

Board of Visitors Report  
*2005–2006*





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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.

The University of Maryland College Park Foundation Board of Trustees looks forward to working together with Governor Martin O’Malley and the General Assembly to fulfill the State’s mandate for top-quality public higher education in Maryland.

As we embark upon 2007, the Board puts forward three strategic funding priorities for the Governor and General Assembly’s consideration:

*I. The Board strongly recommends full support of the University’s Delivering the Promises Strategic Plan. We urge the State of Maryland to help the university to achieve the necessary funding to make strong gains toward the State-mandated goal of being a top public research university.*

*II. The Board strongly supports construction funding for the renovation of the Tawes Building in FY08. This project has moved forward with two years of planning, and construction must not be delayed in order to keep on budget.*

*III. The Board strongly supports moving a new Physical Sciences Facility higher on the capital improvement list and allocating planning funding for it immediately. The urgency in this program should not be underestimated.*

The University of Maryland, College Park, had a banner year in 2006, in no small part due to the investment of state funds and the commitment from the General Assembly to support public higher education. The support of alumni and friends through private donations has been record breaking too. In this report, we invite you to take pride in the university’s achievements over the past 15 months and to review closely our recommendations for the next steps to achieving our shared vision for the University of Maryland, College Park.





### Celebrating our History: 150th Anniversary

This academic year we celebrated the 150th Anniversary of the University of Maryland's founding as the Maryland Agricultural College in 1856. The year-long celebration was designed to raise awareness, engender pride and offer people a reason to take a closer look at the university. It was a success on all counts. Students have acquired a greater understanding of the history of their institution, alumni have reconnected with their alma mater and citizens throughout the state of Maryland have gained a greater understanding of the vital contributions that the university makes to the state of Maryland. Among the highlights of the year-long celebration were:

- The kick-off at the Maryland-Navy game and tailgate at M&T stadium
- Partnership with the Redskins to highlight the anniversary at two home games at FedEx Field.
- Pictorial history book published, with nearly 3,000 sold.



- Anniversary documentary aired on Maryland Public Television and sold to alumni and friends.
- Charter Day celebration, which drew more than 4,000 members of the university community to celebrate the university's "birthday."
- Anniversary academic forums on subjects ranging from the relevance of the land grant mission to the roots of terrorism.
- Three special exhibits: a photographic exhibit, "Moving Pictures," that was on display at the Stamp Student Union; a 150th Anniversary exhibit displayed in the Miller Senate Office Building in Annapolis throughout most of 2006; and "Corps of Cadets to Testudo's Troops: 150 Years of Student Life at Maryland" at Hornbake Library.
- 50 Fear the Turtle Anniversary Sculptures were displayed all over the region (Baltimore, Washington, Silver Spring, Landover, College Park, Ocean City and on campus) from mid-April to October 2006 and were auctioned off on October 19, 2006, to raise money for student scholarships.



Thomas Schelling

### Nobel Prize Winners

Distinguished University Professor Emeritus Thomas Schelling was co-winner of the 2005 Nobel Memorial Prize for Economics. He won the prize for analyses of practical applications of game theory in areas including labor negotiations; crime and segregation; smoking behavior; tobacco and drug policies; and the economics of climate change, among others. His approach to risk and negotiations served the world well during the nuclear arms negotiations in the Cold War. Schelling's achievement brought great distinction and attention to the University of Maryland as he was quoted far and wide in media outlets.

NASA researcher John C. Mather, who is also an adjunct physics professor, won the 2006 Nobel Prize in Physics for measurements of cosmic background radiation that provided a clear look at the birth of the universe. Mather, who shared the award with George F. Smoot of the University of California, Berkeley, was awarded the



John C. Mather

prize for determining the extraordinarily high temperature that existed immediately after the "Big Bang" and detecting the slightly uneven (anisotropic) distribution of the cosmic background radiation. Mather is the second physicist to win a Nobel Prize while an adjunct professor at Maryland. In 1997, then adjunct William Phillips won the physics prize for work using lasers to cool and trap atoms that he conducted at the National Institute of Standards and Technology (NIST). Phillips, now a Distinguished University of Maryland Professor of Physics and a NIST fellow, leads the university's atomic, molecular and optical physics research group.

### Great Expectations Campaign

We embarked on the second year of the "Silent Phase" of the *Great Expectations* campaign and achieved another record setting year in terms of private philanthropic commitments. At the end of June 2006, we had recorded more than \$284 million toward our "Silent Phase" goal of \$300 million. The "Silent Phase" concluded on October 20, 2006, at the public launch of the campaign, with more than \$315 million in commitments. The most significant gift recorded in fiscal year 2006 was a commitment of \$30 million from alumnus Robert E. Fischell to establish the Fischell Department of Bioengineering and the Robert E. Fischell Institute for Biomedical Devices within our A. James Clark School of Engineering.

### New Programs Implemented to Enhance Access to the Flagship

- The Maryland Transfer Advantage Program guarantees transfer admission to the university for freshmen entering Montgomery College and Prince George's Community College who meet specified criteria. The university admits conditionally students it would have otherwise admitted later had they met the same conditions. The program was first instituted for high school graduates in Spring 2006 and will be expanded after we gain some first-hand experience. The students have access to university counselors and can also enroll in some courses at the university while continuing their community college studies.

- The University of Maryland Incentive Awards Program expanded to Prince George's County. This program was initiated six years ago for students from nine Baltimore City public high schools who have overcome great disadvantages in their circumstances. Students receive room and board plus tuition and fees for four years as well as personal mentoring and counseling to encourage their success. They in turn are asked to help connect other students from their former high schools to higher education. They return to their high schools at least once each semester to speak to students, teachers, counselors and others about life at a university. The Incentive Awards Program has had remarkable success with a retention rate of 93% and about a dozen graduates. Beginning in the fall of 2006, students from five high schools in Prince George's County will be participating in the program. The cost of the program is about \$25,000 per year per student, which has to be raised from private sources.

### Rankings

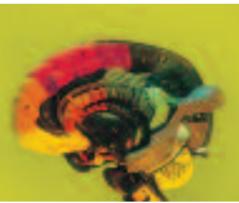
In overall rankings this year in *U.S. News & World Report*, the university was again listed at 18th among public universities, with the undergraduate business and engineering programs ranked 22nd in the nation. In *U.S. News* graduate school rankings published in the spring of 2006, the A. James Clark School of Engineering climbed to 13th in the nation overall, with five of its departments ranked in the Top 25. Six specialties in the Robert H. Smith School of Business ranked in the Top 25, while three departments and 14 specialties within the College of Computer, Mathematical and Physical Sciences earned Top 25 rankings. The College of Education held steady at 24th in the nation, and the College of Information Studies ranked 13th.

#### RANKINGS

We're ranked in the Top 20 among U.S. public research universities.

31 Programs in Top 10  
61 Programs in Top 15  
91 Programs in Top 25

Plus, we are the only public research university on the East Coast with programs in computer science, mathematics, physical science and engineering ranked in the Top 20.



## New Appointments

Melvin Bernstein was appointed Vice President for Research at the University of Maryland. Formerly acting director,



Melvin Bernstein

Office of Research and Development, Science and Technology Directorate, U.S. Department of Homeland Security (DHS), Bernstein is responsible for sustaining strong growth in the university's research programs and facilitating the development of new, multidisciplinary research proposals and activities, particularly those working across university campuses, government agencies and the business sector. Bernstein will also develop partnerships and agreements with government and industry, leading to expansion of research projects at M Square, the university's research park. He will also oversee some of the university's major research centers, including the Center for Advanced Study of Language and the National Consortium for the Study of Terrorism and Responses to Terrorism.

Charles Caramello has assumed the position of Associate Provost for Academic Affairs and Dean of the Graduate School. Caramello has served the University of Maryland in various academic and administrative positions. He has been chair of the Department of English for the past eight years, and acting director of the Comparative Literature Program for the past three. Prior to becoming chair, he was director of Graduate Studies in English, and he has directed the English Department's endowed lecture series, the Bebe Koch Petrou Lectures, since its inception in 1990. He holds academic appointments as professor of English, affiliate professor of Comparative Literature, and affiliate professor of American Studies.

Dennis M. Kivlighan, Jr., was appointed Interim Dean of the College of Education in July 2006. Prior to this appointment, Kivlighan was professor and chair of the College of Education's Department of Counseling and Personnel Services, a position he has held since 2001. *U.S. News & World Report* has ranked the Department of Counseling and Personnel Services first in the nation for seven consecutive years. Before coming

to the University of Maryland, Kivlighan served in various capacities at the University of Missouri in the Department of Educational and Counseling Psychology. He was professor and chair of the department, director of training for the Joint Training Program in Counseling Psychology, director of Undergraduate Studies, and director of Graduate Studies. He is a fellow of the American Psychological Association (Division of Counseling Psychology) and is a two-time recipient of the Research Award from the Association for Specialists in Group Work.



Dennis M. Kivlighan, Jr.

## Faculty Achievements

Queen Elizabeth bestowed the Royal Medal on Michael Fisher, Distinguished University Professor and USM Regents' Professor. The medal was created by King George IV in 1826 and is conferred twice per year for great contributions to "natural knowledge." Earlier recipients include mathematicians Paul Dirac and Lord Rayleigh, and astronomer Sir Fred Hoyle.

Professor James Wallace, Department of Mechanical Engineering, was named 2005 Maryland Professor of the Year by the Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education. Professor Wallace is the director of one of our most successful enriched learning programs, Gemstone, a unique program in which Honors students participate over four years in team research projects that integrate technological and social issues connected with major national problems.

Professor Ruth DeFries, who has a joint appointment in the Department of Geography and the Earth System Science Interdisciplinary Center, was recently elected to the National Academy of Sciences, one of the highest honors in American science and engineering. DeFries researches deforestation and other changes that humans are making to the Earth's land surface. Using data from satellites and field work, DeFries studies how these changes affect climate, biodiversity, water quality and other factors that determine the Earth's habitability.

Gregory B. Baecher, professor of civil and environmental engineering, was elected to the National Academy of Engineering for the development, explication and implementation of probabilistic- and reliability-based approaches to geotechnical and water-resources engineering.

Eight Pulitzer Prize winners are teaching at the University of Maryland's Philip Merrill College of Journalism, including alumnus and two-time Pulitzer Prize winner Jon Franklin '70 and legendary journalists David Broder and Haynes Johnson.

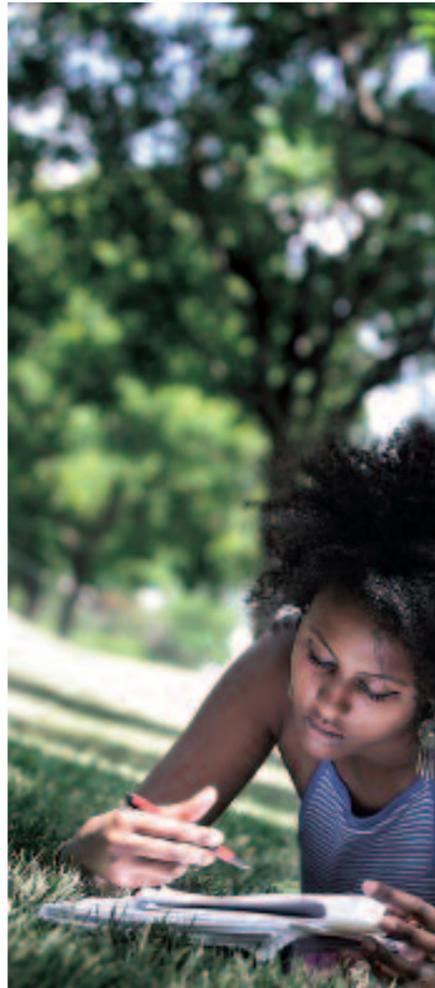


Jon Franklin



Ruth DeFries





## Shelter from the Storm

In the wake of Hurricane Katrina, Maryland was among the first universities nationally to welcome students from the Gulf States (and relieve them of tuition obligation if they had already paid tuition to their home institution). We took in 112 undergraduate and 15 graduate students, many of whom were Maryland residents. Twelve remained for the spring semester.

## Highly Talented Students

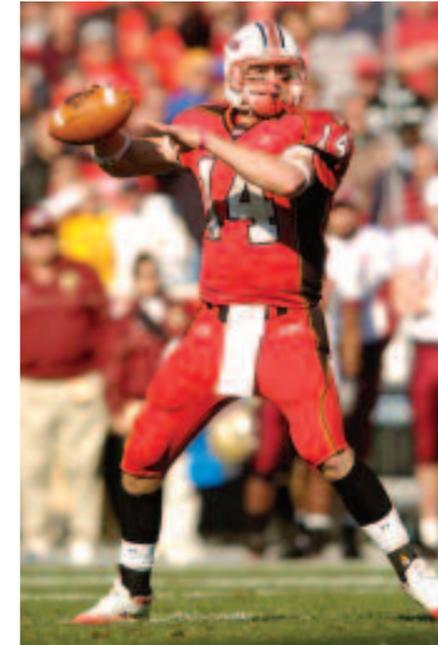
The university's self-imposed mandate is to provide access to a top-quality education for Maryland residents. We are fulfilling this mandate. More students apply to the university than ever before, and they are better prepared academically. In 2005, the number of University Honors students increased to 900, a couple of hundred over the target because of a higher than expected acceptance rate. The qualifications of our entering freshmen indicate that we are retaining more of Maryland's most highly qualified students and stemming the exodus of talent from the state.

## National Scholarship Recipients

This year, three students, Kristina Cammen, Lauranne Lanz and Suji Kim, won the prestigious Barry M. Goldwater Scholarship, awarded to sophomores and juniors who have outstanding potential and intend to pursue careers in mathematics, engineering or the natural sciences. Bryant C. Lee received the highly competitive National Defense Science and Engineering Graduate Fellowship. The scholarship, which is designed to provide the United States with talented men and women who will lead state of the art research projects in disciplines having the greatest payoff to national defense requirements, provides support for graduate school leading to the doctoral degree.

## Achieving Renown in Athletics

During the 2005-2006 academic year, University of Maryland student-athletes earned more national championships than any other Division I school in the nation. Our championship teams were women's field hockey, men's soccer, women's basketball and competitive cheerleading. Achievements on the field were complemented by success in the classroom. In the spring semester, 302 student-athletes earned grade-point averages of at least 3.0, while 276 student-athletes earned University Honor Roll status in the Fall 2005 semester. And, 33 Terrapins earned perfect 4.0 GPAs in the spring term. The Honor Roll included 25 members of the football team, three members of the men's basketball team, seven women's basketball players, seven from men's soccer, 17 from competitive cheerleading and 13 from the field hockey team. In the fall of 2006, women's field hockey repeated its achievement, winning the championship for the second year in a row, and the football team was victorious over Purdue in the Champs Sports Bowl on December 29, 2006.

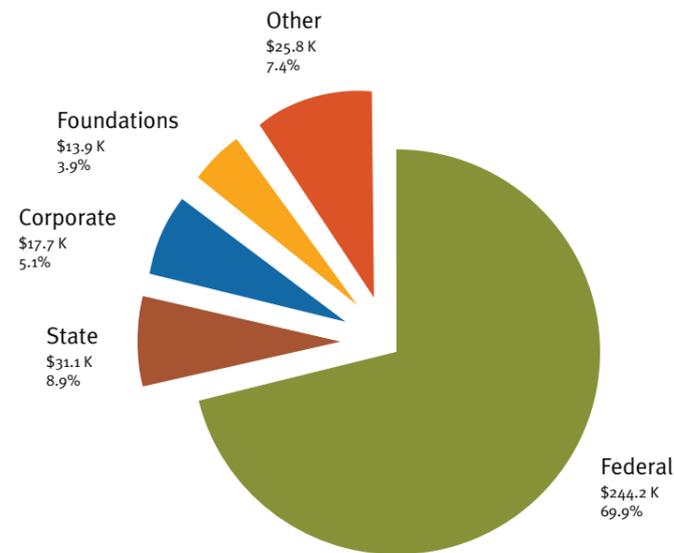




Researchers at the University of Maryland are taking the first steps to develop a 21st-century interactive supply chain system for the U.S. military—one that will return repairable military equipment back into battle sooner and at lower cost. With a new \$2.1 million grant, an interdisciplinary team led by the Center for Public Policy and Private Enterprise will develop a prototype Web-based supply network to quickly acquire and deliver replacement parts on an as-needed basis. The demonstration project will involve maintenance of F/A-18 Navy fighter jets, and will link together a series of advanced technologies, all integrated through a secure Web portal.

Following 9/11 and the realization that America needs more expertise in other languages, Congress created the National Flagship Language Initiative (NFLI), which offers students at select universities like Maryland a chance to immerse themselves in a specific language and culture for two years at no cost, in return for two years of subsequent government service. Maryland hosts one of two Arabic Flagships in the country, plus a share of the Russian Flagship and has been selected to host a third program, the Persian

## UM Combined R&D Funding FY2005



**National Flagship Language Initiative.** Maryland was selected to host these programs because of its faculty expertise in these languages and in the second-language-acquisition field.

The new Center for Food Systems Security and Safety studies the supply and processing of food, and the security of the entire

food system, from the farm to the dining table, which could be harmed by natural and/or purposeful pandemics. The first endowed faculty chair in agriculture at Maryland, the Facchina Chair, has been created in food system security. This is a topic of international importance that is relatively new to agriculture but will only grow in our tightly connected world. The

topic is timely on many fronts: U.S. beef exports to Japan were halted last year, after a brief reprieve from a long-term ban, until the security of the beef supply can be verified.

The new Joint Institute for Knowledge Discovery was established in the University of Maryland Institute for Advanced Computer Studies (UMIACS). Funded by a combination of federal government and industrial affiliates, the center will draw together leading scholars in the development of new and innovative approaches to finding relevant knowledge in large-scale data stores and semi-structured or unstructured data and text repositories. The institute has been funded at \$2 million.

The Center for Health Information and Decision Systems at the Robert H. Smith School of Business is an academia-led collaboration with industry and government affiliates, designed to research, analyze and recommend solutions for the introduction and integration of information and decision technologies into the health care system. Its results can have major implications for rural and urban health care delivery.

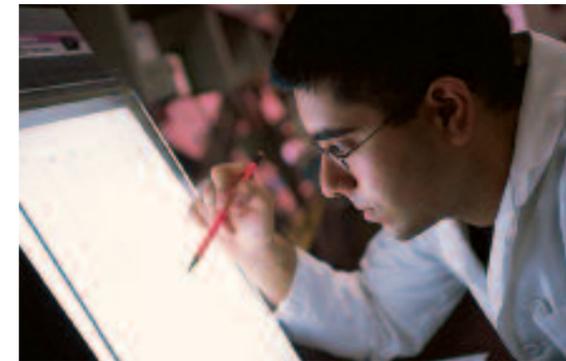
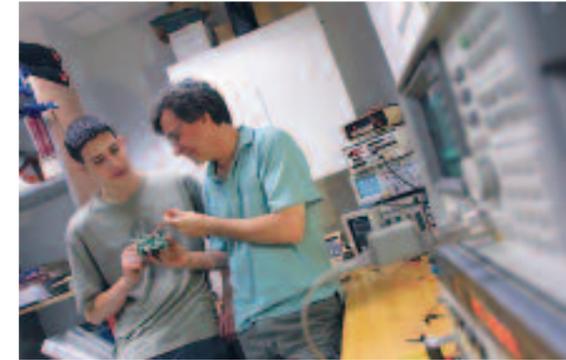
The University of Maryland Research Park, M Square, is probably the most ambitious partnership between the university, the state, the federal government and industry. Located at the College Park Metro, M Square is planned to be the largest research park in the state and the Greater Washington Region, spanning 124 acres with nearly 3 million sq. ft. of space and 6,500 jobs. Three federal tenants have already signed on.

- The Center for Advanced Study of Language (CASL) is the first anchor at M Square. It opened in October 2005 as a language research facility, and represents a partnership between the university and the federal government.

- The National Oceanic and Atmospheric Administration (NOAA)'s National Center for Weather and Climate Prediction has broken ground and construction is underway for its 270,000-sq.-ft. building on 10 acres that will house 800 people in a partnership with the university and NASA Goddard for the world's weather and climate prediction center.

- The Food and Drug Administration's Center for Food Safety and Applied Nutrition at M Square, along with CASL and NOAA, create three "anchors of excellence" in key research strengths of the campus: language and linguistics; earth system modeling and prediction; and food, food system safety and food system security.

- In January 2006, the university signed the first tenant in its Technology Ventures Building. MXF Technologies, Inc. has developed x-ray technology that could revolutionize medical diagnostic procedures, such as the mammogram.





# GREAT EXPECTATIONS

THE CAMPAIGN for MARYLAND



## \$1 Billion Campaign Announced

On October 20, 2006, the University of Maryland kicked off its landmark, seven-year campaign to raise a record \$1 billion in private support. *Great Expectations*, The Campaign for Maryland will generate significant funding to support students, recruit and retain faculty, enhance physical facilities and library and technology resources, and reinforce excellence and innovation in academic programs. This support, along with state backing, will build the University of Maryland into a truly great research university — an institution with global reach and impact.

At a festive kick-off event attended by 500 supporters, the university announced not only its \$1 billion goal but also that more than \$315 million had been already committed during the two years of the campaign's "Silent Phase," which was led by A. James Clark '50 and Robert H. Smith '50.

The campaign leadership includes some of the university's most loyal and generous supporters:

### Co-Chairs

- Dr. David C. Driskell, Distinguished University Professor Emeritus, University of Maryland
  - Mrs. Alma Gildenhorn '53, Philanthropist
  - Mr. Lowell R. Glazer '55, President, A & G Management Company, Inc.
  - Mr. Barry P. Gossett, CEO, Acton Mobile Enterprises
  - Mr. William E. Mayer '66, '67, Partner, Park Avenue Equity Partners
- ### Honorary Co-Chairs
- Mr. A. James Clark '50, Chairman and CEO, Clark Enterprises, Inc.
  - Dr. Robert E. Fischell '53, Chairman, Fischell Biomedical, LLC
  - Mr. Robert H. Smith '50, Chairman, Charles E. Smith Commercial Realty, a division of Vornado Realty Trust, and Chairman, Charles E. Smith Residential, a division of Archstone-Smith

*Great Expectations will conclude on December 31, 2011.*



## Generous Commitments of Private Support in 2005-2006:

With a gift commitment of \$30 million, alumnus and trustee **Bob Fischell** is leading the university to excellence in an area that is near and dear to his heart. The **Fischell Department of Bioengineering** and the **Robert E. Fischell Institute for Medical Devices** are destined to become world renowned for the integration of physical, chemical, mathematical and engineering principles in the study of biology, medicine, behavior and health and will be committed to pioneering research as well as technology transfer so that the department will have a tangible impact on the quality of life for current and future generations. Bob's sons—Tim, David, and Scott—have also pledged to support the new department and institute with a gift of \$1 million.

**Patrick Tak Sung '69 M.S., '72 Ph.D.**, and his wife, **Marguerite Tien-Yu Young Sung '70**, pledged \$2 million to establish two endowed professorships in chemical engineering and a graduate research fellowship in mathematics. The Sung's gift will not only further enhance faculty recruitment, but it will also engage students of the highest caliber.

The College of Chemical and Life Sciences received \$2 million from the **Howard Hughes Medical Institute (HHMI)** to further undergraduate education in biology and related sciences. This is the fourth HHMI grant to go to Maryland, one of only 50 universities in the nation chosen to receive the prestigious award in 2006. This most recent award, which brings Maryland's total to \$6.7 million in HHMI funding since 1992, will be used to expand undergraduate student interdisciplinary research in the chemical and life sciences.

We received more than \$1.4 million from the estate of **Mary B. Patsuris** in support of the **Angelo Bardasis Scholarship Fund**. Mrs. Patsuris was the sister of the late Angelo Bardasis, who served as associate chair of the Department of Physics from the 1970s through the 1990s. The Bardasis Scholarship is awarded to undergraduate physics majors and will help the department to recruit the most outstanding students from Maryland and around the nation.

The University of Maryland received a multi-year grant of \$1.35 million from the **International Human Frontier Science Program Organization (HFSP)** through its prestigious international competition. Biology Associate Professor **Sarah Tishkoff** is the principal investigator on the winning team, which combines faculty from North Carolina State, Oxford University and the University of Rome. HFSP, which is based in Strasbourg, France, supports novel, innovative and interdisciplinary basic research focused on the complex mechanisms of living organisms. Tishkoff's research will use an interdisciplinary approach incorporating molecular, genetic, statistical, evolutionary and bioinformatics methodology to identify variants in human and a specific parasite genomes that play a role in host/pathogen interaction to cause a lethal form of malaria.

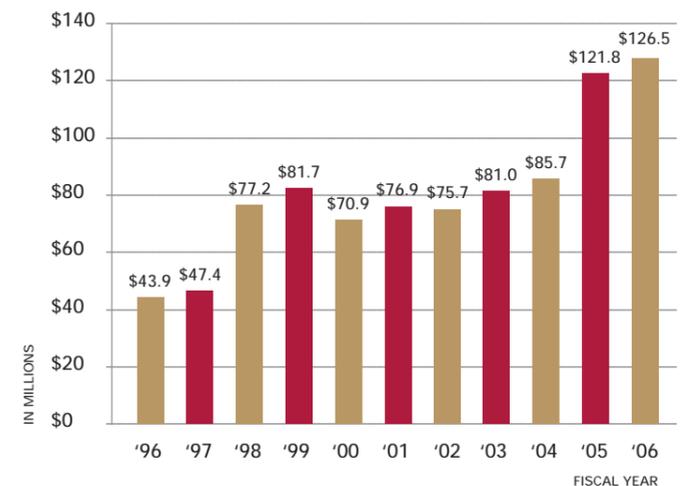
The **Clarice Smith Performing Arts Center** has been awarded a \$1.125 million grant from the **Doris Duke Charitable Foundation** as part of its Leading College and University Presenters Program (LCUPP). The program provides artistic programming and endowment support over a three-year period to university presenters of national significance and encourages innovative projects that integrate the performing arts into academic life and the surrounding community. Maryland was one of only three institutions in the country to be awarded the foundation's LCUPP grant, along with University of Illinois and University of Michigan. The Clarice Smith Center will use the grant to support extended residencies with artists; a series of public creative dialogues with artists and scholars; development of print and electronic resources for self-directed exploration of the arts; and commissions of new works by artists interested in sharing their creative processes with the public.

Long-time supporter **Chuck Irish '52**, member of the Clark School of Engineering Board of Visitors and the University of Maryland College Park Foundation Board of Trustees, recently established a \$1 million charitable remainder annuity trust to benefit equally the Charles A. Irish Sr. Chair in Civil Engineering and the engineering dean's fund.

Real-estate developer **David Hillman**, president of Southern Management Corporation, and his wife, Suzanne, have generously pledged \$1.7 million, \$730,000 of which will come to the university, in support of the Hillman Entrepreneurs Program, a four-year pilot effort to provide entrepreneurship scholarships and education to students who enter the University of Maryland after two years at Prince George's Community College. The new program is designed to assist students who may not otherwise have aspired to a four-year degree, increase awareness of entrepreneurship, provide a new source of entrepreneurial students and help stimulate economic growth in Prince George's County and the state.

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A Decade of Private Philanthropy





**I.** The Board strongly recommends full support of the University's Delivering the Promises Strategic Plan. We urge the State of Maryland to help the University to achieve the necessary funding to make strong gains toward the State-mandated goal of being a top public research university.

*(2) a growing and documented backlog of operational emergencies, lost academic opportunities, and deferred maintenance; and*

*(3) a current space deficit (vis-a-vis our peer institutions) of 1.1 million NASF, primarily in teaching and research facilities; it is anticipated the deficit will rise to 1.6 million NASF by Fall 2015.*

When the University System was created in 1988, the State recognized that a top-rated flagship university was invaluable to its citizens, businesses and future. A decade later, the Larson Task Force reaffirmed that the State's first priority in higher education was to help the University of Maryland, College Park, to achieve national eminence.

only \$107 million from a previous \$122 million.

Bringing facilities up to the level of those at peer institutions was also State mandated for the University. However, campus space is severely deficient in both quantity and quality. Between FY98 and FY07, the University System of Maryland received capital funding of \$1,886 for every FTE student in the System but the capital funding allocated to College Park was only \$1,042 per student. Between FY98 and FY07, the University taught 31% of the USM FTE students and received 17% of the USM CIP allocation. The results of this chronic under-funding are:

*1) aging facilities that are ill equipped to support the modern teaching and research environment that is necessary for higher education instruction in the 21st century;*

In Fall 2005, the University presented Delivering the Promises, a four-year financial enhancement plan (FY07-FY10) that would fulfill these two promises: 1) To become a flagship university ranked among the very best in the nation and 2) To provide Maryland residents with affordable access to the university for highly qualified citizens of the State.

We are grateful that the State substantially augmented its support for the university, enabling it to provide increased support for student financial aid and decreasing the total deficit in funding per student (in comparison with peer institutions) to

Facilities funding at Maryland's flagship must reflect the scale and mission of the university and the State's mandate to bring the campus facilities to the upper level of peer flagship institutions.

The Board urges the newly elected Governor and General Assembly to continue their strong support for the University of Maryland, College Park, and we urge you to remain a strong partner with the University in its effort to achieve the ambitious agenda laid out in the Delivering the Promises plan that includes funding for student financial aid, facilities improvement, graduate education and research, faculty and staff salaries, and the schools of Public Policy and Public Health.

**II.** The Board strongly supports construction funding for the renovation of the Tawes Building in FY08. This project moved forward two years ago with the approval of the initial planning money and last year with the second year of planning. Construction funding must not be delayed in order to keep this project viable.

The renovation of Tawes to become the new home for the Department of English is essential to the university's core mission of providing high-quality education to undergraduate students and preparing them to become productive citizens with skills appropriate to the workplace of the 21st century. The scope of the project includes the renewal of aged and dilapidated building systems; code compliance modifications; and architectural modifications to accommodate the Department of English instructional and office space. Tawes Theater, Ulrich Recital Hall and the Flagship Channel will remain in the building and also undergo systems upgrades and code compliance modifications.

The renovation of Tawes was on our ten-year CIP request for 12 years before planning money was first allocated in FY05. Now that the project is finally underway, it is imperative that funding continue at the appropriate level to ensure that the timely and successful renovation of this critical facility for the Department of English be completed.



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center for excellence in the study of quantum mechanics. In the Memorandum of Understanding establishing the JQI, the university promises space for the researchers and their programs, ideally, approximately 70,000 square feet.

Thus, the Board of Trustees supports the University of Maryland's efforts to make the construction of a new Physical Sciences Facility a high priority for State capital funding.

*The Maryland administration must move quickly with planning and construction of a modern physical sciences center to house the Physics faculty, classrooms and research activities. The present facility is not only in deplorable condition, parts of it are unsafe. The office space, classrooms, laboratory facilities and equipment are inadequate, and the safety issues are serious. Without prompt action, Maryland will be unable to maintain a strong national ranking in Physics.*

The need for this facility is even more imperative and time sensitive because of the University's agreement with the National Institute of Standards and Technology (NIST) and the Laboratory for Physical Sciences (LPS) to establish a Joint Quantum Institute (JQI). These groups bring to the JQI major experimental and theoretical research programs that are dedicated to the goals of controlling and exploiting quantum systems. The three institutions provide a unique combination of strengths in atomic, molecular and optical physics and condensed matter physics and will become the international

**III.** The Board strongly supports moving a new Physical Sciences Facility higher on the capital improvement list and allocating planning funding for it immediately. The urgency of this request should not be underestimated.

The Department of Physics was the first truly distinguished academic program at the University of Maryland, and it is currently ranked 13th in the nation. In its external review conducted last year, the eminent reviewers from Yale, Harvard, Colorado and Berkeley had this to say about the department:

*The University of Maryland's Department of Physics has an excellent faculty and a strong national reputation in research. Its graduate and undergraduate programs are of high caliber, and the Department has an overall 'positive first derivative' in research, teaching and education. The nonacademic staff are superb.*

As positive as they were about the faculty, they were equally as negative about the facilities:

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## Summary

The University of Maryland is well on its way to becoming one of the nation's top ten public universities. At the same time, it is the largest producer of high quality graduates and a major engine for economic development for the State. We strongly encourage the Maryland General Assembly and the Governor to continue to support the University of Maryland, College Park, and President Mote's plans for strategically moving the university forward. With a \$1 billion campaign underway, the University of Maryland is ensuring that private support increases and provides a margin of excellence. The University of Maryland College Park Foundation Board of Trustees looks forward to working together with the Governor and the General Assembly to increase and sustain State support for the University of Maryland.



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