UPUB I7.002

OUTLOOK

Kick Off for Engineering Centennial Begins September 17

In 1994, the College of Engineering will be 100 years old. But the year-long birthday party begins on September 17, when the college hosts a number of events to kick off the Centennial Year of Celebration.

The entire university community is invited to attend the Centennial Picnic on Friday, September 17, from 1 to 4 p.m. on the Engineering Class-room Building lawn. Join College of Engineering faculty and students for food, games and demonstrations of recent student projects such as the solar car, concrete canoe and walking robot. Admission is free.

Later that same day, the college will host the Centennial Celebration from 7 to 11 p.m. at the Maryland Science Center at Baltimore's Inner Harbor. In addition to free-reign of the Science Center, the evening's entertainment will include special presentations of the IMAX film, "The Fires of Kuwait," and a new video about the college and its centennial. There will also be a full buffet. A free, round trip shuttle will depart campus for Baltimore at 6 p.m., but space is limited and advance reservations are required. Admission is $25 per person; $12.50 for children under 12.

On Saturday, September 18, the college will sponsor a 4 p.m. tailgate party at President and Mrs. Kirwan's Home, prior to the 7 p.m. home football game against West Virginia. Admission to the tailgate party is $15 per person; game tickets are $20 per person.

ENGINEERING 100

MARYLAND
ENGINEERS:
DESIGNING
TOMORROW
TODAY 1894 1994

Centennial Events

In addition to the September 17 and 18 kickoff events, other Centennial Year of Celebration events include the following:
- 34th Annual Engineering Bull Roast (October 3)
- Homecoming (October 16)
- A seminar on "Technology and the Law" (November 4)
- A holiday concert and reception (December 4)
- Commencement (Dec. 23)
- Engineers Week, where engineering alumni, students and faculty visit 100 elementary and secondary schools in honor of the college's centennial (February 21-25)
- Outing to Camden Yards (April)
- 1934 and 1944 class reunions (May 18-19)
- Commencement (May 19)
- Centennial symposium and banquet (May 20).

Lectures and presentations will take place through out the 1993-94 academic year. For more information on any of the above activities, call Pam Stone at 405-3854.

INSIDE

University Licenses Voice Response Software To AT&T

The university's Office of Technology Liaison recently negotiated a licensing agreement with AT&T for the CONNECT™ Family of Innovative Voice Response applications developed by the university.

The applications, developed by Mark Katsouros, Jonathan Rood and Sukij Yongpiyakul of the Department of Communication Services, are designed for use with AT&T's CONVERSANT® Voice Information System.

The CONVERSANT system allows callers to gain access to information by pressing touch-tone keys or through speech recognition. This type of system is commonly used by businesses to provide information to consumers, such as movie listings or bank account balances.

Since most companies must custom design any voice processing software, the CONNECT applications will save AT&T's business customers time and money by offering them pre-packaged, easily implemented software. Among the licensed applications are a security tool called FRED™ and an automated directory package called PAMELA™.

When asked about the names, Mark Katsouros, CONNECT's primary developer, said, "I wanted to humanize the applications by giving them human names to which people can relate."

The FRaud Elimination Device (FRED) monitors and records suspicious or peculiar calling patterns, then calls the users to warn that their fraudulent efforts have been identified and strongly suggests that they cease their activities immediately. FRED also identifies users who are having difficulty using the system and notifies them with suggested solutions or phone numbers to call for assistance.

The People And Machine Electronic Locating Assistant (PAMELA) serves as an automated directory system by providing key telephone contact information. Businesses can utilize PAMELA in a number of ways, including having a directory of off-site personnel such as repair technicians or sales representatives. PAMELA can also be used to store the many phone numbers of employees—phone, facsimile, pager—in a directory that can be accessed by keying in the first few letters of the person's last name.

"This agreement builds on our close relationship with the University of Maryland at College Park to offer the benefits of these innovative voice response applications to all our customers," said Barry Weinbaum, market manager for AT&T voice processing. "Our studies show that businesses will benefit from applications such as a personnel locator, and system diagnostic and monitoring services to improve security, streamline operations, and boost customer service."

The terms of the non-exclusive license include a 7-year option which allows AT&T to evaluate for license over 40 more CONNECT applications currently developed by the University and any new applications developed during that period.

"We believe this is just the beginning of our licensing relationship with AT&T. The other CONNECT applications have the potential to fit well into AT&T's technology portfolio for business services," said Carolyn Garrett, information sciences technology manager for the Office of Technology Liaison.
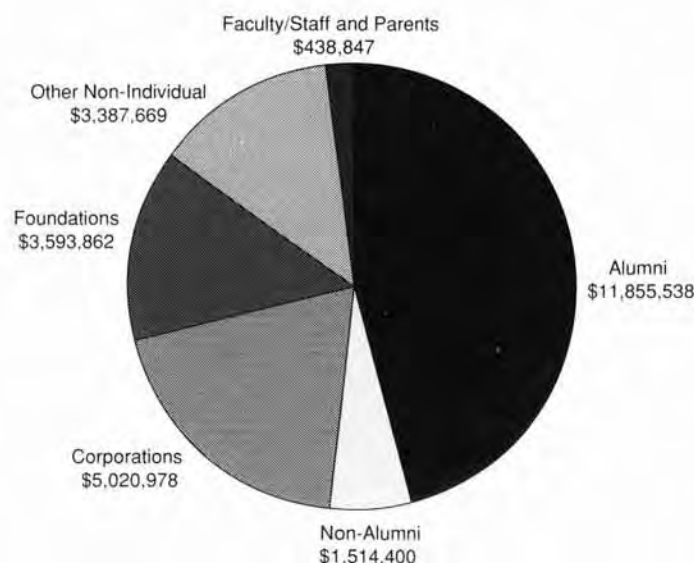
Dining Services Takes Over Dairy Sales Room

Regulars at the Dairy Salesroom in Turner may have noticed new faces behind the ice cream counter. On August 30, Dining Services took over operation so the Department of Animal Sciences staff could move into their new facility. While the ice cream tastes the same, Dining Services has added some new items. The Dairy Sales Room will also begin accepting TERRAPIN EXPRESS cards. Comment cards are available at the register to provide suggestions. Patrons may also call Dining Services at 314-8054 for more information.

Alumni Giving Nearly Doubles in FY '93

Compared to FY '92, campus fund-raising activity showed dramatic increases in FY '93. Overall giving is up $7,670,452 or 42 percent; cash gifts are up $5,753,531 or 43 percent. Also, overall alumni giving is up $6,342,250 or 115 percent, and overall corporate giving is up $1,313,230 or 35 percent.

In five years, total giving to the university has nearly doubled. In FY '93 total giving was $25,811,294 compared to $13,468,669 in FY '89.

FY '93 Campus Fund Raising Totals by Constituency

- Faculty/Staff and Parents $438,847
- Other Non-Individual $3,387,669
- Foundations $3,593,862
- Alumni $11,855,538
- Corporations $5,020,978
- Non-Alumni $1,514,400

UMS Revises Family and Medical Leave Policy

As a result of the 1993 Family and Medical Leave Act (FMLA), the University of Maryland System has revised its policy regarding unpaid leave for family and medical reasons.

Under the old UMS policy, established in the late '80s, eligible employees were granted 12 weeks of unpaid family and medical leave, according to Rythee Wilkes, assistant director of Personnel Services. But the old policy applied only to classified and associate staff, and continued health insurance for an eligible employee, but at a higher cost to the employee to cover the university's share of health insurance coverage.

The new UMS policy, adopted at the August Board of Regents' meeting, reflects the sweeping protections afforded under the FMLA. The 12 weeks unpaid leave apply to all university employees and an employee's health insurance coverage will be continued at the same pre-leave rate.

The following is a summary of rights under the Family and Medical Leave Act of 1993:

FMLA requires covered employers to provide up to 12 weeks of unpaid, job-protected leave to eligible employees for certain family and medical reasons. Employees are eligible if they have worked for a covered employer for at least one year, and for 1,040 hours during the previous 12 months, and if there are at least 50 employees working within 75 miles.

Reasons for taking leave: unpaid leave must be granted for any of the following reasons:
- To care for the employee's child after birth, or placement for adoption or foster care;
- To care for employee's spouse, son or daughter, or parent, who has a serious health condition; or

- For a serious health condition that makes the employee unable to perform the employee's job.

At the employee's or employer's option, certain kinds of paid leave may be substituted for unpaid leave.

Advance Notice and Medical Certification: the employee may be required to provide advance leave notice and medical certification. Taking of leave may be denied if requirements are not met.
- The employee ordinarily must provide 30 days advance notice when the leave is "foreseeable."
- An employer may require medical certification to support a request for leave because of a serious health condition, and may require second or third opinions (at the employer's expense) and a fitness-for-duty report to return to work.

Job Benefits and Protection:
- For the duration of FMLA leave, the employer must maintain the employee's health coverage under any "group health plan."
- Upon return from FMLA leave, most employees must be restored to their original or equivalent positions with equivalent pay, benefits, and other employment terms.
- The use of FMLA leave cannot result in the loss of any employment benefit that accrued prior to the start of an employee's leave.

Unlawful Acts by Employers: FMLA makes it unlawful for any employer to:
- Interfere with, restrain, or deny the exercise of any right provided under FMLA;
- Discharge or discriminate against any person for opposing any practice made unlawful by FMLA or for involvement in any proceeding under or relating to FMLA.

Enforcement:
- The U.S. Department of Labor is authorized to investigate and resolve complaints of violations.
- An eligible employee may bring a civil action against an employer for violations.

FMLA does not affect any Federal or State law prohibiting discrimination, or supersede any State or local law or collective bargaining agreement which provides greater family or medical leave rights.

For additional information, contact the Employee Relations section of the Personnel Services Department at 405-5651, or the nearest office of the Wage and Hour Division, listed in most telephone directories under U.S. Government, Department of Labor.

Campus-wide Information System Grows and Changes

This semester, inforM (Information for Maryland) is undergoing great growth and change. The most exciting development is the increasing availability of classroom support materials. Colleges, schools and departments are providing specific information about classes, including syllabi, study guides, exam schedules, assignments, and bibliographies, all of which can be placed on-line.

In addition, inforM features a comprehensive list of campus events, graduation requirements, listings of approved courses, policies and procedures for faculty and staff, a condensed summary of the *Chronicle of Higher Education*, Emporium computer prices, and much more all via the campus network and dial-up lines.

This summer, English Department faculty member Theresa DiPaolo blazed the "paperless classroom" trail by providing the assignments, exam procedures, study guides, and syllabus for her "Baroque and Augustan British Literature" class on inforM. Many more departments and colleges will be posting similar information, allowing students to read it any time they have access to a networked computer.

Lending structure to this classroom information is the Undergraduate Catalog, now available electronically. The catalog, which describes graduation requirements, advising, course descriptions, and more, is broken into several subcategories within the Academic Programs directory under inforM's Educational Resources menu. (The inforM directory structure is often many layers deep, but the titles of its more than 12,000 files can be quickly scanned for arbitrary keywords through the Search Title feature.)

Other inforM features include:
• The most comprehensive and timely events calendar on campus. Included are educational, entertainment, social, and sporting events. A Master Calendar lists activities by date, time, and location and provides a brief description of the activity and any costs that might be involved. It is even possible to search the calendar using keywords for a specific event.
• Easy access to other information resources, like VICTOR (the UMS online catalog), as well as other library resources throughout the world.
• The SEATS program, from which students and advisors can review discipline requirements, look at course materials for a particular class, and then check SEATS to see if a class is still open.

People can also transport themselves easily throughout the world via "gopherspace" and find extraordinary resources available for their research or instructional activities. Literally hundreds of other universities, colleges and other organizations have information systems like inforM, which can be used to access them simply and quickly.

Users also have immediate access to summaries of the *Chronicle of Higher Education* or up to date weather forecasts or the *Federal Register* or the Faculty/Staff Telephone book at Michigan State University, even though the information is housed at other institutions.

A number of the resources on inforM are made available through the cooperative efforts of several groups at College Park, such as the Computer Science Center, the Administrative Computer Center, campus libraries, the Office of Student Affairs, and faculty and staff. The information providers are very interested in making available information that will be useful to the campus. Feedback and suggestions on what to include on inforM can be sent via electronic mail to inform-editor@inform.umd.edu. Requests to be an information provider can also be submitted to this address.

Free access to inforM is available for faculty, students, and staff from Workstations at Maryland (WAM) labs, OWLs (Open Workstation Labs), the office, dormitory, or classroom. Anyone from off campus—whether across the street or around the world—can also access most of the information found on inforM.

How to Get inforM

To access inforM from any networked computer, telnet to: inform.umd.edu (do not include a period after edu).

You will be prompted for your terminal type; a list of possibilities can be requested by typing a question mark (?). For users of Office Vision, the system can be accessed by simply typing inform at the command line.

To keep up to date with the latest additions to inforM, you can subscribe to the INFO-L LISTSERV list by sending electronic mail to: listserv@umdd.umd.edu (do not include a period after edu). On the first and only line of your mail message, type: subscribe info-l your first name your last name (do not include a period after your last name).

This summer there was an average of 42,000 user contacts per month on inforM.

If users have any trouble making a connection, they should contact the CSC Consulting Service at 405-1500; problems connecting to inforM from Office Vision should be directed to the Administrative Computer Center Help Desk at 405-7763.

—Deborah Mateik, manager of inforM

Towards the Paperless Office

Three new administrative uses of electronic information services are helping to reduce paper work and improve communication.

• **Academic Resource System** (ARS) is an electronic appointment and reappointment system for faculty, instructors/lecturers, and associate staff. Developed by the Administrative Computer Center and Personnel Services, ARS operates on the university mainframe and includes such information as an appointee's title, salary, course load and visa requirements.

ARS has a built-in routing system through the approval chain that notifies hiring officials when their action is required on an appointment. Chemistry is the first unit to use ARS, which will be phased into operation this academic year.

• **Office of Research Administration and Advancement** (ORAA) has developed a system that will speed the flow of information on contract and grant awards back to colleges and departments. The ORAA system tracks all contract and grant information as proposals leave campus, which helps report success and failures to colleges, departments and principle investigators.

• **Financial Accounting System** (FAS) email is designed to distribute financial statements to colleges and departments electronically. The Administrative Computer Center has worked with the Colleges of Engineering and Computer, Mathematical and Physical Sciences to design reports that help these units in their day-to-day management.

University Works with P.G. Summer Youth Program

For the second year in a row, the university worked with the Private Industry Council (PIC) of Prince George's County to provide summer jobs for youth. According to Wally King, a personnel officer in Personnel Services, 75 P.G. county high school students, ages 14 to 18, worked as support staff in several campus departments this summer. Last summer, 30 students worked on campus through the program. In addition to providing teens with jobs and helping campus units, some students got a chance to take college classes through the university's Academic Achievement Program."The kids were great to work with," says King, who helped match students with job sites on campus. "Some who might never have considered going to college got a glimpse of what it could be like."

CHEMCONF Could Revolutionize Academic Conferencing

Thanks to electronic mail and an enterprising chemistry professor, more than 450 chemists from 33 countries attended the "Applications of Technology in Teaching Chemistry" conference this summer by simply turning on their computers.

Instead of a hefty registration check, researchers merely sent a "subscribe CHEMCONF" message to a conference email address set up by chemistry Professor Thomas O'Haver and sponsored by the American Chemical Society Division of Chemical Education. In exchange, they were automatically registered for the conference which began on June 14 and concluded in mid-August.

Before the conference, participants submitted and received papers for peer review. During the conference, they accessed computer-generated plots, scanned instrument chart recordings, and even digitized color photos of students working in a lab; participated in lengthy discussions of selected papers; received feedback on their own comments; downloaded software; and evaluated the conference. After CHEMCONF, they received an electronic transcript (more than 150,000 pages) of all the proceedings, which two publishers have inquired about publishing on a CD-ROM disk.

Participants gave the conference rave reviews for its accessibility and quality of discussion. "Since I am deaf...this is the first conference in which I have been able to participate fully and not feel disadvantaged in any way," wrote one participant.

"Do you have any idea how much it would mean to a journalist like myself if I could always attend a scientific meeting and immediately have a transcript of the proceedings?" wrote Stu Borman, who first profiled CHEMCONF in the February 1993 *Chemical & Engineering News*. "This is the first time I've had such a resource available to me in real time, so to speak."

"Great conference....Only problem is I can't skip out to go site-seeing," quipped one researcher.

O'Haver says CHEMCONF highlights included a paper from a Russian group at Moscow State University, which "had the prettiest color graphics," and a paper from the University of Nebraska-Lincoln that "generated so much interest that the discussion spilled over into the weekend."

Several non-chemists also participated in the conference because they were interested in the format for their own organizations, according to

Thomas O'Haver

O'Haver. Also, a paper on CHEMCONF's potential for academic conferencing is being considered for the American Educational Research Association's April 1994 meetings in New Orleans.

"Clearly the concept of an electronic conference could be applied to any academic discipline," says O'Haver, who is already planning the International Chemometrics Society's 1994 conference. "An electronic conference uniquely combines the written word of print journalism with the interactive discussion of conventional conferences. It would be especially valuable where scholars wish to keep up with rapidly developing new ideas and to participate in a creative dialogue on these ideas with other scholars around the world. It really is a new way to communicate."

—*John Fritz*

Laser Printer Cost Recovery Program in Place This Fall

In order to fund improvements and provide uninterrupted print service, a fee will be charged for all printing that takes place in Workstations at Maryland (WAM) labs, in most departmental Open Workstation Labs (OWLs), and on the high-speed PostScript printer (LPS40) located in the Computer Science Center.

While funding for computing has been reduced over the past several years, the cost of paper and printing supplies has risen dramatically. Paper waste as well as non-university users of computer services have also contributed to these high costs.

As a result, students, the primary users of new, open workstation labs, have been inconvenienced by long queues waiting for printed output.

Several committees that provide advice or set policy for computing on campus, including the Committee on Academic Computing Policy (CACP), recommended the implementation of a laser print cost recovery program.

As part of this program, everyone planning to print in open workstation labs will need authorization to do so. Also, to offset the cost of laser print supplies and equipment replacements, the Campus Finance Committee has authorized a ten cents per page charge.

To create and fund print authorization, all WAM labs and most OWLs will implement a three-fold charging process. First, students (and faculty and staff with personal printing needs) must open and deposit funds into a Terrapin Express account, which is available through Dining Services.

Second, authorization to print will be established by presenting a University of Maryland I.D. and creating a unique printing password at the Computer Science Center.

Finally, print authorization will be activated by transferring funds from the Terrapin Express account to the print system which will be debited for each printing transaction. Software accessible from machines in the open labs will enable users to perform fund transfers and to review their funding status at any time. Bad

copy refunds will be credited to the user. Documentation on these procedures will be available in each open lab and the CSC Information Technology Library.

Faculty and staff can also be authorized to print using a departmental FAS number. A request for an authorization code and password will come from departmental business offices that will also approve the use of a specific FAS number and funding limit for the year. The FAS account will then be debited on a monthly basis.

Charging will begin on September 30; however, the campus community is encouraged to set up print authorization as soon as possible so there will be no break in laser print service once charging begins.

Questions about the laser print cost recovery program should be directed to the Computer Science Center Consulting Lab at 405-1500 in CSC room 3326.

—*Deborah Mateik*

Stains Named Artistic Director of Concert Society

Public radio broadcaster Valerie Stains has been named the new artistic director for the Concert Society at Maryland. Stains succeeds Eva Hornyak, who retired after eighteen years as the founding director. Stains says she "would like to expand the public awareness of the Concert Society as a major musical presence in the Washington-Baltimore area." Stains will come to the campus from the Dumbarton Oaks Friends of Music concerts, where she served as music advisor and concert coordinator.

Fuegi Wins Danish Film Award

John Fuegi, a professor of comparative literature, was a member of the Flare Productions team that recently received the Danish "TV Oscar 1993" for best film. The seven-member team received the award for its one-hour documentary, "Red Ruth: That Deadly Longing."

The film is based on the life of Ruth Berlau, an actress, director, journalist, and novelist whose life crossed that of the German playwright Bertolt Brecht. Fuegi appears in "Red Ruth" and did much of the research on which the film is based. Fuegi, who has written or edited 17 books on the Brecht circle, was part of the first international production team to ever receive the top film prize in Danish TV.

Performing Arts Center

Throughout this year, *OUTLOOK* will report on the status of the new Maryland Center for the Performing Arts, especially the invitational architectural design competition. Look for updates and previews in future issues.

Fall Arts Schedule

The Art Gallery, Concert Society and University Theatre fall schedules are as follows:

Art Gallery

Crosscurrents '93: Linda Bills and Kristine Yuki Aono, Sept. 8-Oct.17, features the work of two Maryland sculptors. Gallery talk with the artists, Oct. 13, 7:30 p.m. Gallery hours: Monday through Friday, noon-4 p.m. Wednesday evenings until 9 p.m. Saturday and Sunday, 1-5 p.m.

Anonymity and Identity, Nov. 3-Dec. 23, features images of the body by five artists working in photography and video. Opening: Nov. 3, 5:30-7:30 p.m.

Two related lectures are offered in conjunction with the exhibit. "Constructing the Body: A Conversation Between Dorit Cypris (catalogue essayist), and Josephine Withers (professor, department of art history and archaeology), Nov. 9, 7:30 p.m., in the Gallery;

"Framing the Body Questions: An Interdisciplinary Panel Discussion," Nov. 17, 7:30 p.m., 2309 Art/Sociology Bldg.

Concert Society at Maryland

Chamber Music Series

Takacs Quartet, Oct. 23, music by Mozart, Smetena, and Bright Sheng.

Mosaic, Oct. 30, contemporary music by Elliot Carter and George Crumb, also works by Martinu, Stark, Moe, and Piazolla.

The Chamber Music Society of Lincoln Center, Nov. 11, joined by guest artists Dmitry Sitkovetsky, Carmit Zori, and Tabea Zimmerman, performances of Mozart, Brahms, and Prokofiev.

Kiev Chamber Orchestra, Nov. 27, conducted by Roman Kaufman, music by Handel, Silvestrov, Prokofiev, and Schnittke.

Miami String Quartet, Dec. 5, works by Beethoven, Tchaikovsky, and Lee Hyla.

Olde Musicke Series

Jefferson Chamber Players, Oct. 17, music from Thomas Jefferson's library, including music by Haydn, Vivaldi, Rameau, and Boccherini.

Kuijken Trio, Nov. 6, Baroque music by Couperin, Rameau, Leclair, Telemann, Muethel, and Bach.

WorldSong Series

Dimi Mint Abba, Oct. 1, music and dance of Mauritania.*

Abida Parveen and her six-member ensemble, Oct. 8, traditional Sufi music blending classical ragas with Pakistani folk styles.*

Meral Ugurlu, Oct. 22, Middle Eastern classical music.*

Nusrat Fateh Ali Khan and 12-member ensemble, Dec. 10.

*Performance preceded by seminar moderated by Carol Robertson, ethnomusicologist and author. Call the Concert Society at Maryland at 403-4240 for more information.

University Theatre

Romeo and Juliet by William Shakespeare, Sept. 30-Oct. 3, performed by National Players, the university's touring company. Sept. 30-Oct. 2 at 8 p.m.; Oct. 3 at 2 p.m., Tawes Theatre.

1984 by George Orwell, Oct. 7-10, performed by National Players. Oct. 7- 9 at 8 p.m.; Oct. 10 at 2 p.m., Tawes Theatre.

Brighton Beach Memoirs by Neil Simon, Nov. 11-20. Nov. 11-13 and 18-20 at 8 p.m.; Nov. 14 at 2 p.m., Tawes Theatre.

The Beaux' Stratagem by George Fahrquhar, Nov. 30-Dec. 12. Nov. 30-Dec. 5 and Dec. 7-11 at 8 p.m.; Dec. 5 and 12 at 2 p.m, Pugliese Theatre.

George Orwell's
1984

University to Host Britten Festival, Nov. 19-22

To honor the life and work of composer Benjamin Britten (1913-1976), the Department of Music will host a Britten Birthday Festival from November 19 to 22. Jim McDonald, professor of music, is the festival's artistic director.

According to McDonald, Britten, who was born on November 22, St. Cecilia's Day (the patron saint of music), wrote many operas and much vocal music set to major poets of the past and present—one of his early co-workers who had a great influence on him was W.H. Auden.

Britten operas are set to librettos based on such famous literary works as Shakespeare's *A Midsummer Night's Dream*, Melville's *Billy Budd* and Henry James' *Turn of the Screw.*
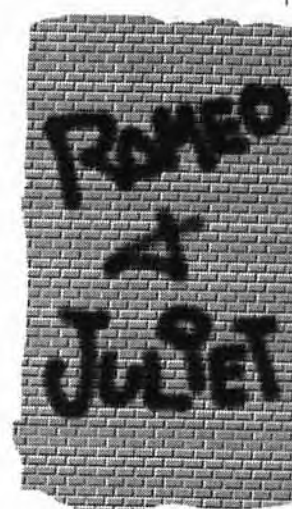
The Britten Birthday Festival at College Park will begin on November 19 with a performance of his opera *The Turn of the Screw*, and will conclude on St. Cecilia's Day, November 22, with a birthday concert featuring a new composition by Lawrence Moss of the music department faculty. Humphrey Carpenter, author of the new, official biography of Britten, will be the featured guest.

There will also be a Young Scholar's Symposium and a Young Artist's Concert featuring university students.

Finally, a special course, "Benjamin Britten: literature and music," is being offered this semester. The course is being taught jointly by seven members of the music faculty and several members of other departments.

For ticket information, call at 405-5548

CALENDAR

Lieutenant John Brandt (seated on bicycle) is surrounded by a friendly crowd during the Third Annual Lunchtime Picnic for New Students held on September 3.

Presidential Visit

When President Clinton came to the university to attend the National Service forum on August 31, many people wondered whether a sitting president had ever visited the campus before. We put the question to Lauren Brown, curator of University Archives. His response:

According to our records, Dwight D. Eisenhower was the last sitting president to visit the campus (during his second administration). Kennedy came when he was a U.S. Senator; Johnson came as vice president.

Interestingly enough, President Woodrow Wilson is known to have enjoyed motoring out of the District—in order to view our baseball team from the sidelines (life as U.S. President must have been more relaxed in those days).

—*Lauren Brown*
Archives

Obituary:
Laurence Heilprin

Laurence Heilprin, professor emeritus in the College of Library and Information Services, died on July 22 at the age of 87.

After earning a B.S. in Economics and an M.A. in Physics from the University of Pennsylvania, and a Ph.D. in Physics from Harvard University, Heilprin began his career teaching math and Physics at Northeastern University. Subsequently, he was a physicist at the National Bureau of Standards and a systems analyst for several organizations. He was appointed Professor in CLIS in 1967 and granted emeritus status upon his retirement in 1976.

Heilprin remained active in professional societies and continued to publish works on information science. "He was a member of that small group who defined the field of information science and whose thinking continues to refine its parameters," said CLIS Dean Ann Prentice.

A memorial service was held at the Memorial Chapel on August 10. The family has designated the College of Library and Information Services as the recipient of memorial gifts.

September 13-22

13 MONDAY

Art Exhibit: Crosscurrents '93: Linda Bills and Kristine Aono, through Oct. 17, The Art Gallery, Art/Sociology Bldg. Call 5-2763 for more info.

Art Center Fall Classes Registration: now underway, The Art Center. Call 4-2787 for info.*

Water Aerobics Classes Begin: Preinkert Pool. Call 4-5454 for schedule or info.*

Office of Multi-Ethnic Student Education Open House and Student Art Show, 1:30-4 p.m., Suite 1101, Hornbake Library. Call 5-5616 for info.

Campus Senate Meeting, 3:30-6:30 p.m., 0200 Skinner Building. Call 5-5805 for info.

University of Maryland Women's Soccer, vs. Lasalle, 4 p.m., Denton Field. Call 4-7034 for info.

Peer Computer Training: WordPerfect, 6-9 p.m., 3330 Computer Science Center. Cost: $5. Call 5-2941 for info.*

University of Maryland Volleyball, vs. UMBC, 7 p.m., Cole Field House. Call 4-7009 for info.

14 TUESDAY

Deep Water Exercise Classes Begin: Preinkert Pool. Call 4-7218 for schedule or info.*

Writers Here and Now, Jose Emilio Pacheco, 3:30 p.m., Maryland Room, Marie Mount Hall. Call 5-3820 for info.

Physics Colloquium: "The Origin of Cosmic Rays: A Proposal to Explain Particle Energies, Spectrum and Chemical Composition," Peter Biermann, Max Planck Institute, Germany, 4 p.m., 1410 Physics. Call 5-4855 for info.

Free Aerobics Class: 5-6 p.m., Reckord Armory Gym. Call 4-7218 for info.

Peer Computer Training: Intro to NeXT, 6-9 p.m., 4352 Computer Science Center. Cost: $5. Call 5-2941 for info.*

15 WEDNESDAY

Meteorology Seminar: "Is There an Atlantic Niño?" James Carton, 3:30 p.m., 2114 Computer and Space Science. Call 5-5392 for info.

Overeaters Anonymous Meeting, 4:30-6:30 p.m., 2107 Health Center. Call (301) 776-1076 for info.

Free Aerobics Class: 5-6 p.m., Reckord Armory Gym. Call 4-7218 for info.

16 THURSDAY

Free Aerobics Class: 5-6 p.m. Reckord Armory Gym. Call 4-7218 for info.

Peer Computer Training: MacWrite, 6-9 p.m., 3332 Computer Science Center. Cost: $5. Call 5-2941 for info.*

17 FRIDAY

Mental Health Service Lunch N' Learn Seminar: "Post Traumatic Syndrome: Diagnosis and Treatment," Dr. Sally Winston, 1-2 p.m., 3100E Health Center. Call 4-8106 for info.

Engineering Centennial Kick-off Picnic, 1-4 p.m., Engineering Lawn. Call 4-7174 for info.

Unity Picnic, (rain date), 4-7 p.m., LaPlata Beach. Call 4-7174 for info.

18 SATURDAY

Creative Dance Lab: Department of Dance, 10 a.m.-2 p.m., Dance Building. Call 5-7038 for info.

Engineering Centennial Kickoff Weekend, Tailgate Picnic, 4 p.m., President Kirwan's home, $15 per person. Call 5-3854 for info.*

University of Maryland Football vs. West Virginia, 7 p.m., Byrd Stadium. Call 4-7070 for info. September 19

University of Maryland Women's Soccer, vs. Wright State, 1 p.m., Denton Field. Call 4-7034 for info.

Peer Computer Training: Quattro Pro, 1-4 p.m., 3330 Computer Science Center, Cost: $5. Call 5-2941 for info.*

University of Maryland Men's Soccer, vs. N.C. State, 3 p.m., Denton Field. Call 4-7005 for info.

20 MONDAY

Aerobics Classes Begin: Offered 7 days a week, in Preinkert Gym and North Gym, $20 for semester, $1 each session, schedules available at 1104 Reckord Armory. Call 4-5454 for info.*

President's Commission on Women's Affairs Meeting, Noon-2 p.m., Maryland Room, Marie Mount Hall. Call 4-8090 for info.

Student-Athlete Convocation, 7 p.m., Adult Education Center. Call 4-7020 for info.

21 TUESDAY

Peer Computer Training: Networked Resources, Part 1, 6-9 p.m., 4352 Computer Science Center. Cost: $5. Call 5-2941 for info.*

22 WEDNESDAY

First Look Fair, 10 a.m.-4 p.m., McKeldin Mall. Call 4-7167 for info.

Overeaters Anonymous Meeting, 4:30-6:30 p.m., 2107 Health Center. Call (301) 776-1076 for info.

University of Maryland Volleyball, vs. James Madison, 5 p.m., Cole Field House. Call 4-7009 for info.

Peer Computer Training: Intro to UNIX, 6-9 p.m., 4352 Computer Science Center. Cost: $5. Call 5-2941 for more info.*

Calendar Guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314- or 405- respectively. Events are free and open to the public unless noted by an asterisk (*). For more information, call 405-4628.

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