

William and Mary News

Volume II, Number 15

December 11, 1973



A Christmas Message to All William and Mary Students

Our Christmas Tree will be up and decorated in the President's House on Wednesday, December 12. Each of you is most welcome to drop by to see the tree at any time between then and when you depart for the holidays. Mrs. Graves and I would be very pleased to extend to each of you personally our best wishes for a joyous Christmas and a peaceful New Year. Just knock on the Wren Yard door any time during the day or any time during the evening when there are lights on the first floor.

If we miss you, may you have a safe journey and a relaxing holiday, and we look forward to welcoming you back in the new year.

Sincerely,

Thomas A. Graves, Jr.
President

Campus Holiday Activities

Christmas on campus will be as bright and cheerful as ever, though the energy crisis has put a crimp in holiday lighting.

The Christmas tree in the Campus Center is trimmed with brightly colored ornaments, wrapped around with a generous swag of tinsel - but no lights.

Crotty Brothers, the College's food service, has baked a mountain of cookies in traditional holiday shapes for the more than 200 children from the community who will be entertained at the President's House during the holidays.

Continued on page 6

Campus Exhibits

Drawings and paintings by Carlton Abbott of Williamsburg, PBK Lobby, ending Fri., Dec. 14

Paintings by Prof. Thomas Elston Thorne, Andrews Hall, ending Sun., Feb. 3, 1-5 p.m. Wed. thru Sun.; closed Dec. 17-Jan. 11

Thomas F. Brummer's Frank Lloyd Wright collection, Wed., Dec. 12-Wed., Jan. 23, Museum, Swem Lib., 8 a.m.-5 p.m. Mon. thru Fri.; 9 a.m.-1 p.m. Sat.

FACULTY NEWS

Applied Science

Glen E. Gordon of the Department of Chemistry at the University of Maryland will speak on "Abnormally Enriched Elements in Urban Atmospheres," Thursday, December 13, at the Applied Science Colloquium. The lecture will be held at 8 p.m. in William Small Physical Laboratory, Room 113.

Biology

The following papers have been published:

"Aspen Callus." L. L. Winton and M. C. Mathes. Chapter 29, Kruse and Patterson, *Tissue Culture: Methods and Applications*. 1973.

"Use of Various Carbon Sources by Isolated Maple Callus Cultures." M. C. Mathes, M. Morselli and J. W. Marvin. *Plant and Cell Physiol.* 14: 384-388. 1973.

Chemistry

David W. Thompson, associate professor, has published the following articles:

"Evidence for the Formation of Apparent Five-Coordinated Tin(IV) β -Diketonate Complexes: The Synthesis and Characterization of the Pyridine Adduct of n-Butyldichloro(2,4-Pentanedionato) Tin(IV)," *Journal of Organometallic Chemistry*, 47, 103(1973).

"Preparation and Characterization of Chloro(Alkoxy) Bis(2,4-Pentanedionato) Titanium(IV) Complexes," *Inorganic Chemistry*, 12, 2190(1973) with T. V. Harris and R. C. Munsey.

"Apparent Five-Coordinate Metal Complexes: Evidence for Trifunctional Bridge Bonding with the 3-Cyano-2,4-Pentanedionato Ligand in the Trichloro(3-Cyano-2,4-Pentanedionato) Complexes of Tin(IV) and Titanium(IV)," *Journal of Coordination Chemistry*, 3, 119(1973) with P. B. Barrett and G. A. Lock.

Mr. Thompson presented a seminar entitled " β -Diketonate Derivations of the Group IV Elements" to students and faculty in the Department of Chemistry at the University of North Carolina at Greensboro on November 2, and has received recently a two-year research grant from the Petroleum Research Fund to pursue a research project entitled "Structure and Synthesis of Group(IV) Metal Complexes Containing Apparent Trifunctional Cyano- β -Diketonate Ligands."

Education

Ronald Wheeler and William Garland, assistant professors, presented a paper entitled "A Model for Dealing with Interpersonal Conflict in the Classroom" at the annual meeting of the National Council for the Social Studies in San Francisco, November 21.

English

Sylvia Wilkinson, a former member of the English Department, was in Richmond last week promoting the sale of her recently published book, *The Stainless Steel Carrot*. Miss Wilkinson has written stories about racing and has published in *True*, *Sports Illustrated*, and *Sports Car* magazines.

A recent recipient of a Creative Writing Fellowship of the National Endowment of the Arts, she is the author of three books, *Moss on the North Side*, *A Killing Frost*, and *Cale*.

History

A. Z. Freeman, professor, presented a paper entitled "The Practice of War in the Late Middle Ages" at the University of North Carolina at Greensboro, November 28. Mr. Freeman's talk was sponsored by the History Department at UNC.

Law School

Scott C. Whitney, professor, last week addressed a symposium on oil and natural gas producers in Enid, Oklahoma, making an informal presentation on environmental strategies to relieve the current energy crisis.

This week Mr. Whitney made a presentation in Washington, D.C. to the National Rifle Association and selected corporate and university leaders concerning the new Environmental Conservation and Resources Center near Raton, New Mexico. This is a project which will begin early in 1974 and when completed will be a unique outdoor laboratory and teaching center concentrating on development of all types of natural resources within acceptable environmental standards.

Kermit L. Dunahoo, assistant professor, is the author of an article in the current *Iowa Law Journal* on "The Scope of Judicial Discretion in the Iowa Criminal Trial Process." Mr. Dunahoo was formerly assistant attorney general of Iowa.

Mathematics

William G. Poole, Jr., assistant professor, recently lectured at the Applied Mathematics Colloquium at Cornell University on "Toward a General Theory of Algorithms for the Algebraic Eigenproblem."

Modern Languages

Jerry C. Smith, E. Morgan Kelley and Gary A. Smith, assistant professors, attended the joint convention of the American Association of Teachers of German and the American Council of Teachers of Foreign Languages in Boston on Nov. 23 and 24.

Maria R. Palmaz, assistant professor, attended a symposium on Bilingual Education Nov. 16 at George Mason College in Fairfax.

Philosophy

Thomas K. Hearn, Jr., associate professor, gave a lecture "Abortion: An Ethical Analysis" at Earlham College on November 19. He also participated in a general college colloquium on a similar topic.

Physics

Igor Alexeff of the Electrical Engineering Department of the University of Tennessee will give an illustrated lecture for general audiences on "Plasma Physics in Japan," Wednesday, December 12, at 4 p.m. in Room 113 of Small Physical Laboratory.

Mr. Alexeff recently spent four months at the Japanese Institute of Plasma Physics at Nagoya. This institute is devoted to studying both plasma behavior (materials at ultra high temperatures) and controlled thermo nuclear fusion.

He will spend part of the afternoon program detailing travels with his wife and two small children under conditions where written and spoken English are practically nonexistent. He will also describe some of the structures and ideas behind the written and spoken

Japanese language and the cultural and philosophical aspects of the country.

Mr. Alexeff will give the second of two scientific lectures on Thursday, December 13, at 4:30 p.m. in Small 109 on "Explaining the Anomalous Success of the Osaka Theta Pinch."

Men's Physical Education

Howard M. Smith, chairman, Mont Linkenauer and Edward Jones, associate professors, attended the Annual Institute on Advances in Health Sciences in Charlottesville on November 8-10.

Steve Haynie, instructor, attended the Annual Health and Physical Education Teacher's Conference, sponsored by the State Department of Education in Natural Bridge, November 29 and 30.

John Randolph, instructor and head track coach, attended the meeting of the NCAA Track and Field Rules Committee as the District III representative. The team placed fourth in the country in the national meet that followed.

Psychology

Mary Anne Kreutzer, assistant professor, and William R. Charlesworth of the University of Minnesota, have recently published "Facial Expressions of Infants and Children," which is a chapter in *Darwin and Facial Expression: A Century of Research in Review*, edited by Paul Ekman and published by Academic Press.

Susan Randers-Pehrson, lecturer, is co-author with C. D. Ward, K. M. Ward, and L. Runion (University of Maryland) of "Birth Order and Dreams" which appears in *Journal of Social Psychology*, 1973, 90, 155-156.

Sociology

Gary A. Kreps, assistant professor, attended the first annual RANN Symposium (Research Applied to National Needs), The National Science Foundation, Washington, D.C., November 18-20. The symposium dealt with national energy, environment, and productivity issues.

Victor Liguori's (associate professor) review of *The American Fishing Schooners 1825-1935*, by Howard I. Chapelle, was published in the November/December 1973 issue of *History Reviews of New Books*.

William and Mary News

Volume II, Number 15
December 11, 1973

Published weekly through the Office of Information Services by the College of William and Mary for faculty, staff and student. Produced by the College News Office, 125 Richmond Road, Mrs. Barbara Ball, Director.

Editor:

Mrs. Eleanor R. Anderson

Assistants:

Miss Sharon Kurtz

Mrs. Gay Money

Miss Carolyn Gray

Mailed to addresses of employees as on record at the Payroll Office, James Blair Hall, to which office address changes should be directed.

Lowance Resumes Duties

Carter O. Lowance has resumed responsibilities as the College's Executive Vice President. He had been on leave of absence since June 15 to serve as director of the gubernatorial campaign of Mills E. Godwin, Jr.

Mr. Lowance, who served as Commissioner of Administration in the Governor-elect's first term 1966-70, declined an invitation to take a post in the new administration because of a number of "personal" considerations, including present plans to retire in 1976, which would fall midway in Governor Godwin's new term.

Holiday Hours Set

CAMPUS CENTER - WIGWAM

Close: Friday, December 14, 5 p.m.
Reopen: Wednesday, January 2, 7 a.m.

* * * * *

SWEM LIBRARY

Friday, December 14, through Tuesday, January 1:

Monday-Friday 8 a.m.-5 p.m.
Saturday: 9 a.m.-6 p.m.
Sunday: 1 p.m.-5 p.m.

Exceptions:

Monday, Dec. 24: Closed
Tuesday, Dec. 25: Closed
Tuesday, Jan. 1: Closed

The regular schedule will be resumed Wednesday, January 2.

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STUDENT HEALTH CENTER

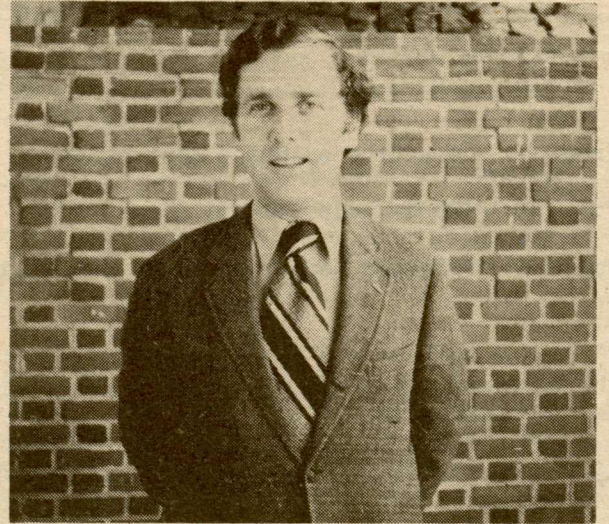
Closes: Friday, December 14, 5 p.m.
Reopens: Wednesday, January 2, 8 a.m.
Students remaining in town who are in need of medical care during this period will have to make arrangements on a private basis, according to Dr. Richard D. Cilley, director of Student Health Services.

CAMPUS PROFILE / Harry Krauss

An assistant in the Periodicals Department of Swem Library, Harry Krauss can trace his involvement in library work to a lifelong interest in books.

Over a period of years, Mr. Krauss has collected over 3,000 hardbound volumes reflecting his interest in subjects including Victorian literature, Anglican Church history and theology and the British sport of cricket. Many of his books are shelved at his home in Williamsburg and others are in his parents' house in Philadelphia. He held an exhibit of rare books in Ft. Hood, Texas.

Mr. Krauss is president of the Virginia chapter of the Victorian Society of America and a member of the affiliated British society. Their purpose is to foster interest in Victorian architecture, the decorative arts and general Victorian culture. "Virginians have forgotten the nineteenth century," he asserts. "They rejoice in the eighteenth century and forget that we had to go through another century to get to this one," he says, emphasizing his belief that there is an incredible wealth of Victorian culture in this country which is often overlooked.



Mr. Krauss is a member of the English-Speaking Union which contributes to Anglo-American relations through the exchange of books, the maintenance of scholarships, and the sponsorship of lecture programs.

A 1967 alumnus of the College with an A.B. in history, he is a member of Bruton Parish Church. He served in the U.S. Army from 1968-72, first as a signal officer at Fort Gordon, Fort Monmouth, and the Pentagon; then as a member of the general staff of Support Command Headquarters in Quinhon, Vietnam. After his promotion to captain, he served at the general staff headquarters of the Third Corps in Ft. Hood, Texas.

In his work at Swem Library, Mr. Krauss is involved with preliminary cataloguing, bibliographic searching and the processing of gifts.

* * * * *

ADAIR POOL

Closed: Friday, Dec. 14 - Jan. 1
Jan. 2 - 16: 12:30-2:30 p.m., unless further cuts in the uses of energy are made.
New recreational swim schedule will be announced next semester.

Campus Security Log

To acquaint the College community with the number and variety of calls answered by the Security Police, we are initiating a weekly Campus Security Log.

12/4, 6 p.m.: Local man reported car stolen in College area.

Investigation made in cooperation with Williamsburg Police. Automobile located behind King dormitory.

12/4, 7:10 p.m.: Called to Phi Beta Kappa field on report of girl screaming.

No girl found. Hampton man sitting on field apprehended. Williamsburg Police called. Man charged with trespassing.

12/5, 12:20 a.m.: Student on Escort duty reported man in Sunken Garden heading for Jefferson dorm.

Investigation made of area around girls' dormitory, Phi Beta Kappa field, Sunken Gardens, inside Washington and Ewell Halls. Police stayed in area over 1 hr. Advised Unit II to make periodic checks of area during night. No trespasser reported following checks.

12/5, 11:15 p.m.: Call from Barrett Hall, three young men "loud," "seemed drunk" according to report.

Three students were apprehended, given warning, I.D. cards taken, returned at Security Office.

12/5, 10:55 p.m.: Call from Ludwell Apartments. Girl screaming.

Statements taken from several people in area confirming report of scream. Search made of area but nothing found.

12/5, 7 p.m.: Student in Brown dormitory reported four girls in Baskin-Robbins complained of being chased by some boys.

Investigation made by Williamsburg Police.

12/6, 11:55 p.m.: Two men apprehended walking toward Bryan Complex parking lot for trespassing, drinking in public and using abusive language.

Williamsburg Police called. Court date set for Jan. 10.

12/6, 12:35 a.m.: Peeping Tom reported in Landrum Hall area.

Two armed units responded and searched area. Two suspects questioned. No action taken. Close check was made of area during entire watch.

12/6, 8:30 p.m.: Accident reported in Phi Mu sorority house.

Williamsburg Rescue Squad called. Injury not serious.

12/7, 1:25 a.m.: End door found unlocked in Landrum Hall by patrolling officer.

Resident advisor locked door within 5 minutes.

12/7, 3:30 a.m.: Two suspicious characters reported in Bryan Hall bicycle parking area. Resident saw two fleeing area before police arrived.

Investigation of area made. No one apprehended.

12/7, 12:30 a.m.: Group of young men reported disturbing peace by residents of duPont.

Investigation revealed it was group of students returning to dorms. No action taken.

12/8, 3:28 p.m.: Man in car reported acting suspiciously in Project Plus area.

Suspect asked to leave area. Check made of all other girls' dormitories to insure he had left campus.

12/9: Call from switchboard. Three men appeared following girls enroute to library.

Two officers investigated. No one of description given found in area. Landrum area also checked.

12/9, 10:35 p.m.: Barrett residents reported hearing girl scream. Uncertain of location.

Several areas searched. Nothing found. Two patrolmen reported following caroling students across campus. "Occasionally someone in the crowd would scream."

Official Memoranda

Report on Space Assignment

From: Committee on Space Assignment Date: Dec. 7, 1973
 To: The College Community
 Subject: Progress Report on Space Assignment

During much of the 1972-73 session, this Committee, with the cooperation of many other members of the College community, worked toward a plan to more effectively utilize available space on the campus. The Committee also sought means to promote equity in space assignments and at the same time to restore certain student housing space to its intended use as promptly as possible.

On June 5, the *William and Mary News* published an outline of a proposal developed by the Committee and forwarded to President Graves. The report concluded with this statement: "With final decisions to be made by the administration early in the Fall semester, it is hoped that firm arrangements could proceed in an orderly fashion throughout the 1973-74 year."

Since then, the possibility of building a new Law Building in connection with the National Center for State Courts has developed. The initial response to the Law proposal has been encouraging. As a result the College has modified its capital outlay requests to include this building and chances of funds for the project in the 1974-76 biennium now appear to be good. Of course, the final decision rests with the General Assembly which will be in session from January until mid-March. This means that this decision may not be known until well into Spring semester.

It is evident that if the new facility is approved for the School of Law, then Rogers Hall and the Marshall-Wythe Building will be available for reassignment and some significant changes will be in order in the original plan. The Committee therefore is proceeding with a further thorough study of space based on the assumption there will be a new law school building. This will involve full consultation with all those who may be concerned. We also are reviewing and making final decisions on the plan of June 5 in the event the new law school is not approved. Both plans will be complete and ready for activation, depending upon the action of the General Assembly. Thus, by the end of March 1974 we will announce a firm space allocation plan for the College, which will be subject to implementation immediately thereafter.

The Committee regrets this remaining degree of uncertainty and hopes the College community recognizes the advisability of this temporary delay. Under the circumstances it could have been to the College's disadvantage to have proceeded with the original plan, and we hope the legislative developments early in 1974 will happily resolve the pending questions.

George R. Healy
 William J. Carter
 Jerry Van Voorhis
 Donald J. Herrmann, ex officio
 Carter O. Lowance, Chairman

36 Seniors Chosen For 'Who's Who'

Thirty-six seniors have been selected for *Who's Who Among Students in American Universities and Colleges* for the academic year 1973-74.

Students and their hometowns are as follows:

From Virginia - Barbara Jean Blake, Alexandria; Christopher Jay Honenberger, Annandale; Barbara Lynne Rambo, Arlington; Jane Lyle Pulliam, Blacksburg; Lewis Anderson McGehee, Jr., and Betty Lee Wright, Fredericksburg; Nancy Lohr Stone, Glen Allen; Michele Maria Garvin, Hampton; Craig Thornton Cornwell, Leesburg; Robert Joseph Barnett, Madison; Earle Alexander MacKenzie and Lemuel Simpson Tucker, Norfolk; James Conway Rees, IV, Richmond; Barbara Lee Dembo, Vienna; Christopher Bram, William Edward Brun, and Linda Ann Newbern, Virginia Beach; Christine Lou Owens, Whaleyville; Glenn Close Wade, Williamsburg; and Brian Patrick O'Boyle, Winchester.

Out-of-state students include: Jeffrey Leonard Greim, Madison, Conn.; Douglas Frederick Pinter, Ridgefield, Conn.; Peggy Scott Hedstrom, Largo, Fla.; Sue Ann Billingsley, Atlanta, Ga.; David George Oelberg, Hyattsville, Md.; Thomas Gamble Duncan, Birmingham, Mich.; Patrick Joseph McAuley, East Orange, N.J.; Cornell Thomas Christianson, Fair Lawn, N.J.; Barbara Stewart Coulter, Fanwood, N.J.; Laurelle Ann Baxter, Lockport, N.Y.; Robert Lippy Moncrief, Hanover, Pa.; Lawrence Scott Diehl, Harrisburg, Pa.; Patricia Anne Mayer, Hershey, Pa.; Barbara Jean Foos, Roslyn, Pa.; Alan Eliot Finder, Washington, Pa.; and William Charles Louv, Wayne, Pa.

Classical Studies Publication

An article, "On Separating the Platonic from the Socratic in *Phaedo* 118," by James R. Baron, assistant professor of classical studies, has been accepted for publication by *Classical Philology*.

Mathematician Speaks on 'Game Theory'

Anatol Rapoport, professor of mathematics and psychology at the University of Toronto, will deliver a public lecture on "Various Aspects of Game Theory," Wednesday, December 12, in Millington Hall auditorium at 7:30 p.m.

His visit to campus is being sponsored by Project Plus, the academic-residential program at the College, and has been made available through a grant to William and Mary by the S&H Foundation, Inc., sponsored by the Sperry and Hutchinson Company. The lecture is part of a series of forums on aspects of "Conflict and Conflict Resolution," which is the main theme of the Project Plus program this year.

Mr. Rapoport was born in Russia, educated in Chicago's public schools, and trained at the Vienna State Academy of Music, where he earned degrees in composition, piano, and conducting. He gave concerts in Europe, the United States, and Mexico for four years before enrolling as a freshman at the University of Chicago in 1937. He received his doctorate in mathematics there in 1941.

He taught mathematics at the Illinois Institute of Technology and was a research assistant and later assistant professor of mathematical biophysics at the University of Chicago, and spent a year at the Center for Advanced Study in the Behavioral Sciences. Prior to his appointment at the University of Toronto, Mr. Rapoport was professor and senior research mathematician at the University of Michigan's Mental Health Research Institute.

Telephone Directory Change

P. 28 - In the listing of Tyree, Sheppard Y., please reverse the order of the phone numbers to read 373 or 399.

Students Invited to Join Counseling Sessions

The Center for Psychological Services has announced several new programs for students.

Discussion of human sexuality will be held during sex rap groups which are held each Thursday afternoon from 4-5 p.m. in the Center. These sessions are open to all interested persons.

In a recent "questionnaire" to students, the Center suggested student participation in group programs for a variety of anxieties.

"Are you unable to study 'cause you don't know what you want to do and all your courses seem meaningless?"

or

"Do you study and study--and then discover you can't remember what you just read?"

or

"Were you an honor student in high school and now you're depressed and barely passing?"

or

"Are you making grades but not friends?"

or

"Are you making friends but finding no time left to study?"

The center suggests "join a group of folks with similar feelings." Groups are being formed at the Center, Rogers Hall, Room 110.

Surplus Property

A current listing of surplus property from the State Department of Purchases and Supply is available from William T. Allen in the Purchasing Department and at the Plant Office.

Items listed, which include office and hospital equipment, are available to departments only and not to private individuals. Items are sold on an "as is - where is," first come, first served basis. Requests for items must be received in Richmond no later than December 28.

PERSONNEL BULLETIN

Employee Handbook

The New *Employee Handbook* for classified personnel, will be distributed to all permanent employees during the week of December 17. Additional copies may be obtained by applying in person at the Personnel Office, 201 James Blair, after January 1, 1974.

1974 Social Security Deduction

Beginning with employee paychecks dispersed in January, 1974, there will be higher deductions for social security than were withheld in 1973. Employees will contribute 5.85% on the first \$12,600 of their gross annual salary instead of on the first \$10,800 as was done in 1973.

Job Openings

The following positions at the College are or will be vacant. Qualified employees who wish to be transferred to these positions may receive additional information at the College Personnel Office. The College of William and Mary is an Equal Opportunity Employer. Accordingly, women and minority employees are encouraged to apply for those positions for which they feel they are qualified.

- Clerk-Stenographer D
- Clerk-Stenographer C
- Clerk-Stenographer B
- Research Admin. Officer - (college degree required)

Letter to the Editor

From: Department of Physics Date: November 19, 1973

To: Editor, William and Mary News

We realize of course that you do not regularly print letters. However, when you print controversial material it may be in the interest of accuracy and fairness to do so.

Oak Ridge National Laboratory has, quite understandably, been a strong advocate of nuclear power for many years. In their ten questions and answers which were presented in the 13 November 1973 issue of the *William and Mary News*, two of the questions (#4 and #8) dealt indirectly with the safety aspects of nuclear power plants such as those operated by VEPCO in Surry County. While the answers to the questions are rigorously correct, the particular questions are obviously chosen so as to allay public fears concerning nuclear power. There are many other aspects of nuclear power that deserve the attention of the public as well: What will we do with the vast quantity of radioactive waste which is imminent as more nuclear power plants come into operation? What might happen if a truck transporting spent fuel rods to a reprocessing plant were involved in a high speed collision? What are the long term genetic effects due to even a small increase in the radiation burden of man? What are the legal limits on radiation from reprocessing plants?

There are many questions and complex issues surrounding the nuclear power controversy. Our society should be allowed to decide if the benefits of nuclear power justify the concomitant risks. In order to make their decision, a meaningful discussion is necessary; Oak Ridge Associated Universities' statements are in this case insufficient, if not misleading.

Similar simplistic statements about petroleum fuels (questions #2 and #5) appear to make these fuels appear as very inefficient and undesirable. This may be true, but similar arguments about the efficiency of mining, transportation, or purification of nuclear fuels are not offered. The public needs education urgently about these problems and decisions. But the oversimplified, self-serving "facts" recited in the "EQ" test are not education of the kind appropriate to a university community.

Sincerely,
 Hans C. von Baeyer
 Jon F. Soest
 Roy L. Champion

E. Q. Test Questions

- #2
 Q. How much of the energy stored in coal burned in a power plant can be delivered to the customer's home as electricity?
 A. One-third of the coal's energy gets to the consumer's home. Further losses in the consumer's appliances result, on the average, in a 94% net loss in the energy before it is ultimately used.

OFFICE OF DEVELOPMENT

National Science Foundation, Division of Social Systems and Human Resources--

Program Solicitation: Decision-Related Research on the Organization of Service Delivery in Metropolitan Areas. Guidelines available in this office.

Division of Environmental Systems and Resources: The publication, *Summary of Awards, 1973*, which indicates this Division's support of 108 projects in three principle areas for a total of \$22,537,023, is available for those who would like to read of this agency's activities.

Doctoral Level Biomedical Research Fellowships Available Now

The Department of Health, Education and Welfare announced that it will accept applications immediately for fiscal 1974 fellowships under a new program of training at the post-doctoral level in the biomedical sciences. Awards will only be made for advanced training in research in specified shortage areas in biomedical and health-related sciences.

Postdoctoral research fellowships of \$10,000 each will be awarded on a competitive basis to U.S. citizens. Institutions where the fellows train will receive up to \$3,000 per year to defray research costs.

OE Announces Grant Application Deadlines for Several Minority Programs

The Office of Education has announced application deadlines for college and university programs which are authorized under the Civil Rights Act of 1964 and the Emergency School Aid Act.

Applications for grants to conduct institutes for public school personnel to improve their effectiveness in dealing with educational problems incident to desegregation should be submitted by December 26, 1973.

Grant applications for bilingual/bicultural curriculum development and for producing integrated television programs for elementary and secondary school children must be submitted by February 15, 1974.

OE Announces Grant Deadlines for Education of the Handicapped

Grant applications for new awards for centers and services for deaf-blind children and early education for handicapped children must be received by December 26, 1973, and applications for continuation grants to conduct research on the education of the handicapped must be submitted by April 15, 1974, the Office of Education announced.

Information is available in this office.

- #4
 Q. What fraction of radiation to which Americans are exposed comes from nuclear power plants and nuclear fuel reprocessing plants?
 A. Nuclear power plants account for almost none of the radiation to which Americans are exposed. The average American is exposed to:
 40,000 times as much radiation from outer space
 60,000 times as much from his immediate surroundings
 25,000 times as much from his own body
 100,000 times as much from his house if it is made of stone
- #5
 Q. How much of the energy stored in crude petroleum is lost in the series of processes between the oil well and a moving car?
 A. Ninety-four per cent of the energy in the gasoline from crude petroleum is lost in making your car move. The efficiencies of the most important steps where energy is lost are:
 producing the crude oil 96%
 refining. 87%
 gasoline transport. 97%
 engine thermal efficiency 29%
 engine mechanical efficiency. 71%
 rolling efficiency. 30%

- #8
 Q. Where would you be exposed to more ionizing radiation?
 A.

	Relative amount
	of radiation
Nuclear power plant	1 unit
Jet flight	2 units
Watching color TV	10 units

Children in Circle K programs, Headstart, the Williamsburg Area Day Care Center, the Williamsburg Pre-School for Special Children and some youngsters from Matthew Whaley and Jamestown Academy will visit the President's House starting tomorrow through Dec. 21.

Mrs. Virginia Hughes, resident director at Landrum Hall, has been accumulating an interesting collection of handmade ornaments for the tree in the President's House which will be splendidly trimmed for the season.

Arrangements in the House have been made by Mrs. R. S. Hornsby and Mrs. Y. O. Kent as Christmas at the President's House becomes a really community affair.

Members of the College community including faculty and staff will be entertained by President and Mrs. Graves on Tuesday, December 18, 3-8 p.m.

Interhall, a new organization, part of the expanded Student Affairs program on campus, added a tuneful note to the traditional Yule Log Ceremony last Sunday. A 10-piece brass band led carolers around the campus for stops at residence halls for refreshments and a chance to see holiday decorations.

Cecil Houk of Williamsburg, who has been a part of the musical scene in town for many years, brought his banjo to the Great Hall of the Wren Building Friday afternoon to entertain members of the English Department, concentrators and their families.

There is a touch of sadness in the announcement of the choir and chorus concerts this year - "Messiah," this year's concert, will be Carl A. "Pappy" Fehr's final holiday production before his retirement. However, he will also direct the choir and chorus in concert on May 2 and 3.

DuPont is probably the most decorated building on campus. Arrangements, some modern, some traditional, have been put up by residents on each floor.

Individualized decorations are to be found around the campus as the holiday approaches.

As their gift to the campus at Christmas, President and Mrs. Graves have furnished wreaths for the President's House, the Brafferton and Ewell Hall.

Service projects for children and needy families in the community have been initiated by student groups including fraternities and sororities.

Spanish House Festivities

At least one dormitory on campus began to celebrate the Christmas season with special weekend festivities. The Spanish House held its party on Friday, December 7, with 65 people present for a buffet dinner. Phyllis Harden, a second year law student, planned the party as her personal Christmas present to residents of the Spanish House where she is resident advisor.



Try this Recipe for Swiss Christmas Cookies



Wendy Anstaett, a junior from Olean, N.Y., is president of the AFS chapter this year. Carlos Monseratte, a graduate student in physics from Leavenworth, Kansas, and Janet Dysinger, a sophomore from Eden Prairie, Minn., are co-directors of the International Circle.

One of the international recipes used at Saturday night's dinner is printed below:

Swiss Christmas Cookies

1-1/4 cups honey
3/4 cup shortening
2 cups sugar
1/4 cup fruit juice
Grated rind of 1 orange
Grated rind of 1 lemon
2 cups unblanched almonds, chopped
10 cups cake flour
1 teaspoon salt
1 teaspoon cinnamon
2 teaspoons nutmeg
1 teaspoon cloves
4 teaspoons baking powder

Melt honey and shortening together over hot water. Add sugar and fruit juice and stir until dissolved. Add grated rinds of orange and lemon, chopped almonds, and the dry ingredients which have been sifted together. Chill in refrigerator. The dough may be kept several days to ripen or used at once. Roll about 1/8 of an inch thick and cut in strips of 2x2-1/2" in size. Bake at 300° F for 20 minutes. Can frost with confectioners icing. Makes 180 cookies.

International Circle and the American Field Service (AFS) chapter on campus held an international Christmas dinner Saturday evening in the Campus Center.

Each student prepared a native holiday dish for the gourmet meal.

Residence Hall Life

Student Residence Closings

In an effort to improve security and conserve energy, all student residences will be closed at noon on Saturday, December 15, and will remain closed until noon on Tuesday, January 1.

During this period the card-key system will be de-activated and students who have been issued front door keys will be required to leave them with the Resident Director/Advisor.

In an effort to conserve energy students have been requested to disconnect all electrical appliances when they leave, and turn off all lights, except those in hallways. Heat in residence halls will be lowered to 40 degrees.

In an effort to improve security, students have been asked to check and secure all windows before leaving and report any maintenance work needed to

insure that all windows are securely closed. A final check of all windows will be made by members of the residence staff beginning at noon on Saturday.

Holiday Lodging for Students

The Office of Residence Hall Life is assisting students who must stay in the Williamsburg area during the Christmas vacation.

Any faculty or community resident who is planning to be away during the holidays and would like to have a student "house sit" or "pet sit" is asked to contact Dean Morris Wray's office.

Students looking for lodging during the holidays are asked to check the Office of Residence Hall Life periodically to learn whether such possibilities exist.

Students working for Colonial Williamsburg have been asked to make arrangements to stay in the Franklin House by contacting the CW employment office.

Women's Club to Hear Concert

Members of the College Women's Club will hear a concert by James S. Darling at the Wren Chapel at 10:30 a.m. on Friday, January 4. Mr. Darling is organist and choirmaster at Bruton Parish Church.

Refreshments will be served in the Great Hall following the concert.

Club members who wish to make arrangements for a babysitter should call Mary Schudel at 229-5265.

Car Pool Listing

Name	Area	Ext.
H. W. Seldon	Charles City	409
Y. J. Kim	Charisma Town Houses on Route 60	486
L. Cowles	Toano area - has space for 3 riders	263 6:30 a.m.- 3 p.m.
G. Thisdell	Newport News (Glendale-Winterhaven)	524, 525

Circus at W&M Hall

Special advance ticket prices will be available to students, faculty and staff for the Emmett Kelly, Jr., all-star circus which is coming to William and Mary Hall, Monday, December 17.

Members of the campus community may purchase tickets for half price before December 15 for the two performances at 4:30 and 8 p.m. Tickets are available at William and Mary Hall.

Christmas Season Celebrated

Several fraternities and sororities, and campus service and interest groups are in the midst of celebrating Christmas in a variety of ways.

Circle K held three Christmas parties, in conjunction with several fraternities and sororities, this past weekend. On Saturday afternoon, Circle K and Pi Lambda Phi fraternity held a Christmas party for the 6-9 year old children from the Chickahominy area at the Pi Lam house. Lunch was served and each child received a book and a toy.

Also on Saturday afternoon, Chi Omega sorority and Circle K sponsored a Christmas party for the 10-12 year olds from Chickahominy at St. Bede's Catholic Church. The children received books and lunch was served.

On Sunday afternoon, Delta Delta Delta sorority, along with Kappa Sigma fraternity and Circle K, gave a Christmas party for 6-11 year old children from the Mooretown area at the Kappa Sigma fraternity house. Santa Claus was on hand to give books and toys to the children and refreshments were served.

Circle K will hold an additional Christmas party for the children in the pre-school program this Thursday afternoon.

Interest groups on campus have planned various Christmas activities. The German Club will hold a "Weihnachtsfest" for William and Mary students and faculty, as well as area high school German students this Thursday, in the Campus Center Little Theatre at 7 p.m. Christmas films in German will be shown, refreshments will be served and German Christmas carols will be sung.

Pi Delta Phi French honorary society held a Christmas dinner serving French food last Thursday, at the French Language House, and Delta Sigma Rho-Tau Kappa Alpha honorary debate fraternity is planning a Christmas party for all 20 debaters at debate coach Pat Micken's home.

The Baptist Student Union held a semi-formal Christmas dinner in the Campus Center Little Theatre, Saturday. They have also planned a Christmas party for the inner-city youth of Newport News for Tuesday. They paid a Christmas visit to the Virginia Baptist Home, a retirement home in Newport News, where many members have "adopted grandparents," last Tuesday evening, December 4.

Delta Omicron, and Phi Mu Alpha, the men's and women's national music societies, led the carol-singing at the annual Yule Log Ceremony held last Sunday, December 9 in the Wren Courtyard.

The Lutheran Students Association will hold Christmas Candlelight Service for the campus and Williamsburg communities, Tuesday evening, December 11, at the St. Stephen Lutheran Church on Jamestown Road at 10:30 p.m.

Circle K Holds Holiday Party for Children



The new Circle K bus, Blue Max, departs with its student volunteers from the white frame building on Boundary Street around 2:15 p.m. each weekday. The bus travels through the Chickahominy area (while a van goes to Mooretown District), picking up children along the way to take them to two cinderblock buildings, constructed by Circle K members over the past few years, where the children play and work with the student volunteers until around 5 p.m. in pre-school activities. Last week, they had a special guest, President Thomas A. Graves, Jr., (top), who found himself surrounded by curious children, asking him who he was. In the course of the afternoon, the children decided he must be another of the fun kids from William and Mary as he joined in the activities, painting tiny Christmas trees, tossing a miniature football in the brisk fall afternoon, and building a makeshift incline for the toy cars to glide down. As the afternoon wore to a close, the students, the kids, and the President topped the day off with cookies, orange juice and milk.

Sigma Pi fraternity held its annual Christmas party Friday, in the Campus Center Little Theatre. Members will also participate in the College-wide Christmas caroling scheduled for Wednesday evening, December 12.

Phi Kappa Tau gave a party for its members last Saturday, and the fraternity is making a Christmas contribution to the Williamsburg Community Christmas Drive.

Pi Kappa Alpha fraternity will make a Christmas donation to the Tidewater Region of the Virginia Lung Association. They held a Christmas party for members and their dates Sunday, December 9.

Lambda Chi Alpha held its annual Christmas formal dance last Saturday, in the Campus Center. The fraternity will sponsor a Christmas reception for freshmen this Wednesday, December 12, at the fraternity house at 8 p.m. and is making a Christmas contribution to

the Community Action Agency for its annual Christmas Basket Drive.

Kappa Alpha Theta sorority held a Christmas party for Eastern State patients at the hospital last Wednesday evening, December 5. The girls sang carols and brought food to the patients. The sorority has also made a donation of money and Christmas gifts to the Williamsburg Jaycees for the patients at Eastern State.

Pi Beta Phi sorority is currently involved in two Christmas projects. At the annual Christmas party held for members Monday night, December 10, food was collected for Christmas baskets to be given to needy families in the Newport News area. Sorority members are also gathering newspapers to be sold to the Williamsburg Pottery Factory, proceeds from which will be used to buy gifts for welfare families in Newport News for Christmas.



TUESDAY, DECEMBER 11

Teacher Placement Interviews: Newport News School System, 9 a.m.-4:30 p.m., by appointment only
 Varsity Swim Meet: W&M vs. V.M.I., Adair Pool, 4 p.m.
 Interhall: CC, Room C, 4 p.m.
 Amateur Radio Club: CC, Green Room, 7 p.m.
 SA Senate: CC, Theatre, 7 p.m.
 Catholic Mass: Wren Chapel, 7 p.m.
 Basketball: W&M vs. Richmond, W&M Hall, 8 p.m., \$3
 Fellowship of Christian Athletes: CC, Room D, 8 p.m.
 Choir and Chorus Christmas Concert: "The Messiah" with the College-Community Symphony Orchestra. Directed by Carl Fehr. PBK, 8:15 p.m., \$1.50
 French Discussion Group: Botetourt Residences Unit 6, Lobby, 9:30 p.m.
 Spanish Discussion Group: Botetourt Residences Unit 9, 10 p.m.
 Placement Office Interviews: Norfolk & Western Railway, Roanoke, business (student should have an interest in the railroad industry), management training-operations program; Wake Forest University Graduate School of Management, Winston-Salem, N.C., prospective students

WEDNESDAY, DECEMBER 12

Teacher Placement Interviews: Williamsburg-James City County School System, 9 a.m.-4:30 p.m., by appointment only
 School of Education Faculty Meeting: CC, Room C, 2 p.m.
 Theatre Department Film: "Tops is the Limit," Andrews 101, 2 p.m.
 Panhellenic Council: CC, Room C, 6:30 p.m.
 Circle K: CC, Rooms A&B, 7 p.m.
 Council of Graduate Deans Organ Recital and Candlelight Tour of Wren Building: Wren Chapel, 7:30 p.m.
 Project Plus Forum: Millington Aud., 7:30 p.m.
 Visiting Scholar: John G. Stoessinger, CC, Theatre, 8 p.m.
 Choir and Chorus Christmas Concert: "The Messiah," with the College-Community Symphony Orchestra. Directed by Carl Fehr. PBK, 8:15 p.m., \$1.50
 SA Film: "Oliver," W&M Hall, 8:30 p.m.
 Placement Office Interviews: Waller & Woodhouse, CPA firm, Norfolk

THURSDAY, DECEMBER 13

Teacher Placement Interviews: Nansemond City, Suffolk, School System, 9 a.m.-12 noon, by appointment only
 Informal Coffee Hour: French Language House, Botetourt Complex Unit 6, 3-5 p.m., all interested students and faculty welcome
 Christian Science Organization: CC, Green Room, 4:30 p.m.
 Episcopal Holy Communion: Wren Chapel, 5 p.m.
 German Club Christmas Party: CC, Theatre, 7 p.m.
 German Cultural Series Film: "Deutschlandspiegel," Botetourt Residences Unit 5, Lobby, 8 p.m.
 Choir and Chorus Christmas Concert: "The Messiah" with the College-Community Symphony Orchestra. Directed by Carl Fehr. PBK, 8:15 p.m., \$1.50
 Choir Reception: CC, Sit 'N Bull Room, 9:30 p.m.
 Spanish Discussion Group: Botetourt Residences Unit 9, 10 p.m.

FRIDAY, DECEMBER 14

Theatre Department Films: "Movies of the 30's" and "The Big Broadcast," Andrews 101, 2 p.m.
 End of classes, 5 p.m.
 Wrestling Match: Blow Gym, 6 p.m.
 Hillel: Temple Beth El, 7:30 p.m.

SATURDAY, DECEMBER 15

Law School Admissions Test: Millington Aud., 8 a.m.
 Organ Recital: Wren Chapel, 11 a.m.

SUNDAY, DECEMBER 16

no activities scheduled

MONDAY, DECEMBER 17

Emmett Kelly, Jr. Circus: W&M Hall, 4:30 & 8 p.m., adults \$2, children \$1

TUESDAY, DECEMBER 18

Faculty-Staff Christmas Party: President's House, 3-8 p.m.

WEDNESDAY, DECEMBER 19

Organ Concert: Wren Chapel, 11 a.m.

THURSDAY, DECEMBER 20

Organ Concert: Wren Chapel, 11 a.m.

FRIDAY, DECEMBER 21

Organ Concert: Wren Chapel, 11 a.m.
 Hillel: Temple Beth El, 7:30 p.m.

SATURDAY, DECEMBER 22

Organ Concert: Wren Chapel, 11 a.m.

SUNDAY, DECEMBER 23

no activities scheduled

MONDAY, DECEMBER 24

Organ Concert: Wren Chapel, 11 a.m.

TUESDAY, DECEMBER 25

no activities scheduled

CLASSIFIED ADVERTISEMENTS

FOR SALE

Ski boots. Rieker (size 7-1/2): great for beginners; best offer. Lange Standard (size 9): \$30 or best offer. Call 229-5229 after 4 p.m.

1972 Plymouth Fury III, 2-Dr Hardtop, PS/PB/AC. 20,000 miles. \$2395. Kent Tedin, 229-7043 between 5:30 and 7 p.m.

A different present? How about a sheet of music and text from an 18th century missal. A limited number available of large, decorative sheets printed in red and brown letters. Handsome when framed. 229-7432.

Girls' 20" Spider bike. Shocking pink. Excellent condition. \$18. Phone 229-4083.

Girls' three-speed racing style bicycle in good condition. \$35. 229-2586.

WANTED

Car pool: Yorktown to Williamsburg. Mon.-Fri. 8 a.m.-5 p.m. Call Ann O'Neal, 898-6459.

Wanted to Rent: Furnished house or apartment for Dr. Larry C. Oglesby, wife and two children (elementary school age), who will be visiting the College for the academic year 1974-75. Before Jan. 25, please contact Charlotte Mangum, ext. 240 or 564-9881. After that date, please write directly to L. C. Oglesby, Associate Professor of Zoology, Pomona College, Claremont, Calif. 91711.

Female roommate wanted: To share a 2 bedroom apartment. Pool, wall-to-wall carpeting, air conditioning, and 2 miles from campus. I can provide transportation. Call 220-1695 after 5 p.m.

Wanted to rent: 2 bedroom furnished apt. or small house for 2nd semester. Call 229-8015. Box 2256. Ask for John Hollis or Jim Theobald.

MISCELLANEOUS

If these names mean anything to you, I have a letter from "Albiera" which belongs to you: Mark, Marcial, Marco Chiarini, Eve. Call 229-2055.

Perfect Christmas gift: a lovely kitten, choice of two gray/black females or two orange-striped males. Call 229-0727.

FOR RENT

Furnished Apartment, inexpensive, 2 miles from campus. Married couple only. No pets or children. 229-1929.

Holiday visitors? Large, comfortable local apt. Available Dec. 15-Jan. 1. Short walk to CW area. Reasonable rental, entire period only. Good local reference required. 229-3868.

2 bedroom unfurnished apartment, available January 1. \$150 per month plus electricity. Call 229-3919.

LOST

Gray cat with white markings. Wearing clear plastic flea collar. Lost in vicinity of new Tidewater Bank, Richmond Road & Matoaka Ct. Call Nancy Buckley, 220-0007.

College of William and Mary
 Williamsburg, Virginia 23185

FOUND

Small radio found at Student Health Services Center. AM-FM Sony. Contact Mrs. Bettye Bracey, head nurse.

Ladies watch found in Morton Hall. Contact the News Office, Ext. 331, 371.

Set of contact lens in yellow case and pair of gold-rimmed glasses found in Student Health Services Center. Contact Mrs. Bettye Bracey, head nurse.

Gold wire-frame bifocals found beside car on Campus Drive just before turn-off to old fraternity lodges. Contact News Office, Ext. 331 or 371.

Three abandoned girls' bicycles have been found, one at W&M Hall, and two at Swem Library. Owners should contact the Security Office, Ext. 596 or 597 for information.

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