



Board of Visitors Report *2004*



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Executive Summary

THE EXECUTIVE COMMITTEE FOR THE UNIVERSITY OF MARYLAND COLLEGE PARK FOUNDATION BOARD OF TRUSTEES SERVES AS THE BOARD OF VISITORS FOR THE ANNUAL BOARD OF VISITORS REPORT.

Fiscal year 2003–2004 was a year of significant achievements. In a difficult environment, the University of Maryland fulfilled its missions of education, research and service. Many of the accomplishments are detailed in this report.

This year was the year in which many of the investments made by the state and the private sector in the university have been validated by external sources. The reputation of the University of Maryland, College Park, is finally catching up to the reality of the university. A marvelous example of the changing perception of the university was the feature article in the January 2004 *Washingtonian* magazine entitled “Move over, UVA!” This article, which is very favorable to the university, states: “Not long ago, talking about Maryland in the same breath as Berkeley and Michigan ... would have seemed laughable. But no longer.”

While the earlier investments have paid off, current fiscal exigencies for the state have forced President Mote to make deep cuts, and he also implemented a campus-wide effort to increase effectiveness and efficiency of the university’s programs and operations. The outcome of this planning process will be realized in the coming years. These efforts dovetail with initiatives undertaken by the University System of Maryland and the state to ensure that the university provides the highest quality programs economically and efficiently. We believe the leadership exhibited by President Mote and the careful attention paid to preserving excellence and access while making do with less is critical to the continued success of the University of Maryland.

However, internal reallocations of funds, entrepreneurial partnerships and belt-tightening are not sufficient for the university to maintain and improve its position among the premier institutions of the nation. The future of the state and the University of Maryland are linked together. Leadership in the state and region is a responsibility the university has undertaken with enthusiasm, commitment and success. The university must have the unwavering support of the state of Maryland and the citizenry of Maryland. To that end, the board strongly encourages the governor and the General Assembly to implement the university’s FY’06 budget request, including both base budget and separate list budget items. It is imperative that the university receive the level of funding needed to maintain its status among the top 20 public research universities in the country.

Thanks to the governor and the General Assembly, construction on the Biosciences Research Facility began this past summer. The Biosciences Research Facility is essential to the goal of positioning the university and the state as leaders in the national revolution of biological sciences. This year the board is advocating for the much-needed funding to complete the renovation of the Tawes Building. Renovation of the Tawes Building is vital if we are to maintain and enhance the enormous resource of our nationally recognized Department of English. This project has been continuously delayed and it is now critical that funding be provided to move this project forward.



External Accolades and Rankings



The university had 70 programs ranked in the top 25 in their respective categories, and 50 programs earned rankings placing them in the top 15.

THE UNIVERSITY OF MARYLAND'S EXCELLENCE IS RECOGNIZED THROUGHOUT THE NATION AND THE WORLD. NUMEROUS SURVEYS AND ORGANIZATIONS RANK THE UNIVERSITY AS ONE OF THE TOP IN THE UNITED STATES. SAMPLINGS OF THOSE RANKINGS ARE LISTED BELOW.

- In the 2003–2004 rankings by *U.S. News & World Report*, the university climbed to 17th among public universities after breaking into the top 20 for the first time the previous year. We set the bar higher for our programs rankings, and we now look for departmental and college rankings among the top 15 rather than the top 25. The graduate and undergraduate had 70 programs in the top 25 in *U.S. News & World Report*. Among graduate programs, the Smith School of Business had five programs ranked in the top 25, the College of Education ranked 20th nationally with 10 programs in the top 25, the Clark School of Engineering ranked 16th overall with six programs in the top 25, and the School of Public Policy ranked 21st overall with five programs in the top 25. The Smith School of Business ranked 17th in the nation for its undergraduate program, while the Clark School ranked 25th for its undergraduate program.
- The 2004 edition of Kaplan Publishing's *Unofficial, Unbiased Guide to the 328 Most Interesting Colleges*, listed Maryland as one of 37 "Hot & Trendy" colleges and universities, according to a nationwide survey of high school guidance counselors, for the second year in a row.

Maryland is also listed as one of the best values in higher education, again for the second year in a row. Maryland also made the list of schools considered to have "Changed for the Better." That list comprises schools the guidance counselors applaud for changing for the better in the last couple of years.

- The Smith School of Business was again recognized as one of the best business schools in the world as London's *Financial Times* ranked it 18th in the United States and 27th in the world. A year ago, the school was ranked 23rd and 33rd, respectively. Maryland was 4th among U.S. public universities and 1st in "value for the money" category; 9th in "placement rate" and 9th in "salary increase." The rankings are consistent with the findings of other leading business publications such as *The Wall Street Journal*, which placed the Smith School's M.B.A. program No. 19 worldwide in its most recent rankings.



Leading the Way

The university continued to be among the most diverse in the nation, according to 2004 undergraduate rankings released by *Black Issues in Higher Education*. Maryland received 26 Top 25 rankings of baccalaureate degrees awarded. The university ranked 5th among traditionally white institutions for awarding bachelor's degrees to African Americans in all disciplines or 14th in the nation for all institutions. Among Top 20 national public universities, Maryland is No.1 in the total number of degrees conferred upon African American students.





ATTRACTING TOP STUDENTS, PROVIDING OUTSTANDING PROGRAMS, RAISING THE SUCCESS RATE FOR GRADUATION AND RETENTION, AND MAINTAINING DIVERSITY ARE PRIMARY GOALS FOR THE UNIVERSITY.



Profile of Entering Students

The class of 4,066 students that enrolled at the university in the fall of 2003 brought in the highest GPA ever—3.88. Their middle 50th percentile SAT scores matched that of the previous class. More than 70% of freshmen were residents of Maryland and 75% of all undergraduates are residents. This year's incoming freshman class is shaping up to be another academically talented population, rich in diversity as well.

Unique Programs

The **Baltimore Incentive Awards Program (BIAP)** finished its third year and selected the members of the fourth class (who enroll in the fall 2004 semester). Fifty percent of the scholars earned a GPA of 3.0 or better during the spring 2004 semester. Three of those students earned semester honors. Three students are in the University Honors Program and three are in College Park Scholars. Of the 27 admitted to the BIAP, 25 are currently enrolled and making satisfactory academic progress, with the 92.6% retention rate higher than that of the university as a whole. The nine students in the inaugural class are on target to graduate between spring 2005 and spring 2006. Students are participating in the life of the university—studying abroad, interning on campus, enrolling in living-learning programs, playing sports, participating in activities from Resident Life to the Student Honor Council to the Black Student Union to Greek life.

Sponsored jointly by the Schools of Engineering and Business, the **Hinman CEOs program** is widely hailed as the most successful student entrepreneurship program in the nation. The program and various student entrepreneurs in the program have been featured in the *Washington Post*, *The Wall Street Journal*, *The Boston Globe*, and many of the area's smaller business magazines.



National Scholarship Awards Increase in Number and Prestige

Melissa Boteach, a junior majoring in government and politics and Spanish with a 4.0 GPA, was one of 77 students nationally selected to receive the prestigious Truman Scholarship for 2004. The national award is given to college juniors who have demonstrated outstanding leadership and are devoted to careers in public service. As a Truman Scholar, Boteach will receive \$24,000 for graduate studies and \$2,000 toward her senior year of college. She spent the Spring 2004 semester studying in Argentina and plans to enter graduate school to combine a law degree with a master's in international affairs.

Jennifer Marie Roberts, an electrical engineering and computer science double major, and **Alice Turner Ryan**, an aerospace engineering major, both earned National Science Foundation awards of \$30,000 a year plus tuition to pursue graduate education in the sciences. Roberts also won a \$25,000 scholarship from the Fannie & John Hertz Foundation, and Ryan received a \$28,000 National Defense, Science and Engineering Scholarship.

Student Athlete Achievements

The Terps football team took its second straight New Year's bowl with a triumphant win over West Virginia in the Gator Bowl. Final rankings placed the team at 17th or 20th, but the *New York Times* placed the Terps at No. 3 in the nation. The Terps were one of only five teams to secure 11 wins in the last three consecutive seasons.

The University of Maryland had a total of 203 student-athletes named to the 48th annual Atlantic Coast Conference Academic Honor Roll, recognizing 3.0 and higher grade point averages by student-athletes for the 2003–04 school year, announced Commissioner John Swofford recently.

A total of 263 Maryland student-athletes, representing the university's 27 varsity sports, were named to the Intercollegiate Athletics Honor Roll for the 2003 fall semester, achieving a 3.0 GPA or better in the semester. Women's swimming and water polo teams each had 35 representatives, with 20 from the Gator Bowl Champion football squad and 18 from the men's lacrosse team.

A Faculty of Stars



AT THE UNIVERSITY OF MARYLAND, FACULTY MEMBERS ARE CHARGED WITH THE RESPONSIBILITY OF EDUCATING OUR STUDENTS AND CREATING NEW KNOWLEDGE. THE BEST FACULTY MEMBERS EXCEL IN BOTH CATEGORIES AND REVEL IN THE SYNERGY BETWEEN THESE TWO RESPONSIBILITIES. OUR OUTSTANDING FACULTY CONTINUE TO GAIN NATIONAL RECOGNITION AND AWARDS IN LARGE NUMBERS.

Three Join the National Academy of Engineering

The National Academy of Engineering announced 76 new members and 11 foreign associates, including three from the University of Maryland. **Jeong H. Kim**, professor of practice in the Department of Electrical and Computer Engineering, was elected for his contributions to national defense and security through improved battlefield communication. **G.W. (Pete) Stewart**, professor of computer science, was elected for the development of numerical algorithms and software widely used in engineering computation. **Gerald E. Galloway**, research professor of civil and environmental engineering and vice president, Enterprise Engineering Group, Enterprise Services and Solutions Sector, Titan Corp., was elected for distinguished leadership in the management of sustainable water resources and education in environmental engineering. Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Kim and Stewart bring the university's total to 10, including President C. D. Mote, Jr., Vice President Jacques Gansler and Dean Howard Frank.

National Award Summary

Ten faculty members received National Science Foundation Early Career Awards. Six faculty members in the College of Arts and Humanities received National Endowment for the Humanities Fellowships, more than any other institution in the nation. Four faculty members won Sloan fellowships, and one won a Guggenheim Fellowship.

Other award highlights include:

- During a ceremony at the White House on May 4, 2004, President Bush named **Jennifer Becker**, assistant professor in biological resources engineering, one of 20 of the nation's most promising young scientists and engineers. Becker was honored with the 2002 Presidential Early Career Award for Scientists and Engineers (PECASE) for her research on how certain types of microbial interactions occur in chlorinated solvents, considered the most common contaminants of groundwater. Becker's education program includes a diverse hands-on learning experience for pre-college students and mentoring activities for student summertime research projects.
- **Jose Emilio Pacheco**, distinguished university professor and poet, was awarded the first Pablo Neruda Literary Award. Established to commemorate the 100th anniversary of the Chilean Nobel Laureate, the Neruda Prize will be given to the author whose work makes a remarkable contribution to the cultural and artistic dialogue of the Hispanic world. The selection committee unanimously chose Pacheco, who received a \$30,000 award and delivered a series of lectures in Chile in July.



- Two-time Emmy award winner and University of Maryland English professor **Michael Olmert** won a “Gold World Medal” from the New York Festivals organization as the screenwriter for the Discovery Channel’s *Walking with Cavemen* documentary. Olmert, a frequent contributor to *Smithsonian Magazine* and the *Washington Post*, is a specialist in English literature with a strong interest in the connections between literature and history.
- Helen Hayes Awards are given annually for excellence in professional theater productions in the Greater Washington area. Five faculty members were nominated for Helen Hayes Awards in 2004, for areas including lead actor, lighting and set design, choreography and director. **Daniel MacLean Wagner**, professor and chair of theatre, won the Helen Hayes Award for outstanding lighting design.
- At the April 16 Board of Regents meetings, 11 awards were presented to faculty across the University System of Maryland. Two were awarded to faculty at the flagship university. Professor of Education **Peter Leone** received the Regents’ Faculty Award for Excellence in Public Service. Professor of Physics **Sylvester J. “Jim” Gates** received the Regents Faculty Award for Mentorship Activity. Professor Gates was also named one of 20 “Giants” in the 20th Anniversary Issue of *Black Issues in Higher Education* in June 2003.



AAAS Adds Three from Maryland

The American Academy of Arts and Sciences (AAAS) announced the election of 178 new fellows and 24 new foreign honorary members. The 202 men and women, who are prominent figures in scholarship, business, the arts and public affairs, will be inducted into the 224-year-old academy at a ceremony in October in Cambridge, Mass. Maryland electees are **C. D. Mote Jr.**, president of the university and Glenn L. Martin Institute Professor of Engineering; **Ira Berlin**, distinguished university professor of history; and **William Galston**, Stern Professor of Civic Engagement and director of the Institute for Philosophy and Public Policy. The university now has 38 members of the academy.



RESEARCH ACTIVITIES AT MARYLAND CONTINUE TO GROW. IN FACT, ACCORDING TO THE MOST RECENT REPORT OF THE NATIONAL SCIENCE FOUNDATION, AMONG THE TOP 50 LARGEST RESEARCH UNIVERSITIES IN THE COUNTRY, THE UNIVERSITY OF MARYLAND HAS THE 2ND FASTEST RATE OF GROWTH IN TERMS OF RESEARCH DOLLARS. THIS YEAR COMBINED SPONSORED AWARDS TOTAL \$349,000,000.

Technology transfer is an important issue for the state and a major responsibility for the flagship campus. Over the last two years (FY'02–FY'03), the Office of Technology Commercialization has processed 170 invention disclosures and has recorded 71 license and option agreements. In the past 16 years, the Office of Technology Commercialization at the university has recorded more than 1,200 technologies, secured more than 200 patents and licensed more than 650 technologies, generating more than \$21.6 million in technology transfer income.

MTECH

The Maryland Technology Enterprise Institute (MTECH) continues to fulfill its role as a major source of transfer of faculty expertise to the businesses of Maryland through its familiar programs: Maryland Industrial Partnerships (MIPS), Technology Advancement Program (TAP), Maryland Technology Extension Service (MTES) and Maryland Biotechnology Program (BIOTECH). Five of MIPS's top project companies (which include MedImmune and Martek) have reported \$1.7 billion in sales and revenue. Each of these companies developed major products partly through MIPS R&D-funded projects.

New Markets Growth Fund

The New Markets Growth Fund in the Dingman Center for Entrepreneurship is a \$20-million venture capital fund that invests in early and expansion stage companies located in economically distressed sections of Maryland and Washington, D.C. This fund is the first of its kind at a university and is 50% supported by a loan from the Small Business Association. Its first investment (\$500,000) in December 2003 went to NAVTRAK, a Salisbury, Md., company that provides monitoring, mapping and reporting for mobile workforces.

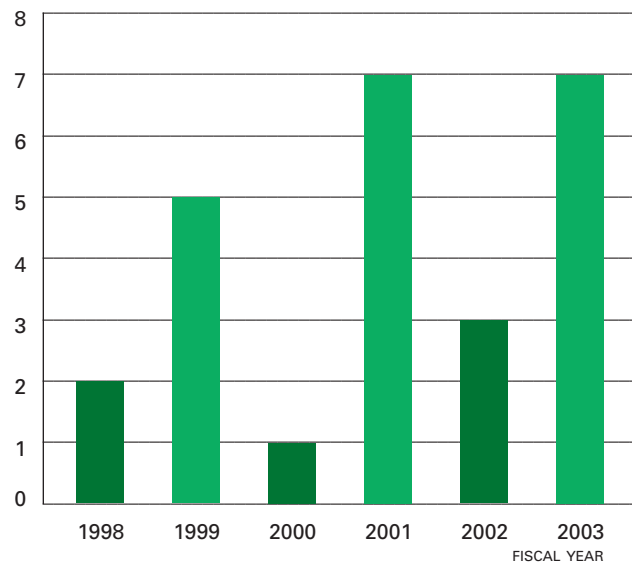


University Research Park: M Square

The university successfully completed purchase of land for its new 115-acre research park, the University of Maryland Enterprise Campus—known as “M Square” and successfully recruited its first tenants. The first tenant, the Center for Advanced Study of Languages, is a University Affiliated Research Center (UARC) under the joint sponsorship of the university and the federal government that is destined to become the largest center for language study in the world. The tenant originally requested 43,000 square feet, but signed a final lease that included the entire 128,000 SF of Research Park Building No. 1 (former Litton building). A \$16 million renovation is under way.

The National Oceanic and Atmospheric Administration (NOAA) announced that it will build a new weather prediction center in M-Square to be located on the newly acquired Avanti property. The center will expand the partnerships on weather prediction between NOAA and NASA-Goddard and our strong faculty in earth sciences. It will lead the world in climate prediction and will impact essentially every aspect of life, science and the economy.

Start-up Companies by Fiscal Year



An Economic Catalyst for the State

Whether it's building the region's largest-ever research park, creating thousands of new jobs or partnering with local businesses that generate nearly \$2 billion in product sales, the University of Maryland is continually investing in Maryland's future. In fact, for every dollar the state invests in us, we put nearly six dollars back into the economy. You could say we're on a roll in the state of Maryland.



THE UNIVERSITY MAKES A TANGIBLE CONTRIBUTION TO THE STATE THROUGH PROGRAMS THAT ARE ESTABLISHED TO ASSIST THE STATE'S VARIOUS INDUSTRIES.



The university created its new 115-acre research park, the University of Maryland Enterprise Campus—known as “M Square,” located on university property at the College Park/University of Maryland Metro station. The state of Maryland joined in partnership with the campus and the private sector with a \$5 million commitment from its Sunny Day Fund. It was the first Sunny Day Fund award given in Prince George’s County and one of the largest in the history of the fund.

The Clarice Smith Performing Arts Center

For the second year, the Clarice Smith Performing Arts Center sponsored an artist’s residency with composer **Christopher Patton** at Northwestern High School’s Jim Henson School for Arts, Media and Communication in Adelphi, Md. The theme of this residency was “Undisclosed Locations: Stories from Beneath the Surface.”

Patton worked with Northwestern High School faculty member Peter Spencer and his writing and drama students to develop original poems that were used as the basis for the libretto of a 15–20 minute choral work commissioned by the Clarice Smith Performing Arts Center. Students drew upon their own experiences growing up in Prince George’s County as subject matter for their poems.

The Small Business Development Center Network

The Small Business Development Center Network is managed by the University of Maryland. It provides services to small businesses across the state through regional offices located in Cumberland, Towson, Salisbury and Southern Maryland. The center provides business counseling to citizens wanting to establish their own business in Maryland.



THE OFFICE OF FEDERAL RELATIONS CONTINUES TO EXPAND ITS REACH INTO FEDERAL/NATIONAL ACTIVITIES. IN ADDITION TO THE INTERACTIONS WITH THE MARYLAND CONGRESSIONAL DELEGATION, WE HAVE DEVELOPED A STRATEGY TO INCREASE OR STRENGTHEN PARTNERSHIPS WITH LOCAL FEDERAL LABS.

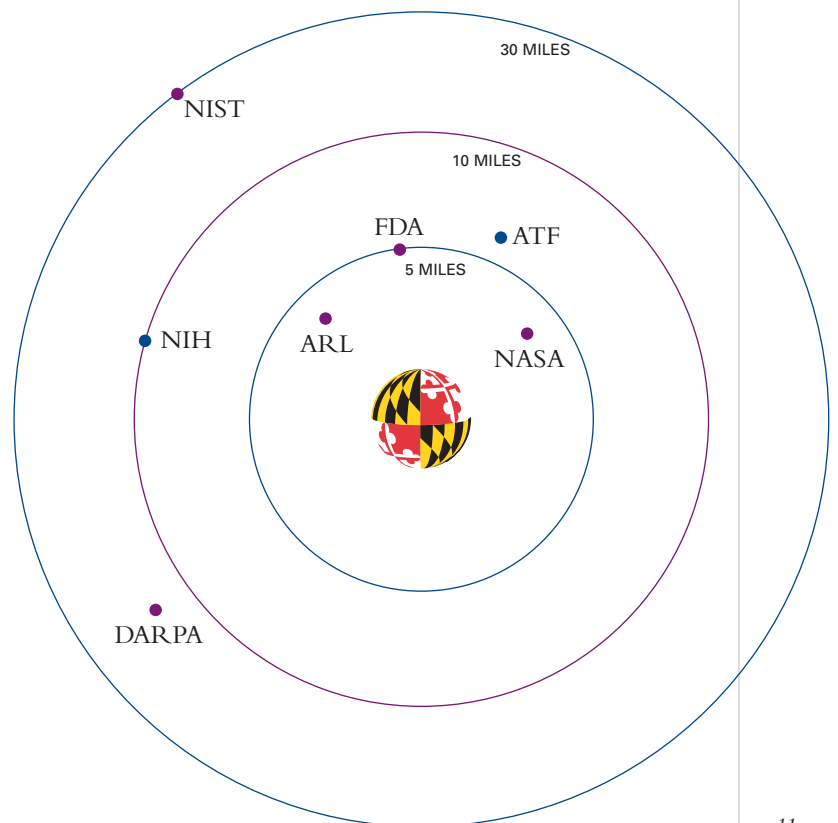
A target list of 119 federal labs within a 60-mile radius of campus has been developed for possible exploration. In the last year, new collaborations have been created with the National Institute for Standards and Technology (NIST), NASA Goddard, Department of Homeland Security, the National Archives, the National Institutes of Health and more.

Exposing federal officials to our research capacity remains a high priority. Senator Barbara Mikulski was presented with her own carbon nanotube to acknowledge her support of nanoscience. Senator Paul Sarbanes was awarded through The Science Coalition a “Breakfast of Champions” award for his support of science. Hill staff that specialize in energy issues will be coming to campus to tour our energy research and Dr. Jack Marburger, President Bush’s Science Advisor, will be coming to campus in September.

NIST Partnership

A milestone in our cultivation of partnerships with federal agencies was reached last summer when the university and the National Institute for Standards and Technology (NIST) signed a unique overarching agreement to expand research collaborations and professional linkages between the two institutions. The agreement fosters cooperative work between UM faculty and students and NIST researchers in science and technology including cutting-edge areas such as nanometrology and nanomanufacturing and encourages joint use of equipment, space

and staff. It provides specific mechanisms to support close cooperation, such as transportation between the two campuses, and also includes a new model to protect intellectual property created in collaborative projects. This arrangement expands the asset base of university programs and provides greatly enriched opportunities for the campus and NIST. Cutting-edge discussions are already under way on a new nanotechnology group called the Mid Atlantic Nanotechnology and Nanomanufacturing Alliance. Other joint research projects include the Joint Center for Applications of Coherent Quantum Phenomena under Nobel Laureate **William Phillips** and a project in fire protection engineering.



Bringing World Leaders and Renowned Experts to Campus



PART OF WHAT MAKES THE UNIVERSITY OF MARYLAND SUCH A VIBRANT COMMUNITY AND AN ASSET TO THE CITIZENS OF THE STATE OF MARYLAND IS ITS ABILITY TO BRING LEADERS IN THEIR FIELDS FROM NEAR AND FAR TO PARTICIPATE IN DISCUSSIONS AND PRESENTATIONS. AMONG THE HIGHLIGHTS OF THE YEAR:

Nancy Pelosi, minority leader in the U.S. House of Representatives and highest ranking woman in the history of the U.S. Congress, received the 2003 Millard E. Tydings Award for Courage and Leadership in American Politics.

The two Norman and Florence Brody Family Foundation Public Policy Forums featured **Newt Gingrich** at the fall Brody Forum and **Lynne Cheney**, author, scholar and wife of Vice President Dick Cheney, delivered the spring Brody Forum address.

Mary Robinson, former president of Ireland and United Nations High Commissioner for Human Rights delivered the Anwar Sadat Lecture for World Peace on March 17, 2004.

Shirin Ebadi, who received the 2004 Nobel Prize for Peace, addressed a crowd of more than 8,000 in the Comcast Center on May 12.

Alumnus **Sergey Brin '93**, co-founder of Google, delivered the Commencement keynote to nearly 3,000 graduates at the December 2003 commencement ceremony.

The May Commencement featured as its principal speaker Homeland Security Secretary **Tom Ridge**, former governor of neighboring Pennsylvania.



And Bringing the Campus to the World

The 6th annual Maryland Day attracted more than 70,000 visitors to the campus. The event has become a signature of the university and was widely publicized in all of the major area media. Four hundred events and activities staffed by more than 7,000 volunteers highlighted the university's academic mission and service role and informed the larger community.



Facilities for the Twenty-First Century

A TOP-NOTCH EDUCATIONAL AND RESEARCH INSTITUTION DEMANDS FACILITIES THAT ENABLE IT TO THRIVE AND FLOURISH. THE UNIVERSITY CONTINUES TO BUILD OUTSTANDING FACILITIES FOR THE COMMUNITY IN WHICH TO STUDY, LEARN AND EXPLORE.

The most sophisticated **Research Greenhouse Building** in the Americas was officially opened this past October. This visionary state-of-the-art research space gives university and state enterprises major advantages in conducting research on effects of changing environmental conditions on plant development, environmental management and pest management.

The **Jeong Kim Engineering Building** is scheduled to open in 2005. Named for our distinguished alumnus and member of the University of Maryland College Park Board of Trustees, the Kim Engineering Building will make possible new research in communications, smart small systems and microelectronics. A highlight of the building is a 10,000 square foot clean room, supporting advance research in nanotechnology.



The Samuel Riggs IV Alumni Center

Scheduled to open its doors in Spring 2005, the Center will be the pivotal gathering place for alumni, family and friends of the university. Designed by alumnus **Hugh Newell Jacobsen '51**, the Riggs Alumni Center is expected to quickly become a centerpiece of the University of Maryland.

Private Investors in the University's Mission



PRIVATE SUPPORT IS ESSENTIAL TO THE SUCCESS OF THE UNIVERSITY OF MARYLAND. THE UNIVERSITY IS WELL POSITIONED TO BOOST ITS FUNDRAISING TO A SUBSTANTIALLY HIGHER LEVEL.

The silent phase of a new campaign with a preliminary goal of \$800 million kicked off on July 1, 2004. The Board of Trustees of the University of Maryland College Park Foundation is leading the campaign effort with the support of our alumni, volunteers, deans and other campus leaders.

The university raised a record amount of private contributions in FY'04, raising \$85.7 million. More than 42,000 alumni made contributions in support of the university's people and programs this year, also a record. Among the contributions this year were the following:

- Occasionally, supporters of the university express their generosity without public fanfare. The university is delighted to announce an \$8 million planned gift from an alumna who wishes to remain anonymous. This extremely generous gift will provide funding for the Samuel Riggs IV Alumni Center, music scholarships, the Art Gallery, and performance and residence funds in the performing arts.
- The Phillip Merrill College of Journalism's Knight Center for Specialized Journalism, in its 16th year of offering training seminars for professional journalists, has received a renewal grant of \$2.42 million from the **John S. and James L. Knight Foundation** for three more years of operation. The center brings together print and broadcast journalists for week-long courses as Knight Fellows to improve their reporting and editing skills.
- The College of Health and Human Performance received a \$2.4 million grant from **The Atlantic Philanthropies** to support a policy research project in eight demonstration sites in disadvantaged communities throughout the United States. The project will assess new options for intergenerational volunteer service programming to meet community-based health and independent living needs. This work is being undertaken by faculty in the Center on Aging, one of the nation's premier gerontological research programs.
- The Smith School of Business was the recipient of more than \$2.1 million of software and services from **SAP**. Headquartered in Walldorf, Germany, SAP is the world's largest inter-enterprise software company, and the world's third-largest independent software supplier overall. The enterprise software will be used in the logistics and supply chain courses for undergraduates and M.B.A. students and will also be used by faculty members for research.
- The University of Maryland School of Public Policy received the largest gift in its 22-year history when **Roy F. Weston** of Newtown Square, Pa., contributed \$1.65 million to endow the Roy F. Weston Chair in Natural Economics and provide start-up funding to launch a new initiative in Natural Economics. Weston, who pioneered the field of natural economics, is the retired CEO of Roy F. Weston Consulting, now Weston Solutions, which he founded in 1957. This

contribution will assist the school in charting innovative research and teaching on the management of material and energy use and associated technological, social, economic and institutional challenges.

- **Leo Van Munching '50** pledged \$1 million toward the construction of an annex for Van Munching Hall. This gift brings to more than \$14.5 million the total of philanthropic support Van Munching has directed in support of the Smith School of Business.
- **The Alfred P. Sloan Foundation** has renewed its support of the Center for International Security Studies at Maryland (CISSM) with a \$600,000 grant. The grant will assist research scholars' efforts to formulate policy solutions to control biological and chemical pathogens. CISSM is based at the School of Public Policy and directed by John Steinbruner.
- **Fred Kohloss '43** and his wife **Margaret Kohloss** recently made a gift of \$520,000 to establish a charitable remainder unitrust to benefit the A. James Clark School of Engineering. With this most recent gift, the Kohlosses giving to the Clark School totals over \$2.5 million. The combined funds will be used to establish an endowed chair in the Department of Mechanical Engineering.
- **Robert and Arlene Kogod** have made a most generous \$500,000, five-year pledge to support programming in the Kogod Theatre. This innovative gift will support artist fees, production expenses and marketing costs associated with the musical, theatrical and dance productions in the theatre bearing the Kogods' names.

- **Ross H. Mandell '78** has made a generous gift of \$500,000 in support of the Leaders for Tomorrow program. This initiative is designed to groom students to vie successfully for prestigious national post-graduate scholarships and fellowships such as the Rhodes, Mellon and Truman, and to encourage public service and leadership among Maryland's most outstanding students.
- **The France-Merrick Foundation** has made a four-year, \$400,000 pledge of support for the Baltimore Incentive Awards Program. This commitment from such a high profile and respected Baltimore foundation is a wonderful boost for the program. To date, 27 students have been selected as Incentive Award recipients and are taking advantage of the educational opportunities at Maryland.



University President Dan Mote (above, left) gives a “thumbs up” on private support for student scholarships.



WE ARE PROUD OF THE MANY ACCOMPLISHMENTS OF OUR FELLOW ALUMNI. UNIVERSITY OF MARYLAND ALUMNI CONTINUE TO HAVE AN IMPACT BOTH WITHIN THE STATE OF MARYLAND AND AROUND THE GLOBE. FOLLOWING ARE JUST A FEW OF THE ALUMNI ACHIEVEMENTS OF THIS PAST YEAR.



Brian LeGette '89 is the co-founder of 180s LLC

Maryland Entrepreneurs

Two companies started by Maryland alumni were among the top 10 on *Inc.* magazine's annual Inc. 500 ranking of the fastest growing private sector companies in the country. Ranking second was Under Armour Performance Apparel, the brainchild of **Kevin Plank '97**, who developed a line of clothing for athletes designed to keep athletes cool and dry during workouts. The company, based in Baltimore, has a five-year sales growth of 12.753% and 2002 revenue of \$50.7 million. 180s LLC ranked ninth on the Inc. 500 list, having a five-year sales growth of 9.249% and 2002 revenue of \$31.2 million. **Brian LeGette '89**, with his business school friend, founded 180s, which aims to revolutionize products for athletes and ordinary people. Their first success was with an ear warmer that wraps around the back of the head.

Nobel Prize Winner Raymond Davis Receives Enrico Fermi Award

Alumnus **Raymond Davis Jr. '37, '40 M.S.**, who won the Nobel Prize in physics in 2002, was one of three scientists awarded the Enrico Fermi Award bestowed by the U.S. Department of Energy. The honor recognizes scientists of international stature for their lifetimes of exceptional achievement in the development, use or production of energy.

Technology for Humanity Recognition

Robert Fischell, who received his M.S. in physics in 1953, received *Discover* magazine's "Technology for Humanity" award and was featured in the November 2003 issue in an article entitled "Technology for Humanity: Robert Fischell—The Inventor Who Saved 65,000 Lives."

Serving to Make Intercollegiate Athletics a Positive Force

Len Elmore '78, joined the Knight Foundation Commission on Intercollegiate Athletics. Elmore, who was a basketball stand-out at Maryland and in the NBA, is an ESPN analyst. The commission's goal is to study and report on reform efforts that recognize and emphasize academic values in an arena where the commercialization of college sports often overshadows the underlying goals of higher education.

The Washington Business Hall of Fame

John Tydings '63 was one of five inductees to the Washington Business Hall of Fame in November. The Hall of Fame was founded in 1988 by the Greater Washington Board of Trade and *The Washingtonian* for the benefit of Junior Achievement of the National Capital Area. Tydings retired in 2002 as president of the Greater Washington Board of Trade, which he had served in various capacities for more than 32 years. Tydings was a founder of Leadership Washington and helped Junior Achievement develop here. A member of the University of Maryland College Park Foundation Board of Trustees, he is involved with Heroes Inc. and is president of the National Capital Area Foundation.

Serving at the Request of the President of the United States

Alumna **Carly Fiorina '80 M.B.A.** chairwoman and CEO of Hewlett Packard, is one of eight aerospace and technology experts selected by President Bush for the Commission on Moon, Mars and Beyond, which is charged with providing recommendations regarding moon research activities, increasing young people's interest in space science, and bringing in industry and other countries as space partners.

Faryar Shirzad '86 was selected by President Bush to serve as Deputy Assistant to the President for International Economic Affairs and Deputy National Security Advisor. He previously served as special assistant to the President and senior director for International Economic Affairs at the National Security Council.

Making It Big on the Big Screen

Mark Ciardi, film producer and former Milwaukee Brewers pitcher, has a second box office hit. *Miracle* tells the story of the gold medal hockey game between the United States and the Soviet Union during the 1980 Winter Olympics. His previous hit was the baseball film, *The Rookie*.

Going into Space

Richard Arnold '92 was one of 11 men and women selected to join the ranks of NASA's astronaut corps. Currently a math and science teacher in Bucharest, Romania, he received a master's degree from in marine estuarine and environmental science.





WE ARE ALL AWARE THAT EXCELLENCE DEMANDS RESOURCES, BUT PRESIDENT MOTE HAS TAKEN THE LEADERSHIP IN ENSURING THAT OUR BUDGETS ARE NOT BALANCED ON THE BACKS OF THE STUDENTS WHO CAN LEAST AFFORD A COLLEGE EDUCATION.

To that end, he unveiled the innovative Maryland Pathways Financial Aid Program. The two-track Maryland Pathways program replaces loans with grants in financial aid packages for low-income students and champions the value of work as a part of student life experience. Some 500 freshmen, about 12 percent of the incoming class, are expected to receive the first Maryland Pathways awards in Fall 2004. The university has partnered with the Maryland Higher Education Commission (MHEC) to make \$1.6 million available annually to fund the program when it is fully implemented in four years. University funds will come from reallocation of financial aid resources and endowments and additional private funds to be raised in the future. MHEC will provide its Maryland Guaranteed Access Grants to students targeted for this new assistance program.

I. The board strongly recommends full implementation of the university's FY'06 budget request, including both base budget and separate list budget items. It is imperative that the university receives the level of funding needed to maintain its status among the top 20 public research universities in the country.

While the board was gratified that the university's budget was not cut last year, we recognize that level funding essentially represents a budget cut, as the university has had to absorb increasing costs with no additional state dollars.

Two consecutive years of level funding, on top of the drastic budget reductions in FY'03 and FY'04, have caused painful cuts across the entire campus. The board is concerned that future additional cuts will erode the quality of our university. In fact, the university will face increases of mandatory expenditures in FY'06 of more than \$30 million. These expenses include rising energy and soaring health care costs, and increased financial aid needs. Another year of level funding will again amount to another cut of the university's budget.

The university continues to do its part to manage the budget shortfalls of the past few years. Since the university relies almost exclusively on state appropriations and tuition and fees revenues to support its educational mission, the university has taken the necessary actions required to address the shortfall, which includes both raising revenue through tuition increases and reducing expenditures across campus.

President Mote has set as his highest priority the protection of the academic quality the University of Maryland has built over the past decade. Shrinking resources requires creative management and determination to find efficiencies of all sizes and at all levels of the institution. The University of Maryland has developed efficiencies through better business practices and consolidation of services, while continuing to protect the quality of instruction. Some efficiency examples include, consolidated business operations of the health center and student union to gain economies of scale, saving about \$53,000; reduced number of specializations from nine to five in biological sciences to eliminate under-

enrolled courses and advise students more efficiently; eliminated the Office of Commuter Affairs and distributed services among several departments, saving \$367,000.

As members of the board, we applaud President Mote's leadership in developing these efficiencies, and for his unwavering conviction to maintain the quality of the state's flagship university. It remains critical to the momentum of this university and state that we support President Mote's vision for the University of Maryland ... achieving a national reputation on par with our peer institutions. While the board appreciates the difficult fiscal condition of the state, it would be shortsighted and ultimately self-defeating to slowly starve the state's public universities and, in particular, its flagship university. Alumni, family and friends of the University of Maryland are justifiably proud of the accomplishments of this institution. It would be tragic to lose the momentum of the last decade, stopping short of our goal, due to a lack of funding. Therefore, we strongly encourage the governor and General Assembly to support the FY'06 funding requests for the University of Maryland.

II. The board strongly supports the funding needed for the renovation of the Tawes Building for FY'06. This project has been delayed for the past two years and the department has been in temporary space since 1991—a facility inappropriate and inadequate in its purposes, stature and its aspirations.

The strength of the Department of English is a prime indicator of the quality of any university, but especially those aspiring to first-rank status. The Department to English at Maryland is one of the best in the country and rapidly improving. The proposed conversion of the Tawes Fine

The University of Maryland set as its highest priority the protection of the academic quality we've built over the past decade. To do that with shrinking resources requires creative management and a determination to find efficiencies of all sizes and at all levels of the institution.

Following are examples of these efficiencies.

Good Business Practices Cost Little, Save a Lot

- Reduced office supplies costs by \$250,000 through improved contracts.
- Utilized dorm, classroom and meeting space year-round by hosting athletic camps, high school graduations and national academic conferences during the summer months for about 90,000 people, as well as 1,800 summer classes for 13,000 students.

Consolidation Gets More Bang for the Buck

- Reduced the number of specializations from nine to five in biological sciences to eliminate under-enrolled courses and advise students more efficiently.
- Eliminated the Office of Commuter Affairs and distributed services among several departments, saving \$367,000.

Technology Investments Save Money and Time

- Increased efficiency of steam generation with new equipment.
- Installed new fire walls on critical servers, saving \$2.5 million by reducing manual interventions for information security.

Arts Building for the Department of English is urgently needed in order to enhance the ability of the department to provide 21st century English education to our 25,000 undergraduate students that incorporates writing and critical thinking skills necessary to compete in today's workforce, and prepares them to be well-educated, productive citizens.

The Department of English, which is central to the university's educational mission, is currently located in temporary space that is cramped and scattered: the faculty and administrators have occupied an inadequate, temporary surge building, Susquehanna Hall, since 1991; the Writing Center is located in Taliaferro Hall; and many

of the graduate teaching assistants are housed in former gym space in Prienkert Field House. Nearly half of our distinguished faculty are doubled up in offices, and, in many cases, three instructors share one desk. Recruitment and retention of excellent faculty in the department are at risk the longer they must remain in temporary quarters.

And due to the temporary nature of the existing space, the classrooms and labs have not been equipped with modern teaching technology. The Tawes Renovation will unify the department in a central and accessible location on campus, will provide classrooms and labs equipped with modern teaching technology, and will provide a number of offices adequate to the proper housing of departmental faculty, administrators, lecturers and graduate teaching assistants.

The Renovation of Tawes will also improve the efficient and effective use of our resources. For example, (1) converting Tawes for English is more cost effective than constructing a new building (\$182/GSF to convert versus \$350/GSF to build new); (2) this project will result in 100 percent utilization of Tawes (nearly 20 percent of Tawes is currently not occupied either because it is in poor condition or because it was specifically designed for performing arts activities and cannot easily accommodate the needs of other academic programs); and (3) this project will bring the currently scattered Department of English under one roof, which will allow it to provide services within existing resources with maximum efficiency. Every student entering the University of Maryland enjoys the expert teaching of the Department of English. The department provides two of the university's three fundamental studies requirements. Of the 80,000 annual credit hours at the university, 52,000 of these hours are in the English department. Over 6,000 students utilize the writing tutors annually.

The scope of this project includes the renewal of aged and dilapidated building systems (e.g., a new four pipe fan coil HVAC system will be provided); the performance of code compliance modifications (e.g., new fire sprinklers will be provided and the obsolete fire alarm system will be replaced); and performance of architectural modifications to accommodate the Department of English and instructional space (e.g., small individual music practice rooms will be demolished and replaced with faculty offices). Tawes Theater, Ulrich Recital Hall and the Flagship Channel will remain in the building and undergo systems upgrades and code compliance modifications. The DBM approved Part II Program provides details.

It is worth noting that our second priority, the University Teaching Center (formerly named the Multi-Media Instructional Center), is also critically needed to provide our undergraduate students with 21st century education and to improve efficiency and effectiveness. Our recent CIP projects, such as the Kim Engineering Building and the Biosciences Research Building, have focused on the campus's research mission. It is essential, however, that the university also advance its core mission of providing high-quality education to undergraduate students and preparing those students to be productive citizens with skills appropriate to the workplace of the 21st century. The Tawes Conversion for the Department of English and the University Teaching Center directly support this core mission. Both these projects have been in our CIP for many years. A timely move to a renovated Tawes is essential if the department is to continue on its path of excellence.

Conclusion

A RESEARCH UNIVERSITY OF OUR STATURE IN THE STATE IS IRREPLACEABLE. NOT ONLY DO WE SERVE AS THE LARGEST PRODUCER OF HIGH QUALITY GRADUATES FOR THE STATE, BUT ALSO AS A GENERATOR OF NEW KNOWLEDGE AND AN ENGINE FOR ECONOMIC DEVELOPMENT. THE UNIVERSITY OF MARYLAND HAS CREATED A MOMENTUM THAT THE ENTIRE STATE NOW ENJOYS. WE STRONGLY ENCOURAGE THE MARYLAND GENERAL ASSEMBLY AND THE GOVERNOR TO CONTINUE TO SUPPORT THIS MOMENTUM. THE MEMBERS OF THE BOARD OF VISITORS, (THE EXECUTIVE COMMITTEE OF THE BOARD OF TRUSTEES) AND THE UNIVERSITY OF MARYLAND COLLEGE PARK BOARD OF TRUSTEES LOOK FORWARD TO WORKING TOGETHER WITH THE GOVERNOR AND THE GENERAL ASSEMBLY IN SUPPORT OF THE UNIVERSITY OF MARYLAND.

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