

OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

SEPTEMBER 27, 1993
VOLUME 8, NUMBER 4

Freewing Wins 1993 DISCOVER Award for Technological Innovation



Discover magazine publisher Michael Rooney and the DISCOVER Award winner, Freewing Aircraft.

A radical new "freewing" aircraft design has won the DISCOVER Award for Technological Innovation from *Discover* magazine. The award was presented on Monday, Sept. 20, during a special ceremony at the University of Maryland at College Park. Beating out the likes of NASA and McDonnell Douglas, Freewing Aircraft Corporation is receiving the prestigious award for its freewing concept, a design that allows the wing to yield to turbulent air, improving aviation safety and performance. The DISCOVER Awards were created to honor the visionary scientists and engineers that define and shape our future.

Developed by Hugh Schmittle, president and chief executive officer of Freewing, and Odile Legeay,

Freewing executive vice president, in conjunction with the university's Engineering Research Center, the innovation is a practical freewing aircraft which takes the torture out of air turbulence. In flight, the hinged wings pivot with the wind, much like a horizontal weather vane, to absorb gusts from any direction, while taking off and landing. What results is a plane that resists stalling, a leading contributor to air accidents. The design constitutes an entirely different class of aircraft which, though similar to conventional aircraft in appearance, has some remarkable properties that fundamentally improve aviation safety and performance. This concept can now be scaled up to any size or type of aircraft.

"We are honored to be receiving

the DISCOVER Award and pleased because it will help when we talk to customers about our technology," said Schmittle, who holds a number of freewing patents. "The DISCOVER Award gives us the recognition we need to counter the notion that 'freewing is too good to be true.'"

The DISCOVER Awards are fast becoming what CBS news correspondent Mike Wallace so aptly called the "Academy Awards" of technology and innovations—"only they have far greater impact on our lives." For the fourth year, *Discover* is celebrating the best technological innovations of today by spotlighting the "unsung heroes"—the scientists, engineers and inventors who created them.

Each year, nominations are sent in from companies and research institutions from around the world as well as from *Discover* readers. This year more than 4,000 nominations were received. Judges for the aviation and aerospace award were all astronauts, including Buzz Aldrin, Scott Carpenter and Walter Schirra.

All the winners will be featured in the October issue of *Discover* magazine, which will contain a special introduction by Vice President Al Gore. According to the vice president, the DISCOVER Awards honor "some of the most exciting and innovative technologies developed by the world's most inventive minds."

Freewing Aircraft Company has been a member of the university's business incubator program since 1989. The incubator is part of the university's Engineering Research Center, established to foster collaborations between the university and industry.

—Gary Stephenson

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Bridwell & Clark to Receive President's Medal at Convocation

Health Center Director Margaret Bridwell and Zoology Professor Emerita Eugenie Clark will each receive the 1993 President's Medal in recognition of their contributions to the university.

Bridwell and Clark will be honored during the 10th annual Faculty and Staff Convocation on Tuesday, Oct. 5, at 3 p.m. in Memorial Chapel. A reception will follow on the Chapel lawn.

The award, formerly known as the Chancellor's Medal, was created in 1985 by then-Chancellor John B.

Slaughter to honor members of the College Park community who have made extraordinary contributions to the intellectual, social and cultural life of the university.

Three associate staff and three classified members as well as the 1993-94 Distinguished Scholar Teachers also will be recognized for their outstanding contributions to the university.

Margaret Bridwell first came to the university in 1970 as a staff gynecologist.

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Travel Grant Deadline is Oct. 15

The next deadline for applications for travel grants from the International Travel Fund is October 15. Funds are available to cover travel expenses for faculty members traveling abroad to conduct research. For more information or for an application, contact Valerie Williams at 405-4772.

Family Weekend Set for October 1-3



The trolley comes up the drive, the doorbell chimes "Maryland, My Maryland" and Patty Kirwan opens the door to the president's house to greet parents and students on a beautiful fall day in October. This is a picture of what will be

happening on Sunday, Oct. 3, when Family Weekend 1993 concludes with the annual brunch at the home of President and Mrs. Kirwan.

The purpose of Family Weekend is to bring parents and family members to campus to meet and interact with faculty and staff, learn about the many programs and services available to students, and develop an enthusiasm about their son or daughter's education at Maryland.

A record number of parents have already registered for this year's festivities, which will begin on Friday, Oct. 1, at noon, and include the Penn State football game on Saturday.

The Family Weekend Planning Committee of faculty, staff, students, and parents has been meeting since January to determine what activities to include and to plan the details of each event. However, as the weekend draws nearer, more faculty and staff involvement will be required in order for Family Weekend to be a success. A survey of parents revealed that the primary reason most parents attend Family Weekend is the opportunity to meet faculty and staff. As a result, organizers hope that faculty and staff

will make an extra effort in welcoming the many visitors who will be on campus on Friday, Oct. 1, and throughout the weekend.

Faculty and staff who have participated in the past have positive things to say about the experience. Mady Segal, professor of sociology and currently associate dean in Undergraduate Studies believes that "the opportunity to meet and talk with faculty that care about their son or daughter's education can have an enormous impact on parents' impressions of the university." She also thinks that "if parents care enough to come and spend a weekend here on our campus, we should care enough to come out and respond to their questions."

Spencer Benson, a faculty member in the Microbiology Department, so enjoyed interacting with parents and students at the brunch at the president's house in 1992, that he agreed to serve as a member of the 1993 Family Weekend Planning Committee. He believes it is important for faculty and staff to support Family Weekend because "it allows for communication between faculty and parents and de-pulpitizes the faculty in the eyes of students."

After Family Weekend 1991, one mother said College Park's event was much better than the parent's weekend of a small, private northeastern school her older son attends.

"What I experienced at this smaller institution was what I expected to encounter at a large school like Maryland. However, the exact opposite was true! Your faculty and staff went out of their way to introduce them-

selves to me and answer any questions that I had. I was extremely pleased to be able to meet Dr. Kirwan and be invited to his house for brunch. Thank you!"

Faculty and staff are specifically needed to serve as "table hosts" at the brunch on Saturday, Oct. 2, from 12:30-2:00 p.m. in the Grand Ballroom of the Stamp Student Union. College and department displays are also needed for the Campus Information Fair in the Atrium during registration on Friday, Oct. 1, from noon-4 p.m. and Saturday from 10-12:30 p.m. If you would like more information about these opportunities or would like to volunteer, please call 314-8429.

—Gretchen Van der Veer, chair
Family Weekend Planning Committee

Vrtilek Awarded Visiting Professorship

Saeqa Vrtilek of the Smithsonian Astrophysical Observatory has been awarded a National Science Foundation Visiting Professorship for Women to conduct research here in the astronomy department.

Vrtilek was chosen on the scientific merit of her proposal and her potential for serving as a mentor and counselor on campus.

In fiscal year 1993, the Visiting Professorships for Women program made 25 awards to 22 universities, totaling \$2.94 million.

Computer Science Faculty Win NSF's Young Investigator Award

Three Computer Science assistant professors, Bonnie Dorr, Richard Gerber and V.S. Subrahmanian, have been selected to receive the National Science Foundation's Young Investigator Award for 1993.

All three faculty members hold joint appointments with the University of Maryland Institute for Advanced Computer Studies; Subrahmanian also has a joint appointment with the Institute for Systems Research.

Designed to support the research programs of promising young scientists, the Young Investigator Awards are given for a five-year period and include a \$25,000 stipend each year. In addition, recipients are eligible to receive up to \$37,500 in matching funds during each of the five years.

Dorr will conduct computerized language studies that allow

researchers to make incremental changes to test long-standing hypotheses about computerized translation.

Gerber will work on several projects dealing with the analysis, methodology, performance and predictability of real-time programs.

Subrahmanian will continue his ongoing research on developing both the mathematical foundations and software implementations of theories that integrate multiple modes of reasoning and knowledge representation schemes.

Editor's note: The National Science Foundation reports award recipients by discipline, not institution, so a cumulative listing of College Park's recipients is not known at this time. Should other recipients be announced, OUTLOOK will report on them in future issues.

OUTLOOK

OUTLOOK is the weekly faculty-staff newspaper serving the College Park campus community.

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UNIVERSITY OF MARYLAND AT COLLEGE PARK

Women's Studies Program Sponsors "Assembly-of-the-Whole"

"Assembly-of-the-Whole" is an event sponsored at the beginning of every academic year. It gives the Women's Studies Program an opportunity to catch up with colleagues, students, and friends, as well as introduce and meet new members of the College Park community. This year, it will be held from 3-5 p.m. on Friday, Oct. 8, in the Maryland Room, Marie Mount Hall. For further information, please call the Women's Studies Program at 405-6877.

Convocation

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cologist to establish the Women's Health Clinic within the Health Center. Now—two decades and a host of accomplishments later—she has steered the Health Center toward its current position as one of the best and most respected college health care clinics in the nation.

Appointed as the director of the Health Center in 1975, Bridwell has pioneered programs and services that have become models for college health practitioners around the country. A new pharmacy, dental clinic, occupational health unit, faculty and staff assistance program, sports medicine and physical therapy unit, and men's clinic, have been added to the center during Bridwell's tenure.

Under her leadership, the Health Center was the second health service in the country to successfully undergo national accreditation by the Accreditation Association for Ambulatory Health Care (AAAHC).

Bridwell, who earned her B.S. at Tulane University in Louisiana and her M.D. at Louisiana State University Medical Center, is currently treasurer and board member of the Boost Alcohol Consciousness Concerning the Health of University Students (BACCHUS), a board member of the AAAHC, and chair of the university's AIDS Task Force. Recently, Bridwell was selected as a Woman of Distinction by the National Association for Women in Education.

Known as an excellent teacher, world-renown scholar, accomplished scientist, outstanding communicator and even "Shark Lady," **Eugenie Clark** is a living legend at the university and around the world.

Clark, who became an associate professor of zoology at the university in 1968 and a full professor in 1973, has inspired many young people to enter the field of biology because they studied with her, read her books or learned about her life in elementary school. During her career at the university, Clark has taken numerous students on field trips all over the world, often paying their expenses with her own funds.

Clark's 1953 book, *Lady with a Spear*, was a national best seller and a springboard for the field of marine biology. *Shark Lady*, Clark's biography, is the most popular book ever published by Scholastic Press. Clark has written a record 13 articles for *National Geographic* magazine and appears in a recent IMAX film about sharks.

Clark, who earned a B.A. from Hunter College in New York, and an M.A. and doctorate degree in zoology at New York University, has brought great attention to the University of Maryland. In her films, writing and lectures, Clark proudly talks of her

role as a faculty member at the university.

Though technically retired from teaching, Clark continues to teach both an Honors class and a zoology class in marine biology each fall, maintaining an active agenda.

The associate staff honorees are:

James Christensen, associate director, Office of Undergraduate Admissions. During Christensen's many years at Undergraduate Admissions he has developed the office's enrollment management model, which allows for the systematic monitoring of admission trends and projections. He helped to establish an electronic transcript system on campus, easing workloads in credit evaluation and advising. He also envisioned and developed the computerized application that will allow future applicants to apply to the university from their home computers.

Marsha A. Guenzler, associate director of Stamp Student Union and Campus Programs. Training a staff of 200 full-time and part-time employees while managing a marketing campaign for the Stamp Union, which serves over 20,000 people per day, is an enormous task, but Marsha Guenzler does that and more. Guenzler also serves on campus committees involved with research on student development issues, women's affairs, improvement of customer service on campus, and program coordination among departments. She is a much sought after presenter for education and business groups at both the regional and national level.

Gerry Strumpf, director, Office of Orientation. Strumpf has always embraced the philosophy that orientation to collegiate life is a process, not just a program. With this in mind, she has developed an orientation program that is recognized nationally for its innovation and high quality. Strumpf has worked to establish a number of ongoing orientation activities such as "Discover UMCP" and the "First Look Fair." She designed an education counseling and personnel services (EDCP) course titled "The Student in the University" with the goal of making a smooth transition for first-year students. She has gained national respect for her work and for the university by presenting the research and model for the EDCP course at the National Orientation Directors Association's national conference.

The classified staff honorees are:

Richard Doran, captain, Police Department. Doran's dedicated service to the campus is exemplified not

only in his responsibilities as a protector, but in his role as an educator. Doran's commitment to the university dates back to 1974 when he worked as a student police aide while attending the university as a full-time student and working as a part-time high school teacher. He was hired as a police officer during the summer of 1974 and has since been promoted to a variety of positions. In 1978, Doran was awarded the Meritorious Service Medal for his efforts in community security programs. Doran headed the investigation of university basketball star Len Bias' death and from 1988 to 1989 he was appointed as the acting chief of police for the department when the chief was unable to return to service due to illness.

Carol Prier, executive administrative aide to the dean and associate dean, College of Engineering. Prier has exhibited untiring devotion to classified issues and to the campus community as a whole. She has served the campus with distinction since beginning her career here in 1975. Currently, Prier is responsible for providing administrative and clerical support to the dean and associate dean of the College of Engineering. In addition to her work responsibilities, Prier still makes time to attend school part time at the university and participate in campus organizations, including the College Park Senate and the President's Commission on Women's Affairs. One of Prier's greatest contributions to the university has been her determined efforts to enhance the status of campus clerical and secretarial professionals.

Marie Smith, cook II, Department of Dining Services. Smith cooks for an entire campus with the ease of feeding a family of four. More than 20 years ago, Smith began working at the serving line and as a general helper in the Department of Dining Services. Within a short time, however, she found her niche and talent in cooking. Over the years, Smith has come to know the taste buds of the students and often advises the management staff on which foods to serve. Because of her positive attitude, she has helped create an environment where employees feel like part of a large, extended family. Smith, who currently works at South Campus Dining Hall, received an Employee of the Year Award in 1988 and helped the department to receive the 1991 Silver Plate Award as the best college and university dining service in the country.

—Jennifer Christman



Margaret Bridwell



Eugenie Clark

Report from the Senate Chair

—Hank Dobin



Hank Dobin

In my report to the College Park Senate on Monday, September 13, I offered an appeal and a plan for improved communication between senators and their constituents, and with campus and system administration. As one step toward that goal, I will be writing monthly columns in *OUTLOOK* to report on senate business, to present important issues, and to solicit your views and advice as the senate seeks to represent you.

At our first meeting on September 13, President Kirwan delivered his annual "State of the Campus" address; his somber prognosis for the next few years, allayed by his characteristic optimism, was reported in *OUTLOOK* last week. The senate pledges our cooperation to invent solutions to the challenges before us. Also on September 13, the senate elected the 1993-94 executive committee and chair-elect.

My congratulations to Professor Chris Davis and the members of the new executive committee, and my thanks to all those who agreed to be candidates.

In the space remaining, let me update you on senate-related activity this past summer and outline four key items on the senate agenda for this coming year.

Over the summer:

- The new *Appointment, Promotion and Tenure* policy was approved by the attorney general and chancellor, and became effective July 1.

- There has been no news from the attorney general or system administration on the status of the *Termination of Appointments During a Financial Emergency* policy amended and re-approved by the senate last spring.

- The system administration proposed a new tuition policy and new family leave policy, and produced a report on the tuition remission benefit for university employees. The senate will review these documents.

- Resident Life has responded to the senate's call for flexible pricing and innovative ideas to solve the problems of on-campus housing with several new initiatives this fall, including the new singles dorm in Centreville Hall.

- In response to the senate request for additional resources for the Student Honor Council, the Office of Judicial Programs will hire an assistant director to assist council operations.

- The executive committee

enhanced student leadership in the senate by appointing, for the first time, student and faculty co-chairs for the student affairs committee.

This year, the senate intends to set our own agenda rather than (or, more probably, in addition to) reacting to each new campus crisis. Four of our goals will be:

- 1) To complete the revision of the senate governing documents by amending our bylaws to make the senate more effective and efficient.

- 2) To establish university councils as authorized in the new *Plan of Organization*—beginning with a library council and council on capital planning. These councils, jointly appointed by the senate and administration, will have genuine oversight authority.

- 3) To make necessary revisions to the general education CORE program that will simultaneously relieve some of the pressure for departments to produce seats and refocus attention on the pedagogical goals of the CORE program; and

- 4) To arrive at a fair policy governing parking fees, and to help develop a plan to provide adequate parking while controlling costs.

If the senate is to function properly as a representative body, communication must flow in both directions. The senate promises to keep you informed of key issues and actions; we invite you to keep us apprised of your concerns and opinions by contacting your senator or the executive committee.

College Park Senate Election Results

Committee elections for the 1993-94 College Park Senate were held at its first meeting on Sept. 13. Results are as follows:

Chair Elect:

Christopher Davis (Department of Electrical Engineering, College of Engineering).

Executive Committee:

Jewel Barlow (Department of Aerospace Engineering, College of Engineering); Robert Gaines (Department of Speech Communication, College of Arts and Humanities); Robert Hudson (Department of Meteorology, College of Computer, Mathematical and Physical Sciences); Rose-Marie Oster (Germanic and Slavic Languages and Literature, College of Arts and Humanities); Don Piper (Department of Government and Politics, College of Behavioral and Social Sciences); Ellin Scholnick (Department of Psychology,

College of Behavioral and Social Sciences); Peter Wolfe (Department of Mathematics, College of Computer, Mathematical and Physical Sciences); Martha Best (Classified/Department of Economics); Lawrence Lauer (Academic Administrator/Office of Graduate Studies and Research and Office of Undergraduate Studies); Lisa Colby (Graduate/Department of English, College of Arts and Humanities); Charlie Scott (Undergraduate/Department of Natural Resources Management, College of Agriculture).

Representative to the University of Maryland System Faculty Council:

Andre Tits (Department of Electrical Engineering, College of Engineering); Mark Turner (Department of English, College of Arts and Humanities). Alternate Member—Ira Block (Department of Material and Nuclear Engineering, College of Engineering).

Representatives to the UMCP Athletic Council:

Robert Hardy (Department of Human Development and Institute for Child Study, College of Education); William Walters (Department of Chemistry & Biochemistry, College of Life Sciences); Carol Prier (Office of the Dean, College of Engineering).

Representatives to the UMCP Campus Parking Advisory Committee:

Richard Cross (Department of English, College of Arts and Humanities); Earlean McCarrick (Department of Government and Politics, College of Behavioral and Social Sciences); Georgia Sorenson (Center for Political Leadership and Participation); Nancy Moore (Department of English); Craig Newman (Grounds Maintenance); Jennie Springer (Counseling Center); Paul Healey (Undergraduate, College of Health and Human Performance).

High School Students Take Literature "From Page to Stage"

The University of Maryland at College Park and Baltimore County schools are teaming up to interest and immerse high school students in literature and learning through a program that uses a dramatic approach.

"We are encouraging learning through drama, not learning drama," says Sam McCready, a professor in the University of Maryland at Baltimore County's theatre department, who along with wife Joan McCready, chair of performing arts at the Park School, will teach From Page to Stage.

From Page to Stage, a Center Alliance for Secondary School Teachers and Texts (CAST) program of UMCP's Center for Renaissance and Baroque Studies, proved to be successful last year in Baltimore County when 24 10th and 11th grade students read three plays, attended presentations of two, met with actors and actresses, participated in acting workshops, and engaged in lively discussions. The program is funded by a grant from the National Endowment for the Humanities.

"The things you learn, and the friends you make, are enough to make me want to come back," said one 10th grade Baltimore County student after attending last year's From Page to Stage program.

Sam McCready wants From Page to Stage students to learn about their lives and the lives of those around them as well as to gain an appreciation of dramatic literature.

"Following last year's examination

of *My Children! My Africa!*, there was a remarkable discussion about the issues surrounding discrimination," says McCready.

He hopes this year's program brings about a similar awareness of power and manipulation.

This year's participants, who will be drawn from high schools including Owings Mills, Catonsville, Mercy, Cardinal Gibbons, Randallstown and others, will read and attend presentations of *The Merry Wives of Windsor*, *The Triumph of Love*, and *The Picture of Dorian Gray*. They also will read and see a video presentation of *A Raisin in the Sun*.

"All four plays touch personal and social issues which are very close to ourselves and to our time," says McCready. "They will allow us to examine the kinds of power we see in our society and how and why people manipulate each other, from which can follow a discussion of how the use of such power and manipulation affects the students' own lives and the lives of those around them."

Classes are held Friday afternoons from 3:30-5:30 p.m. in UMBC's College Theatre, beginning Oct. 1 and continuing through Nov. 5. In addition to Friday afternoons, Saturday excursions to performances are scheduled for Oct. 2, Oct. 16, and Nov. 6, and an acting workshop is scheduled for Saturday, Oct. 23.

Students don't mind giving up their Friday afternoons and Saturdays. "I would add to the length of

the seminar," said one participant. "I hope to do this again," said another.

—Beth Workman

Beasley to Receive Outstanding Woman Award on Oct. 1



Maurine Beasley

Maurine Beasley, professor of journalism, will receive the 1993 Outstanding Woman Award from the President's Commission on Women's Affairs during a reception on Friday, October 1, from 3:30 to 5:30 p.m. in Marie Mount Hall.

The award ceremony will take place at 3:30 p.m. in Room 1400, with the reception to follow in the Maryland Room at 4:30 p.m. For more information, call 405-5806.

Libraries' Electronic Access to Information Expands Greatly

Since Feb. 4, 1991, when VICTOR first went online, users have found that they can easily access individual catalogs of other UMS libraries, a combined UMS catalog, and a great number of distant library catalogs such as the University of California's MELVYL system. VICTOR also affords searching and fax delivery of over 4 million journal articles in over 14,000 periodicals through the UnCover database.

But there's much more to VICTOR, as reflected in the following list of new electronic resources that have been added.

- U.S. government publications, August 1991-present. More than 70,000 bibliographic records of U.S. government documents received by the Documents/Maps collection in McKeldin Library now appear in VICTOR.

- Center for Research Libraries. The machine-readable records for the holdings of the Center for Research

Libraries in Chicago have been added as a database to VICTOR. The center is a membership organization whose purpose is to make available research materials that are rarely held in North American libraries. UMCP researchers may request materials from the center through Interlibrary Loan in McKeldin.

- Microform collections. The libraries are now adding to VICTOR the records for large microform collections housed in McKeldin Periodicals/Microforms. The collections include: *Early English Books* (over 44,000 items); *Early American Imprints*, 2nd series (over 36,000 items); *Goldsmiths'-Kress Library of Economic Literature* (over 28,000 items); and *Landmarks of Science* (over 9,000 items).

- VICTOR databases. Four databases which had been on CD-ROM in Hornbake and McKeldin Libraries are now in VICTOR: Expanded Academic Index

Business Index & ASAP
National Newspaper Index
Company Profiles

In addition to VICTOR, there are now over 70 CD-ROM automated reference sources in the libraries, a CD-ROM index to the U.S. Patent collection in the Engineering and Physical Sciences Library, and hundreds of databases available through the Computer-Assisted Research Service (CARS).

Recent additions to the libraries' databases include the F&S Index (U.S. and international business); Music Index; Ethnic NewsWatch; ICONDA (Architecture); ArcView; Census Data Systems '90; Supermap, which portrays statistical data sets in map form; and OCLC FirstSearch, which offers a wealth of information in more than 36 databases through one search interface.

For further information, contact a reference librarian at any of the UMCP libraries.

CALENDAR

Art

Exhibit: "Crosscurrents '93," featuring Linda Bills and Kristin Aono, through Oct. 17, The Art Gallery, Art/Sociology Building. Call 5-2763 for info.

Exhibit: "Inspirations: Watercolors and Drawings by Greg Mort," through Dec. 5, UMUC Arts Program Gallery. Call (301) 985-7154 for info.

Recital: Tue., Sept. 28, Schubert's "Die Schöne Müllerin," Michael Johnson and Donald Reinhold, 8 p.m., Tawes Recital Hall. Call 5-6540 for info.

Literature Reading: Wed., Sept. 29, Wayne Karlin and Peter Sacks, 7:30 p.m., Maryland Room, Marie Mount Hall. Call 5-3820 for info.

University Theatre: *Romeo and Juliet*, Thur., Sept. 30 - Sat., Oct. 2, 8 p.m., Sun., Oct. 3, 2 p.m., Tawes Theatre, \$10, students and seniors \$7, Call 5-2201 for info.*

Concert Society at Maryland: "Women and Music in the Islamic World," Dimi Mint Abba, Fri., Oct. 1, 8:30 p.m., UMUC Auditorium, \$16, students \$8. Call 403-4240 for info.*

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

Literature Reading: Tue., Oct. 5, "Share Our Strength: Writers Reading Against Hunger," faculty authors, 3:30 p.m., Maryland Room, Marie Mount Hall. Call 5-3820 for info.

Concert: Wed., Oct. 6, 20th Century Ensemble, 8 p.m., Tawes Recital Hall. Call 5-5548 for info.

Lectures

Space Science Seminar: Mon., Sept. 27, "Global MHD Simulation of the Magnetosphere for the ISTEP Program: Recent Results," Charles Goodrich, 4:30 p.m., 1113 Computer and Space Sciences. Call 5-6199 for info.

Symposium: Wed., Sept. 29, "Explorations of the Earth and Other Planets," 9 a.m.-5:15 p.m., University College. Registration 8:30 a.m. or by phone. Call 5-3210 for info.



Counseling Center Seminar: Wed., Sept. 29, "The Case of Transfer Students," William Spann, noon-1 p.m., 0106 Shoemaker. Call 4-7690 for info.

Meteorology Seminar: Thur., Sept. 30, "Thermal Wind Adjustment and Frontogenesis," Rongsheng Wu, Nanjing University, China, 11 a.m., 2114 Computer and Space Sciences. Call 5-5392 for info.

Meteorology Seminar: Thur., Sept. 30, "Numerical Studies of the Great Plains Low-Level Jet," H. Mark Helfand, NASA/Goddard Space Flight Center, 3:30 p.m., 2114 Computer and Space Sciences. Call 5-5392 for info.

Material Nuclear Engineering Seminar: Thur., Sept. 30, "Ionizing Radiation in Materials Manufacturing," J. Silverman, 4 p.m., 2110 Chemical and Nuclear Engineering. Call 5-5208 for info.

Contemporary Voices of Our Latino Community Lecture Series: Thur., Sept. 30, "Race Relations Among Minorities," Pedro Avilés, 4:30 p.m., St. Mary's Hall Multi-Purpose Room. Call 5-6441 for info.

Engineering Research Center Seminar: Fri., Oct. 1, "Explaining High Performance Automotive Manufacturing: The International Assembly Plant Study," John Paul MacDuffie, Wharton School of Business, 10:45 a.m.-noon, Resnick Lecture Hall, 1202 Engineering. Call 5-3886 for info.

Geology Seminar: Fri., Oct. 1, "Tracing Groundwater Evolution in the Pleistocene Limestone Aquifer of Barbados, W.I., Using Sr Isotopes," Jay Banner, University of Texas at Austin, 11 a.m., 0103 Hornbake. Call 5-4089 for info.

Botany Seminar: Fri., Oct. 1, "Structure, Function and Expression of Genes Encoding Subunits of the Vacuolar ATPase of Arabidopsis," Imara Perera, noon, 2242 H.J. Patterson. Call 5-1597 for info.

First Friday Colloquium Series: Fri., Oct. 1, "Orations of the Dead, Silences of the Living: Postmodernism and the Holocaust," Gabrielle Spiegel, Johns Hopkins University, 12:15 p.m., 1102 Francis Scott Key. Call 5-2853 for info.

Mental Health Service Lunch 'N Learn Seminar: Fri., Oct. 1, "Satanic Ritual Abuse: An Introduction," E. Anne Riley, 1-2 p.m., 3100E University Health Center. Call 4-8106 for info.

Computer Science Lecture: Mon., Oct. 4, "Teaching Digital Circuit Design Using a Field Programmable Gate Array," Niklaus Wirth, Swiss Federal Institute of Technology, 4 p.m., 0111 Computer and Space Sciences. Call 5-2661 for info.

Distinguished Lecturer Series: Wed., Oct. 6, "Race at the End of the Century," Ron Takaki, University of California at Berkeley, 3:30 p.m., 1400 Marie Mount Hall. Lecture will be followed by a reception in the Maryland Room, Marie Mount Hall. Call 5-1482 for info.

Sports

University of Maryland Women's Soccer: Wed., Sept. 29, vs. James Madison, 4 p.m., Denton Field. Call 4-7034 for info.

University of Maryland Field Hockey: Thur., Sept. 30, vs. Georgetown, 7:30 p.m., AstroTurf Field, 4-7006 for info.

M Club Social Tennis Tournament: Fri., Oct. 1, 12:30 p.m., Cole Field House Tennis Courts, \$100 donation to the M Club Scholarship required. Call 4-7020 for info.*



The Concert Society at Maryland presents Mauritanian singer Dimi Mint Abba on October 1

University of Maryland Volleyball: Fri., Oct. 1, vs. North Carolina, 7 p.m., Cole Field House. Call 4-7009 for info.

University of Maryland Field Hockey: Sat., Oct. 2, vs. Duke, 1 p.m., AstroTurf Field. Call 4-7006 for info.

University of Maryland Volleyball: Sat., Oct. 2, vs. Duke, 2 p.m., Cole Field House. 4-7009 for info.

University of Maryland Football: Sat., Oct. 2, vs. Penn State, 7 p.m., Byrd Stadium. Call 4-7070 for info.

University of Maryland Men's Soccer: Sun., Oct. 3, vs. Wake Forest, 2 p.m., Denton Field. Call 4-7005 for info.

Miscellaneous

Employee Development Training Program: Sept. 27, 29 and Oct. 1, "Speaking Confidently: Introduction to Effective Speech Techniques," 9 a.m.-noon, 1101U Administrative Services. Call 5-5651 for info or to register.*

Leadership Week, begins Mon., Sept. 27 through Fri., Oct. 1. Call 5-5751 for info.

Peer Computer Training: Mon., Sept. 27, "Intermediate WordPerfect," 6-9 p.m., 3330 Computer and Space Sciences. Cost: \$5. Call 5-2941 for info.*

Employee Development Training Program: Tue., Sept. 28, "The ADA and Working With People Who Have a Disability," 9 a.m.-noon, 1101U Administrative Services. Call 5-5651 for info or to register.

Overeaters Anonymous: Wed., Sept. 29 & Wed., Oct. 6, 4:30-6:30 p.m., 2107 Health Center. Call (301) 776-1076 for info.

Peer Computer Training: Wed., Sept. 29, "Networked Resources, Part 2," 6-9 p.m., 4352 Computer and Space Sciences. Cost: \$5. Call 5-2941 for 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.

