

Outlook

The University of Maryland at College Park Faculty and Staff Weekly Newspaper • Volume 9 Number 7 • October 10, 1994

Maryland Boasts Most Diverse, Talented Freshman Class Ever

This fall's freshman class is the most racially and geographically diverse in the university's history. Final statistics also show that scholastically the Class of 1999 is the strongest ever, based on average Scholastic Assessment Test (SAT) scores which reached a new high, surpassing last year's class.

More than 3,800 freshmen joined the student body this fall and undergraduate enrollment stands at 23,724 students, up only slightly from last fall's total enrollment.

Approximately 65 percent of the freshman class scored higher than 1000 on the SAT, with 20 percent scoring over 1200. In addition, the University Honors Program, composed of the highest-ability students, enrolled approximately 10 percent more first-year students than last year.

The statistics on this year's incoming class showed increases in virtually all minority groups. The number of African American freshmen increased by over six percent, with about 550 freshmen enrolling. These figures boosted the percentage of African Americans in the total student population from 11.9 to 12.3 percent.

The number of Asian students increased from 13.7 percent to 14.4 percent and Hispanic students increased slightly from 3.8 to 3.9 percent. The number of Native American students decreased slightly from 0.3 percent to 0.25 percent.

The proportion of undergraduates coming from out of state increased

from 20.7 percent last year to 22.4 percent this year. In the freshman class, there were significant increases in the percentage of students coming from out-of-state metropolitan areas such as Boston, Miami, Chicago and Philadelphia.

"This class is the most talented we've ever enrolled. Our new students bring the campus incredible intellectual ability and diversity of experience," says Terry Flannery, associate director of undergraduate admissions.

Factors contributing to the successful enrollment numbers include intensified recruitment efforts, increased personalization of the admission process and the development of academic programs designed to challenge talented students. The establishment of new programs such as the College Park Scholars Program, as well as enhancements in the University Honors Program and First Year Focus, helped the university attract more high-achieving students.

Student interest in the College Park Scholars (CPS), in particular, has far exceeded university expectations. Internal estimates for the first year of CPS, a living-learning experience for students who share common intellectual interests, were that 300-350 students would accept the offer of admission. Instead, 475 students have enrolled in the four programs for high-ability students interested in the life sciences, the arts, international studies and science, technology and society.



Broadcasting Greats at Maryland

Edward R. Murrow walked the streets of London as a World War II correspondent for CBS. This broadcasting legend and other Who's Who's of broadcast are featured in the Broadcast Pioneers Library which has relocated to the university. Read about the names and faces who make up this rare collection on page 5.

Big Ticket Crime Gets the Boot

In the middle of the day at the university, a laptop computer is lifted from an unoccupied, unlocked office, located next to a stairwell. Burglar-friendly offices such as these are enticing to computer thieves hoping to grab their loot and go.

But even seemingly "safe" offices on campus are losing valuable electronic equipment to larcenists who know how to move in quickly, grab what's not locked down and be on their way with the goods.

As recently as 1993, \$45,000 of "big ticket" equipment was reported stolen during the first four months of the year. But since University Police introduced their State Property Theft Management Initiative nine months ago, those num-

bers are decreasing.

"Just by making people aware, we've reduced crime," says Lt. Jay Gruber, of University Police.

Between January and April of 1992, a total of \$28,000 of equipment was reported stolen from campus. That figure climbed to \$45,000 during the same time period in 1993. But the first four months of 1994 showed only \$10,000 of equipment loss due to internal and external crime.

The theft management project began last January when Gruber mailed letters to deans, directors and department heads, alerting them to the increasing problem of big ticket theft on campus.

Some 75 departments responded to the letter. "To each department who

responded, I assigned a different officer," says Gruber. "[The officers] would visit the department and go room to room to assess the equipment and note how well secured that equipment was."

The officers looked at the equipment, says Gruber, and noted things such as whether there were deadbolt locks and whether a camera or video monitor was needed in the department as a crime control measure. "In general, the officers looked at whether or not the area was secure," says Gruber.

Once these assessments were made, Gruber was able to send a response letter to each of the departments, indicating what measures should be taken to protect the equipment from being stolen. "We helped facilitate them in

securing the equipment," he says.

But all of these suggestions are merely that: suggestions. According to Gruber, there is no mandate on campus requiring departments to lock down or otherwise secure their equipment. But he would like to see such a directive put in place. "When purchasing a computer, for example," says Gruber, "departments also would have to purchase the lock-down equipment." Doing so, he says, could save the university thousands of dollars. "And that's above paying for installation of the equipment," he adds.

When Gruber looks at the statistics, he says only a small percentage of items make up the bulk of the theft. While

—continued on page 2

End quote

What issue or event do you feel the news media is overplaying?



"1. O.J. Simpson
2. Bashing President Bill Clinton
3. Bashing the Federal Government."
—George Callcott, professor emeritus, department of history

"The O.J. Simpson trial, definitely. They're blowing it way out of proportion in terms of the relevance to the rest of the world. This is not the most important thing that's going on in the world. The media is nitpicking at it and breaking it down into all of these tiny little components and they're beating you to death with it. I'm sick of it. I'm now seeing how detrimental and self-important the press think they are."

—Katherine Helene, office secretary, department of meteorology



"The O.J. Simpson trial. Because it has no significance on anybody else's life. I don't need to know the details of his marriage. I feel cameras should absolutely not be placed in the courtroom."

—Robert Lee, junior government major

Lecturers Explore Sustainability

Sustainability is the theme of this year's Distinguished Lecturer Series, sponsored by the Graduate School. Environmentalists and anthropologists offer their points of view on the topic for the series that begins on Nov. 10 and continues through April 1995.

The series strives to foster interdisciplinary interest on campus by inviting scholars of such outstanding reputation that, regardless of their field, enthusiasm is generated in different quarters of academia.

Leading the series is Thomas Lovejoy, assistant secretary for environmental and external affairs of the Smithsonian Institution. He will present "The Quest for Sustainability," on Thursday, Nov. 10, at 3:30 p.m., in Room 2203 of the Art/Sociology Building.

Lovejoy, a tropical biologist and conservation biologist, has worked in the Amazon of Brazil since 1965. From 1973 to 1987, he directed the program of World Wildlife Fund-U.S. and was responsible for its scientific, western hemisphere, and tropical forest orientation. He is generally credited with bringing the tropical forest problem to the fore as a public issue, and is one of the main protagonists in the science and conservation of biological diversity.

Kwame Anthony Appiah, professor of Afro-American Studies at Harvard University, delivers the series' second lecture, "Sustaining the Nation," on Thursday, Dec. 1, at 3:30 p.m., also in Room 2203 of the Art/Sociology Building. Appiah is the author of *In My Father's House: Africa in the Philosophy of Culture*, and two novels: *Avenging Angel* and *Nobody Likes Letitia*.

The series continues in the spring with the March 6 lecture by Barbara Kirshenblatt-Gimblett titled "The Moral Sublime: Jewish Women and Philanthropy in Nineteenth-Century America." The time and location are to be announced. Kirshenblatt-Gimblett, an anthropologist, is professor and

chair of performance studies, and professor of Hebrew and Judaic Studies at New York University.

Laura Mulvey, critic and filmmaker for the British Film Institute, will give the final lecture, "The Strange Persistence of the Oedipus Myth in Hollywood Cinema," on April 5 (time and location to be announced). Mulvey has co-directed such films as "Disgraced Monuments," a documentary film about the fate of public art in the former Soviet Union and "New Horizons," an installation commissioned by Public Access, Toronto, for the series "The Lunatic of One Idea."

All lectures are free and open to the public. For information, call 405-1501.

Corrections

In the Oct. 3 issue of *Outlook*, Jud Samon's name and biographical information were inadvertently excluded from the cover story about the 1994 Faculty and Staff Convocation. Samon is one of five associate staff who were honored at the convocation (held Oct. 4 at Memorial Chapel) for their outstanding contributions to the university.

With sincere apologies to Mr. Samon for this oversight, the following is the information that should have appeared:

Jud Samon, coordinator, International Student and Faculty Services

Committed to helping others, Samon is a goodwill ambassador for the university. As coordinator of International Student and Faculty Services since 1984, he has advised international students and faculty on personal, financial, academic and international matters. Often in his dealings with students and faculty, Samon's compassion seems limitless. He has taken foreign students into his home and under

Big Ticket Crime

continued from page 1

stolen wallets and calculators do add to the overall amount of dollar loss, it's computers, fax machines and the like which make the biggest dent.

"Ten percent of the stolen items account for 80 percent of the value," Gruber says.

Many departments may hesitate to invest in securing equipment because of the inconvenience, says Gruber. "People like to be able to move their computers and office equipment," he says. "If it's locked down, they can't shift it to a new location as easily. But if two year's worth of data is on the computer and it's stolen, that doesn't do the department much good."

Even something as simple as an entrapment unit, says Gruber, "covers

the entire CPU and locks down the guts of the computer."

To aid University Police in educating the campus about big ticket crime, Gruber is hoping to produce a video focusing on five major areas: anchoring equipment, key control, recording serial numbers, alarms and video monitoring. The 15- to 20-minute video will be shown when police officers conduct surveys, distributed to departments who have recently experienced a theft of equipment, or available for borrowing as needed. "The better job people do of securing their equipment, the less crime we'll have," say Gruber.

For departments interested in learning more about how to keep their computers, fax machines and other equipment secure, call Lt. Gruber at 405-7045.

—JENNIFER HAWES

Diversity News Bureau Established

Reflecting its commitment to the principles of diversity, the university has established what may be the first campus news bureau devoted entirely to diversity-related news.

The Diversity News Bureau was established as part of the university's Diversity Initiative—a program designed to build a more inclusive campus community grounded in respect for differences based on age, race, ethnicity, gender, religion, disability, sexual orientation, marital status, political affiliation and national origin. It will serve as the focal point for collecting and reporting items of interest internally to students, faculty and staff, and externally to journalists who follow trends in education and diversity.

The University of Maryland is a national leader in its support of campus diversity. About 25 percent of the university's almost 32,500 students are minorities. More than 2,300 foreign students, representing more than 100 countries, attend the university.

The Diversity Initiative seeks to enhance common values within the

university community that emphasize interdependence, equality, justice, human rights and the sanctity of each individual's dignity.

Letter to the Editor Dear Outlook Staff:

The "Authoritative Amphibian" photographed on the cover of the Oct. 3 *Outlook* is authoritatively not an amphibian! The diamondback terrapin and its relatives are reptiles not amphibians. The class Amphibia includes three major groups—the salamanders, frogs and toads, and apodans (limbless, mostly subterranean). The extant reptiles include the snakes and lizards, alligators and crocodiles, and turtles and tortoises.

Back to Zoology 210 for the editorial staff!

—ROBERT INFANTINO, INSTRUCTOR,
DEPARTMENT OF ZOOLOGY

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Outlook

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

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Blazing the Way:

Innovative Program Focuses on the Science of Fire

Saving lives is just one aspect of fire-fighting. Few people realize that beyond dousing flames with water, there exists an entire scientific field devoted to the study of fire. For example, faculty and students of Maryland's fire protection engineering program regularly delve into issues like the dynamics of fire's heat.

Established in 1956, the program emphasizes the science of fire. The University of Maryland has the only accredited fire protection engineering program in the nation, says Jim Quintiere, a professor in the department.

Students take classes in heat transfer, fire suppression agents, codes for safety, sprinkler design and structural analysis, in addition to core engineering classes like thermodynamics, chemistry and physics. The students learn about qualities of fire and flame spread.

UMCP is one of two schools with a master's degree program in fire protection. Graduate students analyze the effect of fire on people and structures, burning and diffusion rates and the fluid movement of smoke. The master's curriculum was added in 1990, the same year Quintiere joined the department.

He came from the National Institute of Standards and Technology where he worked in the fire program from 1971-90. Quintiere earned his Ph.D. in

mechanical engineering from New York University.

According to Quintiere, because of the uniqueness of Maryland's program, few textbooks are available. "There's a continual massaging and transfer of the knowledge base devoted to the forming of course material," he says. "This has to be developed by the faculty and there has to be an intimacy with the research that's going on."

Faculty sometimes do their own consulting work. Quintiere and Fred Mowrer, an associate professor, participated in the Branch-Davidian fire investigation. Quintiere also testified at one of the trials.

Faculty members also teach special courses for Bureau of Alcohol, Tobacco and Fire Arms arson investigators on the theory and aspects of fire, the effect of fire on people and the behavior of fire.

These investigators serve locally, in various jurisdictions around the country, or on response teams that are sent to national catastrophes like a forest fire in California or the World Trade Center bombing. But, says Quintiere, their courses "had not been deep technically - it was almost like anecdotes about what fire is as opposed to what the science of fire is."

When working with the bureau investigators at the 1986 DuPont Plaza



Jim Quintiere looks on as a student conducts a flame spread test.

fire in Puerto Rico, Quintiere says he began to realize that knowledge of the science and behavior of fire could explain many of the things that occurred.

Eventually, the bureau realized this too and embarked on a training program that incorporated science. Thus, the arson investigators came to Maryland. "This awareness of the science and their beginning to utilize it has made a difference in their profession," Quintiere says.

But it's not only investigators—firefighters, building designers and code developers usually aren't trained in science. "The field has grown up around the structure of prescribing safety," he adds.

The United States has one of the highest death rates by fire in the world. Yet, fire deaths are one-tenth the number of deaths caused by automobile accidents. Quintiere explains statistics like these motivated researchers in the 1970s to develop a national fire research program, which shaped and developed some of the scientific knowledge.

In the '90s, he continues, every aspect of new technology has an element in it that could lead to a fire. "When these things are made, there's no consideration of a fire problem. We have a dichotomy: we live in a high-tech world and fire can be part of that, but it's not being considered."

—JANET CHISMAR

Creating a University That Inspires Awe

At the Faculty and Staff Convocation, held Oct. 4, Christopher Davis, chair of the College Park Senate, presented remarks which are reprinted below. The remarks of George Callcott, professor emeritus, who received the President's Medal, will appear in the Oct. 17 issue of Outlook, along with a profile article on Callcott.

This is the 135th year of the University of Maryland at College Park and today we celebrate the new academic year. It is my privilege to welcome you to this convocation. It is becoming a tradition for the University of Maryland family to celebrate the beginning of a new academic year by gathering together in this place to recognize the achievements and contributions of our faculty and staff colleagues.

Today, President Kirwan will award the President's Medal to one of our distinguished colleagues. This is the highest tribute that the university can make to an individual who has made extraordinary contributions to the intellectual, social and cultural life of the university.

We are also here to celebrate the achievements of our faculty colleagues who have been selected as Distinguished Scholar-Teachers for the 1994-95 academic year. These faculty members have been nominated by their colleagues for combined excellence in teaching, research and scholarship. Each year a selection committee considers the nominations of many excellent faculty to be Distinguished Scholar-Teachers and selects a few to receive this honor, which is a recognition of their multifaceted contributions to the academic mission of our university. We are glad that they honor us by being our

faculty colleagues here at College Park.

The university could not function effectively without a professional and dedicated staff. These talented individuals work to admit students, look after and entertain them while they are here, continually persuade them to part with their money—both during the time they are paying for tuition, accommodation and food here on campus—and afterwards as alumni, when we hope that they will maintain a life-long relationship, both spiritual and financial, with their alma mater.

Our staff maintain and beautify our campus, they manage the budgets for our research projects, help in the preparation of our teaching and scholarly work, feed us and our students, and in many indispensable ways provide an environment that is conducive to our academic enterprise. We are here this afternoon to recognize five members of the associate staff and six member of the classified staff for their outstanding contributions to the university.

A university and its members do many different things and an academic year encompasses many activities. However, a few of these activities lend special significance to what it means to have a distinct identity as a great educational institution.

The ceremonies of Commencement, which occur at the end of each semester, mark a beginning of the next phase of their lives for the graduating students who leave the campus, but who, we hope, will forever carry with them the remembrance of that day, the joy that they felt, and the pride of their family members and friends in their accomplishments.

The Faculty and Staff Convocation, in

which we are participating today, is becoming a tradition. It opens each academic year with a sense of both pride in past academic accomplishments, and with a sense of expectation of even greater things to come. It adds to our self-esteem as a great university, which has the potential to be even greater.

The confidence that comes with our realization that the University of Maryland is a premier institution is strengthened by developing university traditions that say to the outside world. "We know who we are—we know our qualities and are proud of them." This is not complacency, but is an internal recognition that we value our place in the world. If we have confidence in our own stature, we will not need to worry whether our peers acknowledge it: we will know that they will acknowledge it.

Tradition is a key part of this confident self-realization of accomplishment. We must build traditions that reinforce our confidence in ourselves. Over time such traditions become such an ingrained part of the fabric of life that we lose sight of their origins, but their value, although intangible in many ways, can be immense.

It was perhaps appropriate that as I was sitting composing these remarks a few days ago, I was listening to "A Mass of Life" by the composer Frederick Delius, with words by the philosopher Frederick Nietzsche. It is really the celebration of academic life that brings us together today, and the role that tradition plays in this is aptly summarized in the words of Nietzsche: "Every tradition grows ever more venerable—the more remote its origin, the more confused that origin is. The reverence due to it increases from generation to genera-



Christopher Davis

tion. The tradition finally becomes holy and inspires awe."

I hope that we are seeing today the continuation of an academic tradition, which although relatively young, is already helping to create a University of Maryland that inspires awe. This university is still relatively young as world universities go, not yet 200 years old. But our future is bright. Unfortunately, or fortunately—depending on your personal perspective—we do not live forever, but the university endures. It would be interesting, I am sure, to be able to attend, in the year 3000, the 1017th celebration of this Faculty and Staff Convocation with our descendants and colleagues of the far future.

Calendar Oct. 10-19

Arts

Art Exhibit: Through Sun., Oct. 16, "Crosscurrents '94: Lingua Pittura," featuring works by Christopher French, Inga Frick, Greg Hannan, Robin Rose, Raimundo Rubio, and Jeff Smith with Andrea Pollan-guest curator, Mondays and Fridays, noon-4 p.m., Wednesdays until 9 p.m., and Saturdays/Sundays 1-5 p.m., The Art Gallery, Art/Sociology. 5-2763.

Art Exhibit: Through Sun., Oct. 16, "Portraits of a Sacred Maya Cave: Photographs of Naj Tunich, Guatemala," 5:30-7:30 p.m., The Art Gallery, Art/Sociology. 5-2763.

Monday Night Music Series: Mon., Oct. 10, Robert I. Jones - organ, 7:15 p.m., Memorial Chapel. 4-9866.

Music Performance Celebrating Success of MSICPA: Mon., Oct. 10, "Mostly Mozart with a Splash of Clementi," Rose Bello - mezzosoprano, Sara Hopkins - soprano, 8:15 p.m., Ulrich (formerly Tawes) Recital Hall, Tawes Fine Arts Building. 5-7528.

Guarneri String Quartet Open Rehearsal: Tue., Oct. 11, 7 p.m., Ulrich (formerly Tawes) Recital Hall, Tawes Fine Arts Building. 5-5548.

University of Maryland Symphony Orchestra: Thu., Oct. 13, William Hudson - conductor and Thomas Schumacher - piano, 8 p.m., Ulrich (formerly Tawes) Recital Hall, Tawes Fine Arts Building, \$5, UMCP staff/faculty \$1, UMCP students free. 5-1150.*

12th Annual University Gospel Extravaganza: Sat., Oct. 15, Maryland Gospel Choir joined by choirs from Georgetown, American and George Mason Universities as well as the U.S. Naval Academy, 3 p.m., Hoff Theater, Stamp Student Union, \$6, \$4 students and seniors. 5-5545.*

The Concert Society at Maryland Olde Musicke Series: Sat., Oct. 15, The King's Noyse, 8 p.m., Auditorium, UMUC Center of Adult Education, \$20, students \$9. 403-4240.*

New Music Ensemble: Tue., Oct. 18, 8 p.m., Ulrich (formerly Tawes) Recital Hall, Tawes Fine Arts Building. 5-2201.

Lectures

Zoology Lecture: Tue., Oct. 11, "Scale, Prey Exchange Rates, and the Impact of Predators on Prey Populations," Scott Cooper, University of California-Santa Barbara, noon, 1208 Zoology/Psychology. 5-6884.

LeFrak Lecture 1994: Tue., Oct. 11, "Children of Immigrants: Segmented Assimilation and Variants," Alejandro Portes, Johns Hopkins University, 2:30-4 p.m., Maryland Room, Marie Mount. 5-6790.

Physics Colloquium: Tue., Oct. 11, "Theory of High T-c Superconductivity," P.W. Anderson, Princeton, 4 p.m., 1410 Physics. 5-4804.

LeFrak Lecture 1994: Tue., Oct. 11, "Contentious Science: The Forms and Functions of Trespassing," Alejandro Portes, Johns Hopkins University, 7-9 p.m., Executive Room, UMUC Center of Adult Education. Reception-buffet will be held in the Regents Room at the Adult Education Center following the lecture. 5-6790.

LeFrak Lecture 1994: Wed., Oct. 12, "Bypassing the Rules: Labor Standards and the Informal Economy in Latin America," Alejandro Portes, Johns Hopkins University, 10:30-11:30 a.m., Maryland Room, Marie Mount. 5-6790.

Center for Renaissance and Baroque Studies Lecture: Wed., Oct. 12, "Lamponing the Head(s) of State," Robert L. Patten, Rice University, 5 p.m., 2309 Art/Sociology Reception to follow. 5-6830.

Illustrated Lecture: Wed., Oct. 12, "Discovery and Decipherment of a Sacred

Maya Cave," George Stuart, *National Geographic Magazine*, 5-6 p.m., 1213 Art/Sociology, co-sponsored by The Art Gallery and the Latin American Studies Center. 5-2763.

Celebrate Learning Lecture: Wed., Oct. 12, "Dashboards and Roadmaps on the Information Superhighway," Ben Shneiderman, 7 p.m., 1250 Zoology/Psychology. 4-8418.

Hispanic Faculty, Staff, Graduate Student Association Lecture in celebration of National Hispanic Heritage Month: Thu., Oct. 13, "The Evolution of An Artist," Betsy Padin, noon-1 p.m., Multipurpose Room, St. Mary's Language House. 5-4746.

Astronomy Colloquium: Thu., Oct. 13, "Jets and Disks," Richard Lovelace, Cornell University, 4 p.m., 1113 Computer and Space Sciences. Lectures are preceded by coffee in Rm. 0254. Rescheduled from Wed., Oct. 12. 5-1531.

Agriculture Brownbag Lecture: Fri., Oct. 14, "World Food Day: Production, Research, and Extension," P.M. Tamboli, noon-1 p.m., 0115 Symons. 5-1253.

Zoology Lecture: Tue., Oct. 18, "Evolutionary Analysis When Nucleotides Don't Evolve Independently," Spencer Muse, Pennsylvania State University, noon, 1208 Zoology/Psychology. 5-6884.

Astronomy/Physics Colloquium: Tue., Oct. 18, "The Impacts of Comet P/Shoemaker-Levy 9 into Jupiter," Michael A'Hearn, 4 p.m., 1410 Physics. Lectures are preceded by coffee in Rm. 0254. 5-1531.

Astronomy Colloquium: Wed., Oct. 19, "Where's Waldo - Radio Counterparts of Gamma Ray Bursters," Dale Frail, NRAO-VLA, 4 p.m., 1113 Computer and Space Sciences. Lectures are preceded by coffee in Rm. 0254. 5-1531.

Meetings

Counseling Center Research and Development Meeting: Wed., Oct. 12, "Women of Influence: The Experience of Undergraduate Women Leaders at UMCP," Marshe Guenzler, noon-1 p.m., Counseling Center Testing Room, Shoemaker. 4-7690.

College Park Senate Meeting: Thu., Oct. 13, 3:30 p.m., 0200 Skinner. 5-5805.

Counseling Center Research and Development Meeting: Wed., Oct. 19, "Sexuality and Communication," Robin Sawyer, noon-1 p.m., Counseling Center Testing Room, Shoemaker. 4-7690.

Miscellaneous

Stamp Student Union's 40th Birthday: Through Oct. 31, "Looking Back, Looking Forward," exhibit celebrating 40 years of the Adele H. Stamp Student Union: the building, programs and faces, 10 a.m.-6 p.m., Mon.-Fri., Parent's Association Gallery. 4-8493.

National Archives Film Series - "A Year on Film: 1944": Wed., Oct. 12, "Double Indemnity," a film noir classic starring Barbara Stanwyck and Fred MacMurray about lovers who attempt to get away with murder, 7 p.m., College Park National Archives Auditorium, 8601 Adelphi Road. (202) 501-5000.

National Archives Film Series - "A Year on Film: 1944": Thu., Oct. 13, "Bon Voyage" and "Adventure in Malgache," short propaganda films directed by Alfred Hitchcock celebrating the bravery of the French Resistance, noon, College Park National Archives Auditorium, 8601 Adelphi Road. (202) 501-5000.

Call for Papers: Fri., Oct. 14, deadline for submission of proposals for "Retention 2000—Student Self Empowerment: How Do We Get There from Here?" to Dottie Bass. Registration



The King's Noyse recreates the avant-garde atmosphere of the Renaissance Italy at the University of Maryland Center of Adult Education on Saturday, Oct. 15, at 8 p.m. The performance features 16th century dances and popular music reworked by the radical new harmonic style, called extravagant consonances, developed in Italy around 1600.

fee is \$85 general, \$30 students. 5-5618.

National Archives Film Series - "A Year on Film: 1944": Wed., Oct. 19, "Hail the Conquering Hero," Preston Sturges's hilarious satire of fame, politics, and small-town America starring Eddie Bracken, Ella Raines, William Demarest, 7 p.m., College Park National Archives Auditorium, 8601 Adelphi Road. (202) 501-5000.

Seminars

Study Abroad Seminar: Tue., Oct. 11, "Study Abroad and the Multi-Ethnic Student," featuring presentations by minority students who have studied abroad, 3:30-5:30 p.m., 1101 Hornbake Library, free pizza and soft drinks included. 4-7746.

History Seminar: Wed., Oct. 12, "Career Opportunities for Historians outside the College Classroom: A Panel of Archivists, Museum Curators, and Other Public Historians," noon-2 p.m., 1102 Francis Scott Key. 5-4265.

Physical Chemistry/Chemical Physics Seminar: Wed., Oct. 12, "Photo-Structural Changes in Amorphous Arsenic Sulfide," Dale Sayers, North Carolina State University, 4 p.m., 1325 Chemistry. 5-1867.

Center for Renaissance and Baroque Studies Colloquium: Thu., Oct. 13, "Figuring the City: 19th-Century Urban Sketches," Robert L. Patten, Rice University, noon-2 p.m., 1102 Francis Scott Key. 5-6830.

Meteorology Seminar: Thu., Oct. 13, "Analysis of Global Precipitation Derived from Satellite Observations and Insitu Measurements," Phil Arkin, National Meteorological Center, National Weather Service, 3:30 p.m., 2324 Computer and Space Sciences. 5-5392.

Botany Seminar: Fri., Oct. 14, "A Regulatory Cascade for Entry into Anaphase," S. Wolniak, noon, 2242 H.J. Patterson Hall. 5-1588.

Mental Health Service Lunch 'N Learn Seminar: Thu., Oct. 14, "Reflections on the Self of the Therapist," Ned Gaylin, 12:30-2 p.m., 3100E University Health Center. 4-8106.

Conversations About Teaching: Fri., Oct. 14, "Using E-Mail to Enhance Communication with Students: Examples, Ideas, and Possibilities," noon-1:30 p.m., Maryland Room, Marie Mount. 5-9368.

CIDCM Panel Discussion on U.S.-Cuban Relations: Tue., Oct. 18, "The United States and Cuba—The Next Step," panel discussion featuring Wayne Smith, former chief of the U.S. Interests Section in Havana, and Frank Calzon, Freedom House, 4-6 p.m., location to be announced. 5-4381.

Sports

Women's Field Hockey: Tue., Oct. 11, v. James Madison University, 7:30 p.m., Denton field. 4-4161.

Women's Soccer: Wed., Oct. 12, v. Loyola College, 4 p.m., Denton field. 4-4161.

Men's and Women's Cross Country: Sat., Oct. 15, Maryland Colleges Invitational, golf course on I-93. 4-7457.

Women's Soccer: Sat., Oct. 15, v. UMBC, 4 p.m., Denton field, 4-4161.

Volleyball: Tue., Oct. 18, v. Towson State University, 7:30 p.m., Cole Field House. 4-7009.

Workshops

Peer Computer Training: Mon., Oct. 10, "Intermediate Quattro Pro Windows," 6-9 p.m., 3330 Computer and Space Sciences, \$5. 5-2941.*

Peer Computer Training: Tue., Oct. 11, "Introduction to Microsoft Word," 6-9 p.m., 3332 Computer and Space Sciences, \$5. 5-2941.*

Peer Computer Training: Wed., Oct. 12, "Introduction to Unix," 6-9 p.m., 4352 Computer and Space Sciences, \$5. 5-2941.*

Art Center Wedding Workshop: Wed., Oct. 12, 8-10 p.m., 0232 Stamp Student Union. 4-9814.

Center for Teaching Excellence Faculty Workshops: Thu., Oct. 13, "Effective Communication: Resolving Student-Faculty Conflicts," 3-4:30 p.m., Maryland Room, Marie Mount. 5-9368.

Partnering Workshop with Bridgman/Packer: Thu., Oct. 13, 5 p.m., Studio 1105, Dance Building. 5-3197.

Peer Computer Training: Thu., Oct. 13, "Information Resources," 6-9 p.m., 4352 Computer and Space Sciences, \$5. 5-2941.*

Peer Computer Training: Thu., Oct. 13, "WordPerfect for Thesis Writing, Part 1," 6-9 p.m., 3330 Computer and Space Sciences, \$5. 5-2941.*

Peer Computer Training: Tue., Oct. 18, "Introduction to WordPerfect Windows," 6-9 p.m., 3330 Computer and Space Sciences, \$5. 5-2941.*

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. Listings highlighted in color have been designated as Diversity Year events by the Diversity Initiative Committee.

Pioneers of Broadcast Now Reside at Maryland

The Broadcast Pioneers Library, containing priceless records and personal accounts of the history of broadcasting, has long been located in Washington, D.C. Now, the library has been relocated to the University of Maryland and will be maintained as a special collection in the Hornbake Library.

The Broadcast Pioneers Library's Board of Directors selected the University of Maryland from a number of university applicants to serve as the repository for this unique collection. The Board determined that space, staff and funding limitations had created a

situation in which their holdings were at risk of serious deterioration and possible loss, and felt that the university would provide the ideal storage and use environments for the collection.

This uncommonly rich resource in broadcast and cultural history, which opened its doors in 1971, houses 10,000 books, various personal papers and scrapbooks, 2,000 radio scripts, 22,000 photographs, 50,000 clippings; 900 oral history tapes and transcripts, 2,000 sound recordings and 70 videotapes and films.

The Broadcast Pioneers Library originated in 1942 when the well-known radio commentator H.V. Kaltenborn founded the Twenty Year Club of Pioneers in Radio Broadcasting, the precursor to the Broadcast Pioneers organization for which the Library was named. The following year Kaltenborn proposed that the club sponsor a history of radio broadcasting's beginnings.

In recent years, the library has responded to more than 1,000 inquiries per year from writers, scholars, teachers and students nationwide.

Transferring a collection of this size and value will require the development



Merv Griffin interviews Dr. Martin Luther King

of a comprehensive work plan that takes into account such critical elements as the physical transfer itself, preservation and conservation, arrangement of the collection in its new space and cataloging. The move is expected to take two to five years, during which time the collection will be partially open for research.

The Broadcast Pioneers Library will become an adjunct collection to the National Public Broadcasting Archives, under the general supervision of Thomas Connors, curator of the NPBA. Reference queries regarding the new collection can be directed to Connors at 405-9255.

Among the Broadcast Pioneers Library's special collections are some unique holdings from the William S. Hedges Collection. Hedges established WMAQ in Chicago and his collection of some 12,700 items in 540 subject categories represents the core collection of the library. Among the oral histories are the voices of Edgar Bergen, Ben Grauer, Chester "Lum and Abner" Lauck, Mary Tyler Moore, Minnie Pearl, David Schoenbrun, Lowell Thomas and Betty White.

Others whose voices can be heard through interviews, music and special



Ruby Keeler and Al Jolson star on the Lux Radio Theatre (1936)

programming include Jacques Barzun, George Washington Carver, Bob Considine, Milton Cross, John Charles Daly, Chet Huntley, James "The Lone Ranger" Jewell, Kaltenborn, Guglielmo Marconi, H.L. Mencken, Newton N. Minow, William S. Paley, Upton Sinclair, Robert Trout and many others.

The 20,000 photographs cover a wide variety of entertainers ranging from Glenn Miller and Dinah Shore to Kate Smith and Carol Burnett.

The largest single collection in the Broadcast Pioneers Library, the *St. Louis Post-Dispatch Collection*, consists of 10,000 photos of television personalities, executives and programs from the 1940s through the 1960s and motion picture scenes from the 1930s and '40s.

Scripts from such vintage programming as "Duffy's Tavern," "The Voice of Firestone," "Wisdom," "The Irene Wicker Show," and "One Man's Family" are also included.

—FRANK BOCHES

Diversity on Film

As part of the Diversity initiative, Hornbake Library's nonprint media services department is presenting a series of videos, from the library's collection, on Hispanic Americans. The videos are available to faculty, staff and students and can be viewed on the library's fourth floor at the times noted below.

A new series of videos will be presented beginning in late January. Look for listings in future issues of Outlook. For more information about the videos, call 405-9236.

Oct. 9-15

Central America: The Burden of Time (57 minutes)

Discusses how, isolated from rest of the world, the Aztecs, Maya and Inca created sophisticated civilizations that in many ways paralleled ancient Mediterranean empires. Also discusses how the arrival of the Conquistadors caused near obliteration of their culture and how parts of it survive today in the mountains of Central America. Plays every 90 minutes.

Oct. 16-22

Refugees in Our Backyard (59 minutes)

Discusses why Central Americans are seeking entry into the United States, the obstacles they face and the problems this migration has created for much of the nation. Plays every 90 min.

Oct. 23-29

The Americans: Latin American and Caribbean Presence in the U.S. (57 minutes)

Examines the impact that Hispanics in the United States are having on American society, culture and politics. It looks at three groups, Cubans in Miami, Puerto Ricans in New York City and Chicanos in Southern California. Plays every 90 minutes.

Oct. 30-Nov. 5

Miles from the Border: A Portrait of a Mexican-American Family Caught Between Two Cultures (15 minutes)

Describes the changes that have taken place in the last 20 years in an agricultural community north of Los Angeles. A brother and sister describe how they migrated from a rural Mexican village to the town and tell what it is like to live in a world divided between Anglos and Chicanos. Plays every 30 minutes.



Fanny Brice as Baby Snooks



Gertrude Berg as Molly Goldberg

Not Just Horsing Around

UM's Cavalry Drill Team

Cleaning barns, teaching riding and grooming horses require dedication, skill and sweat. But members of the university's cavalry drill team don't seem to mind. If there is one thing this group of students, staff and area residents have in common, it is the love of horses.

Dave Jones, a university computer technician, says his involvement with the drill team is rewarding because he loves riding. He also enjoys interacting with other members as one of the troop commanders.

Troops learn riding and equitation skills through drill team maneuvers, which are showcased in choreographed performances at the end of each session. A group of more advanced riders, known as Eagle Troop, perform at outside events such as the Cherry Blossom Parade, the College Park Boys and Girls Club Parade and dressage shows.

The other thing that cavalry drill team members share is a code of duty, loyalty, responsibility and punctuality. It is not surprising that the group holds to military ideals. The concept of a civilian cavalry has its roots in the California Junior Mounted Militia, formed during World War II, who later became the California Rangers.

Nancy Deuel, an assistant professor in the animal science department, was instrumental in bringing the cavalry to Maryland. She says the drill team program, which was launched in January 1991, meets departmental educational goals in a recreational way.

According to Deuel, the military structure gives students, who come into the department with widely varying

backgrounds, the same opportunities.

"It provides objective levels for advancement and recognition of achievement." She adds that Texas A&M is the only other university with a drill team.

According to information officer Kate Zielke, the cavalry has phased out some of the military emphasis "because it just doesn't work on a college campus." No one is required to wear a military uniform. "The only time we are the least bit military is at our regimental show, because it is a formal occasion."

The military ranking system does guide members in problem solving. "When they need help, they know who's above them and who's been there longer just by seeing someone's rank," Zielke says.

"A large part of it is teamwork," she adds. "We all have to be able to do everything. And we have to be able to work together to do it."

The cavalry is made up of six troops. Individual troops meet once a week for four-hour sessions. All members are responsible for the entire care of a working barn. They ride and feed the horses, groom and tack them, and bring them in from pasture. Members even check the horses' medical condition: cleaning cuts, looking for signs of colic or assisting the vet.

"We have a wonderful organization system, better than any farm I've ever worked on, for medical treatments and what horse needs what," says Zielke.

The cavalry has 30 to 40 members, including four staff. Any person regardless of gender, age, size, student or non-



Members of the cavalry drill team, dressed in regimental regalia, prepare to ride.

student, is eligible for acceptance. All that is required is a willingness to learn and the ability to pay the membership fees. Zielke adds, "Be prepared to get dirty and work hard."

People from surrounding communities are often eager to join. "We find that the DC area is very hungry for an opportunity to ride horses," says Zielke. The group placed classified ads in the City Paper this summer and got "quite an influx of phone calls - about five people every day."

However, the cavalry cannot accommodate them all. Zielke says first priority is given to University of Maryland students since the team is supported by the animal science department.

Beginners shouldn't be afraid to approach the group. "If you've never touched a horse before, you are perfectly welcome," Zielke says. And since the troops do not train or officially compete on their own horses, you don't need to

own one.

The cavalry's philosophy is that riding a horse other than your own develops the highest level of equitation skill, as well as the ability to accurately control nearly any horse, under nearly any conditions, over any type of terrain, at any gait.

Zielke has been riding horses her entire life and wanted to keep riding when she got to Maryland. She had a class with someone who was involved in cavalry — "It seemed like it would be fun, an opportunity to do more than just sit on a horse."

"I just feel I've gotten a wonderful education working with horses," she continues. "I've learned a lot about medical care that I didn't know before, about teaching, and I'm currently getting an education in buying and selling horses."

—JANET CHISMAR

Finkelstein, Woolston and Toll Win Campus International Awards

At the International Affairs Banquet, held Sept. 29, two faculty members received the Distinguished International Service Award by President William E. Kirwan.

Barbara Finkelstein, professor of educational policy, planning and administration, and Valerie Woolston, director of international education services (IES), were the recipients of the distinguished service award.

Chancellor emeritus and physics professor John Toll was presented with a special International Landmark Award in recognition of Toll's significant contributions, over the past four decades, to the building of the university's relationships with academic institutions in China and Taiwan.

Finkelstein is one of America's leading educators involved with Japan. A UMCP faculty member since 1970, she is founder/director of the International Center for the Study of Education Policy and Human Values and its two Japan-related programs (MARJIS and NIEL).

MARJIS (Mid-Atlantic Region Japan-in-the-Schools) is an outreach program for K-12 pre-service and inservice teachers served by the College of Education. Funded entirely by grants and other



Valerie Woolston

non-university funds, MARJIS is a model regional center that deepens the quality of intercultural curriculum development and teacher education, using Japan as a case.

Established in 1990, NIELI (National Intercultural Education Leadership Institute)

serves as an intercultural education laboratory, with three goals: 1) to prepare curriculum development leaders to integrate cultural dimensions into their work, and to cultivate long-term partnerships with counterparts in other nations, especially Japan; 2) to develop model intercultural programs and educational materials for leaders of Japan-related internationalization efforts in precollegiate schools and beyond; and 3) to develop long-term research projects focusing on such issues as minority groups, teaching World War II in schools, and integrating intercultural dimensions into curricula.

Woolston played a major role in establishing the first all-campus organizations dealing with international programs at the university, including the Office of International Affairs and International Education Services, which she has directed since 1977. Woolston has led the campus in developing major

new services for international students, including the International Referral Network, the Maryland English Institute, and the International House. She also was a major force in developing the Study Abroad Office, the Language House, and other programs and facilities for American students wishing to become involved in international programs, both in the U.S. and overseas.

As director of IES, Woolston runs an office that provides services to more than 2,500 foreign students and more than 1,500 foreign visiting faculty annually, including admissions, placement and advising (both personal and academic), and programming to enhance the international aspects of the campus.

Toll, founding chancellor of the UM System, was honored with the first International Landmark Award for his role in building relationships between Maryland and the People's Republic of China in the '70s and '80s. Toll was one of the first American university presidents to go to mainland China after the late President Nixon's visit there in 1972. In his capacity as chancellor of the UM System, he pioneered the establishment of relations between the State



Barbara Finkelstein, left, with Masako Kuriyama, wife of the Japanese Ambassador to the U. S.

of Maryland and China. In particular, he was instrumental in arranging the first mutual visits ever made by a governor of a U.S. state—Gov. Harry Hughes of Maryland—and the Governor of a Chinese Province (Wan Li, then governor of Anhui Province and the leader of Chinese economic reform). At the urging of Toll, Sister-State relations were officially established between Maryland and Anhui Province, the first such relationships between a U.S. state and Chinese province. This relationship has since evolved into a most important door of entry for Marylanders with interests in China.

Take note

'Sesame Street' Comes to Maryland

Last month the National Public Broadcasting Archives (NPBA), located in Hornbake Library, received its second shipment of materials from the Children's Television Workshop, related to the highly-acclaimed children's program "Sesame Street."

The archives, established in June 1990, now has approximately 380 boxes of materials from the Children's Television Workshop in addition to a vast collection of historical records, manuscripts, audio and videotapes, films and personal papers dealing with the development of public broadcasting in the United States. Major donors to the archival collection include the Corporation for Public Broadcasting, National Public Radio, Public Television Service, the National Association of Public Television Stations and several local television stations.

The Children's Television Workshop files in the NPBA contain the history of "Sesame Street" and a complete record of the research project associated with it. These new materials also document the international adaptation of "Sesame Street" and include virtually everything written about young children for television before 1980.

Former Professor Chosen by White House

According to a recent report, President Bill Clinton said he would nominate Martin Neal Baily, a former University of Maryland economics professor and a member of the Brookings Institution, to the three-member White House Council on Economic Affairs.

McFadden Named to NASA Asteroid Mission Science Team

In the last year of this century, a NASA spacecraft hopes to rendezvous with an asteroid and orbit it for one year while reporting back to Earth information never before available regarding these remnants of the earliest days of planetary formation 4.5 billion years ago.

Called the Near Earth Asteroid Rendezvous (NEAR) mission, the exploration promises to help provide clues about the origin and evolution of the Solar System and the nature of bodies in the vicinity of Earth. Lucy McFadden, visiting professor in the department of astronomy, has been selected by NASA to be part of a team of scientists who will work on the multispectral imager/near-infrared spectrograph, one of six instruments that will comprise the NEAR science payload. McFadden, who earlier this year received widespread acclaim for her role in monitoring and coordinating scientific activity related to the impact of Shoemaker Levy-9 with Jupiter, explained the importance of the spectrograph.

"The multispectral imager/near-infrared spectrograph will permit the detection of absorption bands that will identify specific minerals," McFadden points out. "Armed with this knowledge of the mineral composition, combined with results from two other instruments (x-and gamma-ray spec-

trometer and magnetometer), we will know whether the asteroid is original, unprocessed material or whether it has experienced severe heating which caused the material to remelt sometime in its past. We are exploring the physical nature of small bodies beyond Earth's moon. These asteroids are our next-nearest neighbors."

Scheduled for launch in February 1996 aboard a Delta 2 rocket, the NEAR spacecraft will arrive at asteroid 433 Eros in early January 1999. It will then survey the rocky body for at least one year while orbiting the asteroid at altitudes as close as 15 miles. Eros is one of the largest and best observed asteroids whose orbits approach Earth's path. These asteroids are closely related to the "Main Belt" asteroids that orbit the Sun in a vast doughnut-shaped ring between Mars and Jupiter.

The goal of the NEAR project is to carry out a mission with high scientific return and wide participation at relatively modest cost. It will seek the first comprehensive measurements of an asteroid's mass, structure, geology, mineral composition, and gravity and magnetic fields. Science data will be archived in near real-time in NASA's Planetary Data System, Small Bodies Node, run by Michael A'Hearn, professor of astronomy, with access for the general science community, the public and educators via the Internet.

NEAR will be the first launch in NASA's Discovery program, an initiative based on small planetary science missions with short development cycles and stringent cost caps.

Getting Down to Earth in Costa Rica

More than 1,000 people from all regions of the world will descend on Costa Rica this month to find the tools with which human societies can prosper economically without destroying the earth's life support system.

The Third Biennial Meeting of the International Society for Ecological Economics, Oct. 24-28, features the theme "Down to Earth: Practical Applications of Ecological Economics," which emphasizes the importance of translating concept into reality, says the organization's president, professor Robert Costanza.

He adds that the location and timing of the conference couldn't be better, because Costa Rica recently announced its desire to make sustainability of the environment the country's number one policy objective.

"The theme of the conference is just that—how do we implement this idea of sustainability; how do we get the economic incentives and environmental incentives to be consistent and help us achieve that goal," Costanza says.

Using a variety of formats such as round-table discussions, panels, technical sessions and display-area presentations, the conference will explore one or two major themes each day. Themes to be addressed include: "Envisioning Sustainable Alternatives;" "Ecosystems, Biodiversity and Development;" "Social and Ethical Dimensions of Ecological Economics;" "Sustainable Agro-Ecosystems;" and "Creating the Institutional Setting for Sustainable Development."

Ecological economics is a trans-disciplinary effort to link ecology and the other natural sciences with economics

and the other social sciences, in order to reach the goal of sustainability, Costanza says.

One of the founders of ecological economics, Herman Daly, senior research scholar in the School of Public Affairs, will present his latest research at the conference, as will Peter Brown, professor in the School of Public Affairs. Several students from the Graduate Program in Marine-Estuarine-Environmental Sciences will also participate in the program.

"Our goals for this conference are implementation, and getting the whole area of ecological economics to move more into the developing world so that it becomes part of the basic development planning," Daly says. "The conference will present an opportunity to form a network within South America of people who are interested in these problems of sustainable development and environmental conservation."

Nobel Peace Prize winner Oscar Arias Sanchez, former president of Costa Rica, will address the conference participants on Oct. 27. Other highlights include field trips to many of Costa Rica's national parks, as well as visits to a number of institutions that are focusing on implementing principles of sustainability and ecological economics into their daily operation.

Some of the sites to be visited include E.A.R.T.H. University, LaMarta Wildlife Reserve and Carara Biological Reserve. Participants will also have the opportunity to take several cultural tours to areas within Costa Rica featuring rich biological and ecological diversity.

Any UMCP faculty members or students interested in attending the conference should contact Costanza at 410-326-7263.

Tune in to Maryland

How do you turn communists into capitalists? Why should football players care about pirouettes? How do you get the fat out of chicken? And what does all this have to do with the University of Maryland System?

Viewers will learn the answers to these and other questions when they tune in to the second program of "Maryland State of Mind," a Maryland Public Television (MPT) series that explores the frontiers of knowledge with the UM System as guide. The program airs at 9 p.m., Friday, Oct. 28, on MPT stations across the state. Using a magazine format, the program treats viewers to an array of subjects in seven story segments.

Floating to the Stars: It's not just an oversized swimming hole here at the university. Researchers working in the neutral buoyancy tank, a four-story high tower of water, are designing robots to work in space.

From Marx to Markets: University of Maryland University College, an international leader in distance education, is giving distance a whole new meaning as it teaches businessmen from the former Soviet Union to adapt to capitalism.

Leaps and Bounds: Pirouettes and jetes are not just for ballet dancers. At Towson State University, the widely-acclaimed resident dance company is helping to improve the nimbleness of the university's football players.

Mapping Our Future: Using high-tech mapping techniques and data from satellites, cartographers at Frostburg State University are charting just about

Inbrief

College Park Senate Meeting—The next meeting of the College Park Senate is Thursday, Oct. 13, at 3:30 p.m., in room 0200 Skinner Hall. The Senate will take action on policies on review of academic unit chairs and of academic units. The Senate also will take action on its bylaws and make revisions to charge on two standing committees—Human Relations and Student Conduct. Information reports will be heard on faculty workload from the Senate chair and another report from the academic planning advisory committee. The meeting is open to all members of the campus community. For more information call 405-1243.

Faculty Commencement Regalia—Orders for faculty regalia for the December Commencement will be taken at the book center's graduation center, which will be open during regular store hours beginning Monday, Oct. 17 through Sunday, Oct. 23. Written orders will continue to be accepted until Dec. 2. Shipping and handling charges will be added to all orders received after the center closes. For more information call (800) 531-5131.

Cholesterol and Blood Pressure Screening—On Nov. 16, the College Park Chapter of Club Maryland offers cholesterol and blood pressure screenings from 7:30-11 a.m. in the College of Health and Human Performance. The test includes Total Serum Cholesterol (TSC), High Density Lipoprotein (HDL), Low Density Lipoprotein (LDL), and Triglycerides. Screenings are open to all state employees and family members over the age of 18. To schedule an appointment, please contact Mary Giles at 405-2438.

everything, including city sewer systems and oyster beds in the Chesapeake Bay.

First Impressions: Orientation for Salisbury State University freshmen extends well beyond the campus boundaries. Many SSU newcomers begin their college experiences hiking in the mountains of Maine, paddling on a Canadian lake, or working for Habitat for Humanity.

Chicken without a Pot: Researchers at the University of Maryland Eastern Shore are working to make poultry, the meat of choice for many diet-conscious Americans, even leaner.

Bay Watch: The doctors are always in when it comes to diagnosing the health of the Chesapeake Bay. Center for Environmental and Estuarine Studies scientists are using a computer-based network of buoys to continuously monitor the estuary's well-being.

MPT produces "Maryland State of Mind" in association with the UM System. This innovative partnership combines the vast educational resources of the UMS with MPT's state-of-the-art production capabilities. Scott Simon of National Public Radio is the series host.

Cirovski's Determination Yields Success



Lisa Helfert

Sasho Cirovski

Some would consider it a major accomplishment by a coach to completely turn around the fortunes of a team after just one season.

But Maryland head soccer coach Sasho Cirovski—who did just that—has seen better.

Cirovski is a Yugoslavian native from Vratnacia, Macedonia whose parents, Trpe and Lubica, moved the family to Ontario, Canada when he was eight years old.

"I give all the credit in the world to my mom and dad," says the 31-year-old Cirovski, one of the younger coaches in Division I soccer. "Both my parents, their whole lives were dedicated to the people around them—their kids. They were the most selfless people I ever knew."

In order for the family to survive in a new world, Cirovski recalled that his parents would often work multiple jobs to support them.

"To all of a sudden leave Yugoslavia without a penny in your pocket and say 'we're going to Canada to make a new life for our kids,' that's selflessness."

And when his father died of cancer in 1988, Cirovski called it the "hardest thing I ever had to deal with." It affected him so deeply, in fact, that he refused to eat meat and became a vegetarian.

The selflessness that Cirovski's parents instilled in their son should make it no surprise that he is known as a teacher as much as a coach.

"I have a program designed to develop people," he says. "If you help develop the person, you help develop a team."

That message is one his players are well aware of and have eagerly responded to. "He really cares for the players and for what he's doing," senior co-captain Malcolm Gillian says.

Curious about what Cirovski tells his pupils? One look around his office can provide a quick vocabulary list.

"Success," "Team," "Determination," "Pride," are words on posters that dominate the office walls. There is also a poster of an attractive blonde soccer player, wife Shannon Higgins, the head coach of the George Washington University women's team. There are two lines through the "Higgins" and written in black marker underneath is "Cirovski."

"There was something else written attached underneath that, but I took it down," said a grinning Cirovski, looking like a schoolboy who heard a joke he couldn't tell the teacher.

There is something else very striking about the office. Along the wall by the door, there is a jersey from World Cup

champion Brazil and a 1993 Italian Super Cup championship pennant signed by A.C. Milan, one of the premiere professional soccer teams in the world.

But these aren't just souvenirs gathered by a lucky fan, they commemorate the times Cirovski spent with the best soccer talent in the world, where he broadened his already considerable knowledge base of the sport.

"He presents a lot of opportunities to each of us individually and to us as a team, which is a big factor," Gillian says. "He knows a lot of people in the soccer community."

When he took over at the University of Hartford in 1991, Cirovski coached the Hawks to their first-ever North Atlantic Conference championship and NCAA Tournament for the first time in school history.

But unlike so many schools that are just happy to attend the party, Hartford took the University of Virginia — as in perennial force and eventual 1991 national champion Virginia — to four overtimes before being eliminated.

"I think one of the biggest things is, he believes that there's no limit to what he believes he can do with a program," says Austin Daniels, the head women's soccer coach at Hartford and a close friend of Cirovski. "It's not a cocky belief, it's just, he believes it. And with that, a lot of positives come out. And he has endless amounts of energy."

That energy proved useful for Cirovski and the Maryland program quickly after he took over the spot previously held by Alden Shattuck.

On an abysmal day in February, Baltimore native Shane Dougherty, a high school All-American, decided where he would go to school.

He chose Syracuse University. When

Cirovski heard this, he contacted Dougherty and asked the 1992 state high school Player of the Year for another chance to hear about what Maryland could offer.

"I don't take 'no' for an answer very easily," says Cirovski, who drove up to Fallston, Md., in a snowstorm to talk to the young man who thought he had made up his mind. Cirovski met with Dougherty for three hours. "And he ended up signing with us," laughs a proud Cirovski.

"Sasho's just a man who has so much desire and so much drive to get where he wants and to get things done," Dougherty says. "That really stood out when he talked to me. You could see it in his eyes. You could just tell from talking to him that this was the guy for the program and that he was going to help turn Maryland soccer around. I just wanted to be a part of that."

Cirovski admits that he did not have much difficulty with his presentation to Dougherty, and the numerous other top rated talent he has brought in her over the past two years.

"I believe so strongly in myself and in the potential of this school academically and athletically and what it can give to a player — what a person can get out of it — that I think it's a great place and I feel very comfortable selling this place," Cirovski says. "I feel we have a lot to offer."

Cirovski's main bargaining chip to new recruits is his complete belief that Maryland will win the national championship.

"That's the only way I know how to think," Cirovski says. "No one is ever going to set a higher standard for me than I set for myself."

—CHAD CAPELLMAN

Men's Soccer Team Returns to Elite Status

Last year, in Sasho Cirovski's first year as head coach the men's soccer team, the Terps limped to the end of their season and finished with just three wins in 18 games.

"We set some goals of what we wanted to get done and what it was going to take," says Cirovski. "We worked five days a week in the spring last year. They worked extremely hard."

That hard work is now paying dividends.

The Terps opened the second month of this year's campaign with a 7-2 record, and its first ranking in four years. Last week *Soccer America* ranked the Terps 14th, for their first ranking since September 1990.

On Sept. 29, the Terps won in Harrisonburg, Va., over then-No. 7 James Madison University. It was the Dukes' first loss of the year, as well as the team's first road win this season.

The JMU win came on the heels of a home win over then-No. 12 Duke University, in which the Terps posted their first win over an Atlantic Coast Conference opponent. On Oct 2, they garnered their second straight conference win with a 1-0 road win over Wake Forest.

With just one more win, this year's squad will have as many wins as in the

past two years combined. And the Wake Forest win already gives the Terps more conference wins (two) than they had in their past three seasons combined.

This is a relatively young team, with just four seniors out of 20 players. So while many of the younger players are enjoying the team's success, the elder team members have a little better appreciation for how long Maryland soccer has struggled.

"My freshman and sophomore years were two tough years, because there was no motivation there," says senior co-captain Malcolm Gillian. "I don't know whether or not you could say the guys respected [former head coach] Alden [Shattuck], but there really wasn't a will to win within the team."

"We went out there and played hard every game, but whether we won or lost everything was all right. That's the kind of attitude we took and our results showed."

But not even this year's seniors can appreciate how long it's been. There are only a few people on the entire campus that could appreciate how long it's been since there was a real soccer power wearing Maryland colors. While the Terps did put together back-to-back winning seasons under Shattuck in

1985-86, but the last Terp team to finish with a winning conference record was the 1977 team coached by Jim Dietsch.

The struggles of the past few years is in stark contrast to the glory days of Maryland soccer, when the Terps claimed 16 Atlantic Coast Conference titles between 1953 and 1971. In those days, the Terps boasted national All-Americans nearly every year until 1973. But with the exception of Gary Furlong in 1986, there has been little individual recognition for Terrapin men's soccer.

That streak too, may come to an end this year. The Terps past two recruiting classes have ranked among the best in the country with high school All-American Shane Dougherty last year, and national high school player of the year Leo Cullen this year.

All of these factors have combined to change the soccer scene here for the better.

"There are about three of us [Gillian, seniors Jason Lipka and Paul Jacobs] who have been here all four years, and we joked [Sept. 28] was our sixth victory. This is the first time in three years I've ever had six victories," Gillian says. "All of this is new to me. It makes soccer that much more fun again. I'm having a great time playing."

—CHAD CAPELLMAN



Lisa Helfert

Senior co-captain Malcolm Gillian is one of three Terps who have been with the soccer team for three full seasons.