG Robert L. Ely from the

U.S. Army Institute for Military Assistance, Fort Bragg, N.C. MSG Ely is Special Forces qualified with extensive parachutist and ranger-type experience.

SFC Stanton, who will retire from military service June 30, has been the supply NCO in the department since 1971.

He first entered military service in the Marine Corps in 1953, was discharged in 1956 and enlisted in the Army in

1958. From 1958 to 1971, he served in various supply positions including one tour in Vietnam.

SFC Stanton's military honors include the Meritorious Service Medal and the Army Commendation Medal with Oak Leaf Cluster. He is a native of Crummies, Kent.

SFC Stanton's replacement is SFC Frederick F. Sutter from Fort Ord, California.

Personnel Bulletin

Job Openings

The following positions at the College are or will be vacant. They are open to all qualified individuals; however, current faculty and classified employees of the College will receive first consideration. Application should be made at the Personnel Office, 201 James Blair Hall. Inquiries about vacancies should be directed to the Personnel Office and not to the department where the opening exists.

Call 229-JOBS (229-5627) for an updated listing of job vacancies and 24-hour service.

An Equal Opportunity/Affirmative Action employer.

CLERK C: \$5880 per year, Swem Library, deadline 6-16-76.
CLERK C: (hourly) \$2.83 per hour, part- or full-time, Print Shop, deadline 6-18-76.

DATA ENTRY OPERATOR A: \$5880 per year, Computer Center (2 positions), deadline 6-18-76; Treasurer's Office, deadline 6-29-76.

Revised Salaries For Classified Employees

The Governor has approved a one-step increase in the minimum and maximum salary ranges for permanent classified employees of the Commonwealth of Virginia effective July 1, 1976. Some selected classifications are being increased two steps. Eligible employees may be considered for an increase on the effective date, contingent on satisfactory job performance as evidenced by previous service ratings, current job performance, and availability of funds.

Deans of Faculties and Schools, and Department Heads are receiving written notification of those employees under their jurisdiction who are eligible for a salary increase. They will also be advised which employees are eligible for the two-step increase. Recommendations for approval or disapproval of such advancement must be furnished to the College Personnel Office on the notification form.

Every effort will be made by the College Personnel Office and the Division of Personnel in Richmond to expeditiously process the approved salary increases for eligible employees on the earliest pay day possible after the effective date. *Employees are advised that questions pertaining to them as individuals must be directed to their supervisors.* Employees selected for an increase are advised that any administrative delay in their receiving approved increases will be retroactive and will *not* result in any net loss of pay.

Archaeology Crew Hopes New Site Will Yield Wealth of Information on Early Planters

Just a mile down the road from the first permanent settlement at Jamestown, another of America's earliest settlements remains untouched but in some danger of being destroyed by future residential construction.

That's why a crew from the Virginia Research Center for Archaeology located at William and Mary has just begun a three-year excavation of the Governor's Land tract on the northern banks of the James. Archaeologists predict the 2000-acre site could reveal a wealth of knowledge about early plantation life in Virginia.

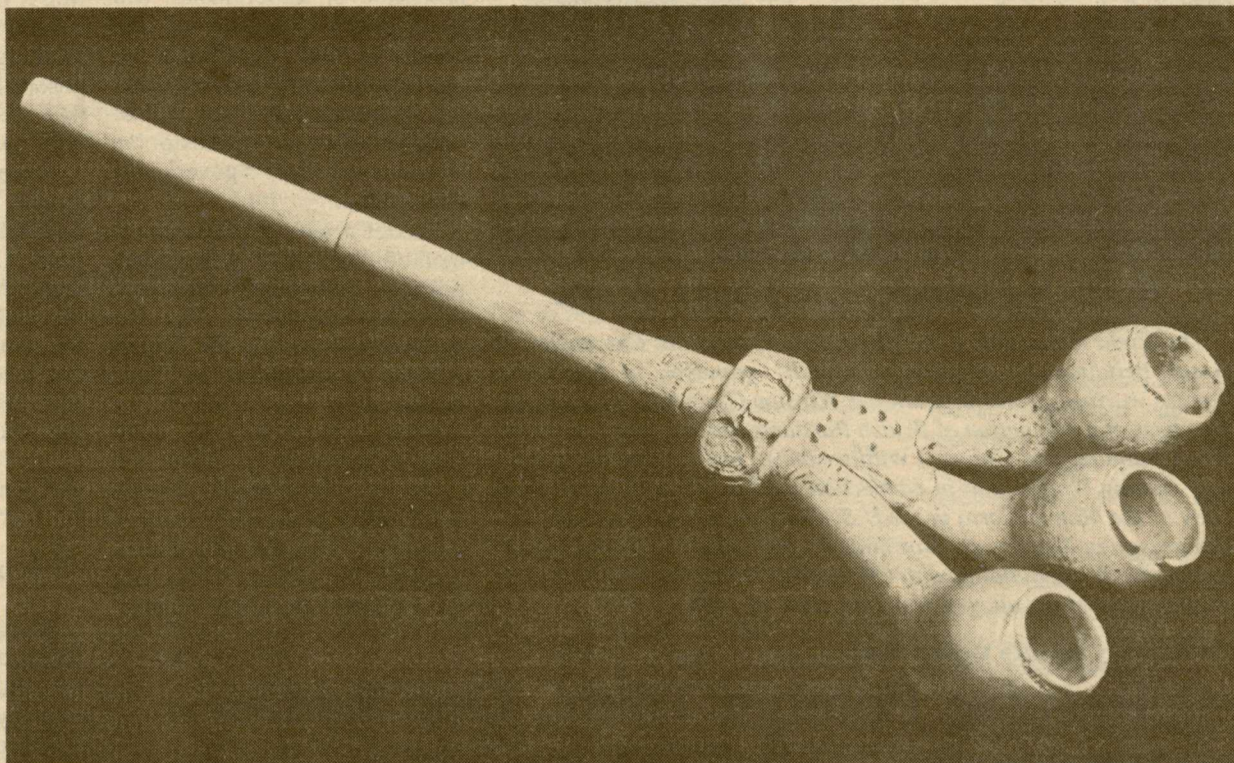
William Kelso, coordinator of the research center, claims that the project may have gotten off the ground--or into the ground--at an appropriate time. The Governor's Land area, which has been primarily used as farmland since the colonists arrived, is currently "ringed by residential complexes," says Kelso. "Two potential sites in the area have already been built over, and it's obvious that the remaining sites won't be there forever."

The Governor's Land tract is owned by Mr. and Mrs. Albert L. White III and Mr. and Mrs. David M. Murray, two families intent upon seeing that the sites are properly studied. Mr. White still farms the land and Mr. Murray is a Newport News lawyer.

Wealthy planters under scrutiny

While many archaeological ventures have been devoted to studying 17th century urban life in Virginia, the current investigation of the Governor's Land will focus on what eventually became of the country settlements of the colonial "elite." Though the plantation dwellers were actually tenants on land controlled by a governor, records suggest that they were wealthy and politically active in the colony.

Just how wealthy, is one of the things the archaeologists hope to find out. Under the direction of Kelso, the research center has already conducted a survey of the area to determine where the most significant sites are located. Supported by a \$186,000 grant from the National Endowment for the Humanities, the crew, under field supervisor Alain Outlaw, began digging at the site last month. Early finds of armor pieces, broken bottles and various weapons



Unique three bowl English clay tobacco pipe, c. 1620-1640, which was recovered during excavations at Governor's Land.

have convinced the archaeologists that the Governor's Land will be a prolific site.

Students to dig in

With such a massive area to investigate, the organizers of the project have arranged to take advantage of archaeology enthusiasts at William and Mary. Next fall, students from the College will assist with field work at the site. Kelso will teach part-time at the College and will coordinate the students' digging activities with associate professors Theodore R. Reinhart and Norman F. Barka. Then the students will follow-up the on-site work with investigations of the artifacts at the campus laboratory.

Archaeologists expect to find artifacts from several periods at the site. The Pasbeheg Indians occupied

the area before the English settled there in 1617, and since then there have been numerous generations of plantations and farms. "We hope the sites will show us how the plantation life in the area evolved," explained Kelso. "It seems that often a plantation was either abandoned or destroyed and another built in its place. We think we'll find the remains of a number of different styles of architecture."

What most interests Kelso is the period characterized by "a new wave of settlement in Virginia during the last half of the 17th century." Comparatively few records of the period have survived.

The settlement actually came into being around 1618 when the Virginia Company's "Great Charter" authorized Governor George Yeardley to set aside 3,000 acres on the mainland between Jamestown and the Chickahominy River as the "Governor's Land," to provide for the maintenance of his office. Tenants of the Governor's Land were bonded to the land for seven years, during which they and the Governor divided equally the fruits of their labors. A supply of tools and implements for building houses and a year's ration of food were offered as inducements to prospective tenants.

Uncertain Times

Those early settlers were of little social or political standing when they came to America. But the next wave of immigration, which occurred after 1640, brought the sons of the English gentry and merchant classes, who established Virginia's "first families."

Though the earliest tenants on the Governor's Land left little in the historical record, the journal of the London Company reported that in August 1626 there was a mild disturbance caused by the scandalous behavior of Thomas Jones and his wife Margaret. Jones was criticized in the official journal because he and two comrades "severally disordered and misdemeanoured themselves in drinking, quarrellings and other abuses at unlawful and unseasonable howers of the night, to the disturbance of the whole plantation."

The early tenants, however, did have more serious problems than the rowdiness of Jones. The Indians, particularly after the Great Massacre of 1622, were always a threat and caused many of the colonists to return to England. Other settlers complained that the land was not good for farming.

Kelso says the excavators hope to uncover artifacts that will shed new light on the rebellious years between 1670-1680. It was then that Governor Berkeley came to blows with one of the colony's wealthiest landholders, William Drummond, the former governor of the North Carolina territory. Drummond made the fatal mistake of actively supporting Nathaniel Bacon, who spearheaded a nearly-successful rebellion against the privileges and policies of the inner provincial clique led by Governor Berkeley. Drummond was executed by orders of the Governor in 1677.



Field supervisor Alain Outlaw records findings of William and Mary student John Deusebio at the Governor's Land excavations.

Stephen Brush Studies Plight of Peruvian Potato Farmers

The potato and some of the people who grow them—a microcosm in the “Green Revolution” to feed the world’s hungry—is being studied by anthropologist Stephen Brush.

Although the average consumer and potato shopper immediately links Idaho and Ireland as the potato capitals of the world, Brush will go to a peasant village in the Andes to make his study.

First domesticated in Peru, the potato is still the mainstay of the diet there and accounts for five percent of the world’s food supply. Peru grows over 2,000 different varieties of potatoes. Residents of the Andean village of Uchucmarca, which Brush has studied, can readily identify 50 well-known varieties of potatoes.

Brush’s main concern is the potato grower and how the so-called Green Revolution is affecting his way of life. His research is being funded by a faculty research grant from the College and by the International Potato Center in Peru.

In an article prepared for *Natural History* magazine, Brush explores the effects of imposing modern agriculture on a well established peasant culture and the resulting moral dilemma that remains unsolvable.

No chemicals

For centuries the peasants in the Andean mountains have been carefully tilling the soil on tiny plots of ground, tenderly nurturing it so as not to disturb the delicate ecological balance of the mountain terrain.

Traditionally, fields are left fallow for ten to 15 years, as crop rotation is strictly adhered to. Fields must maintain their fertility naturally, since no chemicals are used to prime the soil, no pesticides or fungicides

are used on crops. Hedgerows surround the tiny fields to protect against erosion. Farmers plant many varieties of potatoes to insure against a total crop failure. Peasants plant enough to meet their local needs, rather than selling to a distant market.

The situation appears idyllic and is very satisfactory for the peasant farmer. His life is uncomplicated, and he has perfected an ecologically sound agricultural system that works well for him. But, Brush points out, the peace and tranquility of the peasant farmer’s living has to be measured today against the need to feed a hungry world.

Modern methods

In order to help conquer hunger in Peru and elsewhere, the peasant farmer in villages like Uchucmara is being asked to introduce less crop variety, to plant new, more disease resistant strains, to grow larger amounts and to use chemicals to bolster crop yields. More potatoes are needed, both for Peru and for export.

The switch to modernization, explains Brush, may not enhance the lifestyle of the peasant potato grower. Rather, he may be worse off as a result of the Green Revolution.

The introduction of chemicals, farming equipment and irrigation apparatus means introducing a more intricate economic system than the peasant is used to. Under his traditional style of life there was no need for much money; he didn’t use chemicals or modern equipment, his needs were few. His ignorance of modern economic practices may leave him open to exploitation.

Less protein

The new strains of potatoes developed so far have not proven as high in protein as some of the old varieties. The yield from the

new potatoes, however, is so much greater, that it compensates for the loss. The peasant often doesn’t like the taste of the new potatoes.

Another aspect of the change, says Brush, is the possibility of higher land prices because of the greater need for arable land and the chance of financial difficulties for the farmer because of price increases in farming supplies and equipment. Brush sees the situation resulting from the Green Revolution as a “double bind.”

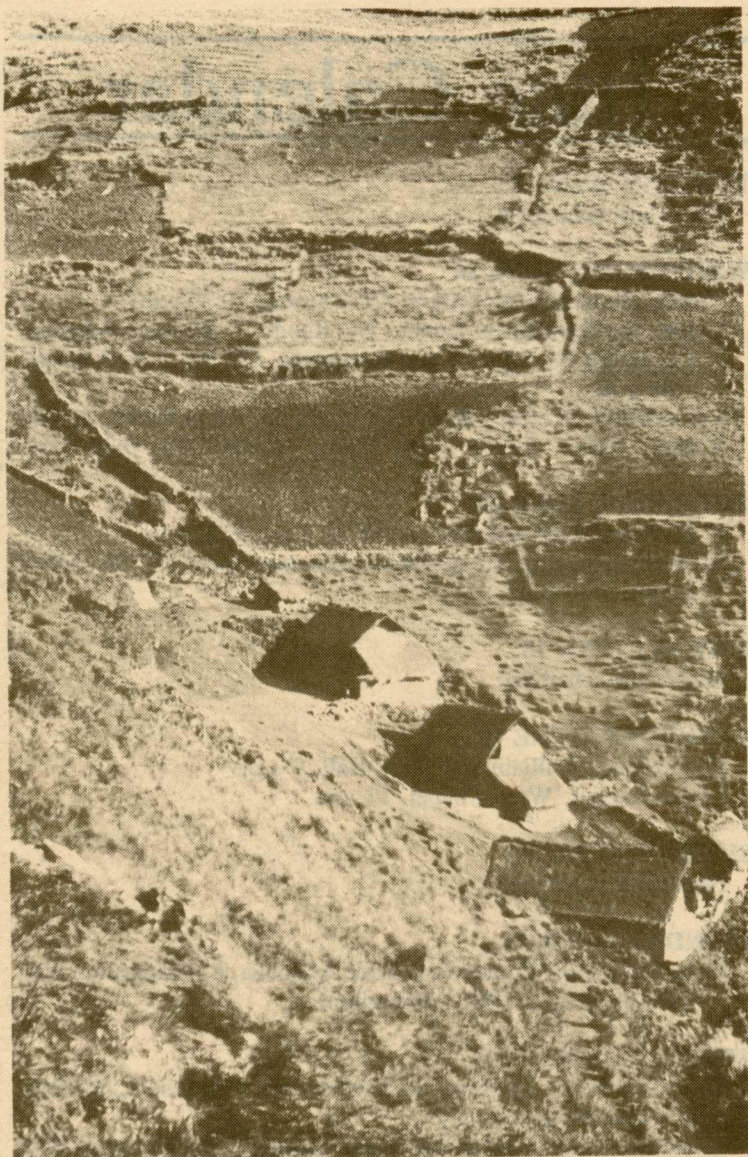
“Introducing agricultural innovations which may change a culture may hurt some people while you are trying to help others, but if you don’t try and introduce new ways you are hurting people who are hungry.”

“The Green Revolution is asking them not only to disrupt their lifestyle but also to disrupt nature. Ecological and aesthetic arguments are very difficult to weigh against the hunger of millions. Politically and morally one must use the means to prevent hunger if you have them. No government dare say that it will keep on growing things in the old way; all governments are committed to growing more food.

Moral dilemma

“It is a moral dilemma,” says Brush. “The peasant is being asked to give up a fairly stable livelihood using traditional, but well adapted agricultural policies for the uncertainty of producing more; but there is a hungry world and Peru herself needs to produce more food.”

For more than five years, an international consortium with funds from the World Bank, Rockefeller and Ford Foundations has been working out of the International Potato Center in Lima, Peru. Like models of the



Potato fields checker landscape around Uchucmarca.

International Rice Research Center in the Philippine Islands and the Maize and Wheat Improvement Center in Mexico, scientists in Peru are looking for the ideal crop. They want to do for the potato what they have done for these crops, explained Brush. “They’re hoping to produce a miracle potato.”

Exploitation feared

The new agriculture, asserts Brush must continue to be profitable to the farmer, and the farmer must be able to get the new tools he needs at a reasonable cost. The traditional peasant agriculture depended entirely on local energy and resources, while the new system depends

on external subsidies of cash, energy, chemicals and other resources. If the peasant farmer is not carefully assisted into the modern ways of agriculture and becomes exploited, he may have no alternative but to join the rural exodus to the cities, warns Brush. Brush said he is hopeful that Peru’s revolutionary, socially conscious government will not allow the exploitation that has occurred in Indonesia and parts of India to occur in Peru.

Brush feels there are lessons which can be drawn from the example of Uchucmarca as the Green Revolution establishes itself in more and more peasant societies.

He feels developers should be aware of the long-term adaptations of peasants and should strive towards incorporating some of the best of the old ways with the new. Brush also suggests that seed banks and reserves of native varieties should be an important part of the new agrarian technology.

“The passing of traditional cultures, such as the life of peasants in the remote corners of the Andes, means that the wealth of culture in the world is lessened,” said Brush. “This passing is, however, inevitable. What is not inevitable is the loss of important insights and resources possessed by these traditional cultures. These lessons are essential for the future of our hungry planet, a future made more precarious if they are lost along with the cultures which hold them.”

This will be Brush’s third visit to Peru in a continuing study of the life of the Andean peasants. A graduate of the University of California and the University of Wisconsin, Brush has been a member of the faculty at William and Mary since 1973.



Stephen Brush (left) with Peruvian guide.

June Calendar

TUESDAY, JUNE 15

No events scheduled

WEDNESDAY, JUNE 16

VARC Dramatics Workshop, CC Theatre, 10:30 a.m.
Center for Excellence; Lunch, CC Room C, 12 noon, Meeting,
CC Room D, 2 p.m., and Reception, CC Sit 'n Bull Room,
4:30 p.m.

Dissertation Defense, Betty Hettinger, CC Gold Room, 2 p.m.
VARC Upper Level Yoga Class, Adair 202, 5:30 p.m.

THURSDAY, JUNE 17

U.S. Army Band and Chorus, Wren Yard, 2:30 p.m.
Women's Equality Group-Presentation on Cancer, CC Sit 'n Bull
Room, 7:30 p.m.

FRIDAY, JUNE 18

No events scheduled

SATURDAY, JUNE 19

Gymnastics, William and Mary Hall, 9 a.m.
Organ Recital, Wren Chapel, 11 a.m.

SUNDAY, JUNE 20

No events scheduled

MONDAY, JUNE 21

Common Glory Production, Lake Matoaka Amphitheatre, 8:40
(in case of rain, PBK Auditorium)

TUESDAY, JUNE 22

16th Conference on Reaction Mechanisms (Chemistry), Milling-
ton Auditorium, all day.
Common Glory Production, Lake Matoaka Amphitheatre, 8:40
(in case of rain, PBK Auditorium).

WEDNESDAY, JUNE 23

16th Conference on Reaction Mechanisms, Millington Audi-
torium, all day.
VARC Dramatics Workshop, CC Theatre, 10:30 a.m.
Education Dissertation Defense, CC Room D, 2 p.m.
VARC Upper Level Yoga, Adair 202, 5:30 p.m.
Common Glory, Lake Matoaka Amphitheatre, 8:40 p.m.

THURSDAY, JUNE 24

16th Conference on Reaction Mechanisms, Millington Audi-
torium, all day.
"Billy Graham Bicentennial Festival of Faith," William and
Mary Hall, 8 p.m.
Common Glory, Lake Matoaka Amphitheatre, 8:40 p.m.

FRIDAY, JUNE 25

16th Conference on Reaction Mechanisms, Millington Audi-
torium, all day.
Summer Band School Concert, Wren Yard, 6:30 p.m.
"Billy Graham Bicentennial Festival of Faith," William and
Mary Hall, 8 p.m.
Common Glory, Lake Matoaka Amphitheatre, 8:40 p.m.

SATURDAY, JUNE 26

Gymnastics, William and Mary Hall, 9 a.m.
Organ Recital, Wren Chapel, 11 a.m.
Common Glory, Lake Matoaka Amphitheatre, 8:40 p.m.

SUNDAY, JUNE 27

Summer Band Concert, Wren Yard, 2:15 p.m.

MONDAY, JUNE 28

Alumni College Program, Millington Auditorium, 9 a.m.
Patrick Henry Oratorical Contest, Wren Great Hall, all day.
Common Glory, Lake Matoaka Amphitheatre, 8:40 p.m.

TUESDAY, JUNE 29

Patrick Henry Oratorical Contest, Wren Great Hall, all day.
Alumni College Program, Wren Chapel, 8:30 p.m.
Common Glory, Lake Matoaka Amphitheatre, 8:40 p.m.

Summer Hours Given For Various Facilities

ADAIR POOL: Open for recreational swimming daily from 2-7
p.m.

ADAIR TENNIS COURTS: Open daily until 12 midnight.

BLOW GYM: Open daily from 2-10 p.m. Open Saturday and
Sunday, 2-6 p.m.

CAMPUS CENTER: Open Monday through Friday, 8 a.m. - 11
p.m.; Saturday and Sunday, 8 a.m. - 10 p.m. WIGWAM: Open
Monday through Friday, 7 a.m. - 2 p.m. Closed weekends.

CAMPUS POST OFFICE: Open Monday through Friday, 9 a.m. -
4 p.m.

From the Office of College Development

Grant Opportunities

AMERICAN COUNCIL OF LEARNED SOCIETIES, Fellow- ships, Competitions in 1976-77

Fellowships - six months to one year; maximum - \$13,500.
Deadline - September 30, 1976.

Study Fellowships - for younger scholars in areas other than their
specialization; includes social and natural scientists. Six months
to one year; maximum - \$12,000. Deadline - November 15, 1976.

Research Fellowships for Recent Ph.D.'s - for humanistic
research; Ph.D. in 1974 or 1975; one semester to 12 months;
maximum - \$7,000. Deadline - December 1, 1976.

Grants-in-Aid - for humanistic research; maximum - \$3,000.
Deadline - January 15, 1977.

Also, *subject to being funded*, grants for preparation of disserta-
tion research for publication, or other work leading to publication,
Ph.D. no earlier than July 1, 1974; maximum - \$2,000. Deadline -
September 30, 1976.

JOINT ACLS AND SOCIAL SCIENCE RESEARCH COUNCIL

Grants for Advanced Training in Chinese Studies - December 1,
1976; in *Soviet Studies* - December 31, 1976; in *East European
Languages Studies* - December 31, 1976.

For further details concerning restrictions on the above, call
Sponsored Programs office, Ext. 518 or 587. For applications,
write: Office of Fellowships and Grants, ACLS, 345 East 46th
St., New York NY 10017.

NATIONAL SCIENCE FOUNDATION

Undergraduate Research Participation - Deadline - September
10, 1976.

Secondary School Student Science Training - Deadline - October
8, 1976.

Student-Oriented Studies - Deadline - November 5, 1976.

FY 1977 guidelines will not be printed for several months.
Questions should be directed to: L.R. Edmunds, Group Director,
Student-Oriented Programs, Directorate for Science Education,
NSF, Washington, D.C. 20550. Telephone: (202) 282-7150.

Previous year's guidelines are available, for your information, in
the Grants and Contracts Office (Mr. Waller, Ext. 563, Old
Rogers Hall)

NATIONAL ENDOWMENT FOR THE HUMANITIES

Information on FY 1977 deadlines is now available in the Grants
and Contracts Office (Mr. Waller).

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA has issued Guidelines for Participation in Lunar Scientific
Research. Available in Grants and Contracts Office (Mr. Waller).

FEDERAL DEADLINES FOR FISCAL YEAR 1977

As a service to member institutions, the Association of American
Colleges has provided the following listing of deadlines --
approximate and by month--for FY 1977. As a preview of
what's likely, it provides a concise statement of ongoing federal
programs. The Grants and Contracts Office has available past
brochures on these programs, in many cases, and current *Federal
Register* guidelines. NEA deadlines are now available, and we
will keep you informed of other specific dates, as announced.

July 1976

NSF US-Israel binational science foundation

NEH Directors for summer seminars

Program grants

Consultant grants

NEA Museum programs

Printmakers fellowships

Work Experience Internships

NIH Research grants

State Fulbright-Hays Lecturing and Research

August, 1976

NSF US-Japan Visiting scientists and seminars

Classifieds

All members of the College
community may place personal
advertisements in the William
and Mary News.

The deadline for submitting
advertisements is 4 p.m. on the
Wednesday preceding publica-
tion. For a \$2 fee, each ad is run
in three consecutive issues. Pay-
ment must be received before the
ad can be printed.

Individual advertisements
should be limited to not more
than 40 words.

Advertisements for non-
commercial announcements of
goods, rentals and real estate,
either offered or sought, and for
lost and found items will be
accepted.

Advertisements for profit-mak-
ing business ventures, such as
guitar lessons and babysitting
services, can not be accepted.

FOR SALE

Only \$3419 down necessary to acquire
modern, freshly-painted, 3 BR house
with garage and fenced-in yard.
\$32,900. Please call Prof. Madison at
Ext. 541 (days) or 1-353-2609 (evenings
& weekends). (7/13)

1973 red Vega station wagon GT,
4-speed, air, raised white letters on tires,
tape-player, factory mag wheels, and CB
radio Royce 1-612. 3 mos. old, 23
channels. 12,000 miles. \$1550. Call
877-7097 after 3. (6/15)

5000 B.T.U. air conditioner, like
new, used only 2 months. Ivory color.
Only \$100 - originally \$159. Phone
229-4728 between 9-12 a.m., and 5-7
p.m. (6/15)

1972 Vega, yellow and black, mag
wheels, GT option, 4 on the floor,
34,000 miles, very good condition.
\$1,650. Call 229-9556 after 6 p.m.
(6/29)

1916 Model Victor record machine in
exc. working condition; assorted needles
and records included. Best offer or \$100.
Antique trunk of wood and leather.
Excellent cond. inside and out. \$75 or
best offer. Call 229-8292 after 7:30 and
ask for Brenda. (6/29)

1972 Plymouth Duster with vinyl roof,
steel-belted radials, A/C, 4-speed, in
excellent condition. \$1690 or best offer.
Must sell! Call days, ext. 541; evenings
and weekends, 1-353-2609. (7/13)

House, 2 mi. from college off James-
town Rd. 3 BR brick rancher with att.
garage. 1-1/2 baths. LR with brick
fireplace. Kit./Fam.rm. combination.
A/C. On large, wooded corner lot, with
dogwoods, flowerbeds and garden.
Rustic-fenced backyard. Mid 40's.
229-8005. (7/13)

Free A.K.C. Dachshund puppies with
the purchase of a \$45 rooted cutting.
STD. 3 female, 1 male. Call after 5,
229-7605. (7/13)

FOR RENT

Available for July-August: 2 BR apt.,
AC, carpeted, dishwasher and garbage
disposal. Completely furnished. Next to
pool. Call 229-2806 after 5. (6/29)

House for rent, July 17 to August 27.
\$300 plus utilities. No indoor pets.
Non-smokers only. Two miles from
campus. Call 229-7660. (7/13)

For summer, one BR of a 2 BR, 2 bath
mobile home. Furnished, A/C, washer/
dryer. 2 miles from campus. \$90/month
plus utilities. Call Mike, 229-5683.
(7/13)

WANTED

Second hand refrigerator in good
condition. Inexpensive. Must have good
size freezer compartment. Call 229-1204
between 5:30 and 7 p.m. (6/15)

Professor and wife want to rent or
sublet furnished house or apartment from
about July 15 to August 31. Contact: Dr.
William Shea, History Department, Uni-
versity of Arkansas, Monticello, Arkan-
sas, 71655. (7/13)

Faculty member seeks unfurnished, 2
BR house to rent. Prefer near campus.
For September. Call Ed Godshall,
229-7453. (7/13)

FOUND

Men's Timex watch. Left in handball
courts 4/27. Contact P.E. secretary, Ext.
267, 320. (6/15)