

BOARD OF VISITORS REPORT 2002
THE UNIVERSITY OF MARYLAND





PREPARED FOR

The Honorable Parris N. Glendening
Governor, The State of Maryland

The Honorable Thomas V. "Mike" Miller, Jr.
President, Maryland State Senate

The Honorable Casper R. Taylor, Jr.
Speaker of the House of Delegates

The Honorable Karen Johnson
Secretary, Maryland Higher Education Commission

Mr. Nathan A. Chapman, Jr.
*Chairman, The University System of Maryland
Board of Regents*

Dr. William E. Kirwan
Chancellor, University System of Maryland

CONTENTS



EXECUTIVE SUMMARY	2
THE UNIVERSITY OF MARYLAND	
<i>Achievements</i>	7
<i>Faculty</i>	9
<i>Students</i>	12
<i>Research</i>	15
<i>Visitors</i>	17
<i>Facilities</i>	18
<i>Rankings</i>	19
<i>Alumni</i>	21
<i>Fund Raising Campaign</i>	23
<i>Planning for the Future</i>	26
RECOMMENDATIONS	30
CONCLUSION	34
UNIVERSITY OF MARYLAND COLLEGE PARK FOUNDATION BOARD OF TRUSTEES	35

EXECUTIVE SUMMARY



The Executive Committee for the University of Maryland College Park Foundation Board of Trustees has assumed the role of the Board of Visitors for the purpose of this 2001-2002 Board of Visitors Report for the University of Maryland, College Park.

Under the leadership of President C. D. Mote, Jr., the University of Maryland has enjoyed a highly successful and exciting year. By every quantifiable measure of quality—undergraduate admissions, research support, top-ranked programs, faculty recruitment and athletics—the University of Maryland has continued its momentum toward becoming one of the fastest rising public research institutions in the country.

The success that the University of Maryland has experienced this year would not have been possible without the generous support of the governor and the General Assembly. We are appreciative to the governor and the General Assembly for their support of higher education, and more specifically to the University of Maryland.

Students, faculty and staff pulled together to make this a record-breaking year that will live in Maryland history, not for its challenges, but for the spirit that overcame those challenges. It was a year that the University of Maryland made headlines, and surpassed even great expectations. Renowned leaders flocked to the campus, student achievement soared high, Maryland athletic teams took off with a determination that brought them to the top and our Zoom campaign gained the media spotlight.

- This year's freshman class again exemplifies the high quality of student the university is attracting. For every place in this year's freshman class, there were six applicants—the offer of admission was a much sought-after ticket among top high school graduates. Half of the freshman class ranked in the top 10 percent of their high school graduating class. Maryland is a magnet, attracting the state's best and brightest high school students, many of whom would otherwise leave the state to attend college.

- The university has wisely invested the funds that the governor and legislature has provided over the past several years in our faculty and their research enterprises. Their excellence is reflected

in the remarkable growth of sponsored research and outreach dollars, which reached a record \$352 million this past year.

- Our *Bold Vision • Bright Future* fund raising campaign concluded with a total of \$476 million—36 percent over our goal for the campaign. In addition, more than 30,000 alumni are now members of the University of Maryland Alumni Association.

- A NCAA Men's Championship Basketball Team and an Orange Bowl appearance provided the opportunity for the university to be seen in a new light across the country. The football team's dream season led to a front-page feature on the university's academic achievements in *The Washington Post*, headlined "UM's Other Winning Team."

The University of Maryland continues to be the most important asset the state of Maryland has in achieving its priorities and developing its future. Because of its reputation and strengths, the university has been able to engage in a number of partnerships with federal agencies, including NASA, FDA, NSA and NIH. These partnerships attract funds, researchers and job opportunities to the state. The university also plays a key role as a resource for Maryland businesses with its successful incubator programs, industrial partnership programs and outreach activities. More than 1,000 businesses receive direct assistance annually. In addition, 7,000 University of Maryland graduates per year enter the work force and the University of Maryland awards more than half of the doctoral degrees in the state.

The university has several projects scheduled for funding in FY '04. Among these projects, it is particularly essential to maintain the funding schedule for two specific projects: the Biosciences Research Facility and the renovation of Tawes. We believe these projects are absolutely essential to support our ability to continue to attract and retain quality faculty and to enhance the programs and facilities in support of the state. **The Board of Visitors strongly recommends that the funds for these projects remain in the FY '04 Capital Budget and the current schedule for funding for these programs is maintained throughout their completion.**

The state of Maryland is on the brink of creating a first class system of higher education with a flagship institution second to none. **In order to maintain our position as a leader in higher education, the Board of Visitors supports the University System of Maryland's FY '04 operating budget request of \$905.8 million or a 4.4 percent increase over FY '03.**

Within the University System of Maryland request, the University of Maryland, College Park, is seeking an increase of 4.1 percent. This modest increase will allow the University of Maryland to continue the momentum of the past decade.

Though we have enjoyed the benefit of a previous state surplus, and a very supportive governor and General Assembly, it is imperative that support for the University System of Maryland, and more importantly the state's flagship university, continues to be a high priority in the state.

The University of Maryland is on a roll, bringing new opportunities that enhance its reputation and, in turn, that of the state of Maryland. It is with great pride that we submit this year's Board of Visitors Report to you.



*On the next few pages, we would like to share
with you some of the highlights of 2001–2002.*

ACHIEVEMENTS

On September 29, we formally dedicated the **Clarice Smith Performing Arts Center**. Benefactor Clarice Smith spoke eloquently of the value of the arts to our society. This magnificent facility is the result of a wonderful public-private partnership and would not have been possible without the support of the state of Maryland, Prince George's County and numerous major donors. Lauded throughout the year by critics and the press, *The Washington Post* gave it a "Warm Round of Applause" in a four-page feature and later praised the unique arts venue, "Winning Many Thumbs Up." More than 200,000 people attended the 1,000 events that took place in the center during its inaugural year, with a similar number anticipated for this year. The Clarice Smith Performing Arts Center has truly become the crown jewel of the arts.

US-China Science Research Park

During a visit to the People's Republic of China, President Mote signed a Memorandum of Understanding between the University of Maryland and the Ministry of Science and Technology of China to establish a US-China Science Park at College Park. This will be China's first overseas science park and the cornerstone of China's research outreach in this country. Concurrently, the Zhongguancun technological park in Beijing will develop close links with the park at Maryland.

Baltimore Incentive Awards Program Completes Its First Year

Nine graduates of select Baltimore City public high schools—chosen for their abilities to persevere academically despite difficult life circumstances—began their college careers in September 2001. On September 20, more than 300 friends, supporters and community members gathered in Baltimore to toast this first class of recipients. The dinner featured actor-producer Danny Glover as keynote speaker and Stan Stovall as master of ceremonies. All nine

students have successfully completed their first year, and the second class of scholars joined the first group of nine on campus in August. This brainchild of President Mote is designed to build a pipeline of students from Baltimore public schools to College Park and to give deserving young students the chance to achieve.

Packard Fellowships

In the fall of 2001, two University of Maryland College of Life Sciences faculty members were awarded prestigious Packard Fellowships from the David and Lucile Packard Foundation, which recognizes the country's most promising young science and engineering faculty. This year's Packard Fellows come from 22 universities, including Berkeley, Harvard and MIT. The University of Maryland was one of only two institutions to have more than one recipient this year.

Half a Dozen of *Washingtonian's* Brightest Have Maryland Ties

The university community claims six of the "50 Brightest Washingtonians," selected because they set the standard worldwide in their fields. The list appeared in the December 2001 issue of *Washingtonian* magazine and includes:

- **David C. Driskell**, distinguished university professor emeritus of art, renowned artist and collector, for whom the university's Center for the Study of the African Diaspora is named;
- **Hugh Newell Jacobsen '51**, renowned architect who also is designing the Samuel Riggs IV Alumni Center for his alma mater;
- **Larry Johnson, Ph.D. '68**, a retired scientist at the Department of Agriculture's Beltsville Research Center, who was one of the first to use artificial insemination and sperm sorting to improve milk production and beef cattle;
- **Eugenia Kalnay**, distinguished university professor and chair of meteorology, who developed

the computer model used in the three- and five-day weather forecast;

- **George Pelecanos** '80, crime novelist, whose novel, *Right as Rain*, has been on *The Washington Post* and *Los Angeles Times* best seller lists;

- **William Phillips**, professor of physics and 1997 Nobel Prize winner in physics, for the development of methods to cool and trap atoms with laser light.

ZOOM Campaign

The ZOOM campaign, launched in October of 2001, achieved all of its goals: to make more people aware of all the great things happening at the University of Maryland and how quickly they are happening. The campaign used TV, print, Web and on-campus messages to spread the word to at least 2.4 million people. The results were impressive. Nearly 30,000 people visited the Zoom Web site during the campaign and more than 5,000 alumni gave us their email addresses. We had a significant increase in press coverage including ZOOM mentions in *The Washington Post*, *Baltimore Sun*, *Daily Record*, *Adweek*, WJLA-TV and WUSA-TV.

Open House, Open Arms

The last Saturday in April dawned sunny and beautiful for the fourth annual Maryland Day: Explore our World. With more than 64,000 visitors to campus, we showed off the extraordinary talents of the university. This annual event, designed to highlight the impact of research and discovery in the community, included more than 350 separate activities, ranging from physics experiments to engage youngsters, to musical and dance performances to academic lectures.

Maryland Institute for Minority Achievement and Urban Education Launched

In partnership with the state of Maryland, the College of Education has launched the Maryland Institute for Minority Achievement and Urban Education to improve urban schools and raise minority achievement. A component of the program, the Bladensburg Project, aims to improve student achievement at three public schools in Prince George's County. Giant Food and PepsiCo each pledged \$200,000 toward the initiative, and the high-tech venture firm Human Vision gave \$50,000. Also this spring, the institute held its inaugural conference, "Achievement: A Shared Imperative."

Partnership for Turtles

The expression, Fear the Turtle, soon will mean more than a cheer for the Terps. In a first-of-its-kind program, the University of Maryland will dedicate a portion of the proceeds from the sale of merchandise bearing the slogan towards research and field programs administered by the Maryland Department of Natural Resources (DNR) to protect the real diamondback terrapin and its habitat. The terrapin is the official State Reptile of Maryland and official mascot of the state's flagship university under state legislation passed in 1996.

FACULTY



Enhancing a Superior Faculty: Faculty Additions in 2001-2002

- **G. “Anand” Anandalingam** has joined the Robert H. Smith School of Business as the Ralph J. Tyser Professor of Management Science and co-director of the Center on Electronic Markets and Enterprises. He came from the University of Pennsylvania, where he was the National Center Professor of Resource and Technology Management.

- **Timothy Coffey**, who served as director of research at the U.S. Naval Research Laboratory for 20 years, joined the university as senior research

scientist in October 2001. Coffey, who holds a joint appointment with the National Defense University, is spearheading the Council for Security and Counter-Terrorism Studies.

- **Howard Lasnik**, professor of linguistics in the College of Arts and Humanities, was previously at the University of Connecticut and MIT. He has played a prominent role in linguistic theorizing in the generative transformational framework advanced by Noam Chomsky, focusing mostly on the areas of theoretical syntax, language learnability and the general properties of linguistic theories.

- The A. James Clark School of Engineering’s

Department of Civil and Environmental Engineering has appointed **Hani S. Mahmassani** as the first Charles A. Irish, Sr. Chair in Civil Engineering. Formerly professor in transportation engineering as well as management science and information systems at the University of Texas at Austin, Mahmassani is an expert in the areas of transportation systems analysis, network modeling, traffic behavior, traffic simulation, advanced technologies, and intelligent transportation systems.

- **Dennis O'Connor** was appointed vice president of research and dean of the graduate school on July 1, 2002. As under secretary for science at the Smithsonian, O'Connor oversaw a number of museums and research institutes devoted to scientific research. A highly respected biologist, O'Connor served previously as chancellor of the University of Pittsburgh, vice chancellor of academic affairs and provost at the University of North Carolina, Chapel Hill, and dean of life sciences at UCLA.

- **Katepalli Sreenivasan** joined the College of Computer, Mathematical and Physical Sciences as professor and director of the Institute for Physical Science and Technology (IPST). Sreenivasan has also been appointed Distinguished University Professor, Glenn L. Martin Professor of Engineering and professor of physics and mechanical engineering. He comes from Yale University.

Achieving National and International Recognition: Faculty Accolades

- Entomology professor **Earlene Armstrong** was selected by President George Bush to be one of 10 national recipients of the 2001 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring. The award is given to individuals and institutions that display excellence in promoting participation of women, minorities and persons with disabilities in science, mathematics, and engineering studies and careers.

- **Benjamin Barber**, Kekst Professor of Civil Society, was named by the French government a *Chevalier dans l'Ordre des Palmes Academiques* (Knight in the Order of Academic Laurels).

- **Ira Berlin**, distinguished university professor of history, was selected as the 96th president of the Organization of American Historians. His most recent book, *Many Thousands Gone: The First Two Centuries of African-American Slavery in Mainland North America*, won the Bancroft Prize for best book in American history, the Frederick Douglass Prize for best book on the history of slavery and the Elliot Rudwick Prize for best book on African American history.

- Art professor emeritus **David Driskell's** new book, *The Other Side of Color*, was awarded the NAACP Image Award. It was also featured on the Oprah Winfrey Show. Driskell received the University System of Maryland Board of Regents 2002 Frederick Douglass award for best exemplifying the principles, values and goals to which Douglass dedicated his life. He also received the Governor's Arts Award for Arts and Humanities.

- **Howard Frank**, dean of the Smith School of Business, was elected to the National Academy of Engineering. He was recognized for contributions to the design and analysis of computer communication networks. Also elected to the National Academy of Engineering was **Jacques Gansler**, Roger C. Lipitz Professor of Public Policy and Private Enterprise. He was cited for public and private leadership in the U.S. Department of Defense and major contributions in teaching missile guidance and control systems.

- **Casey Lisse**, senior research scientist with the Deep Impact Discovery Mission in the Department of Astronomy, had an asteroid named after him by the International Astronomical Union. Asteroid 1226 Caseylisse was named in recognition of his work on the X-ray emission of comets.

- President **C. D. Mote, Jr.** was presented with

an honorary doctorate of engineering from The Ohio State University at its summer commencement.

- **Victor Muñoz**, of the Department of Chemistry and Biochemistry, won two major awards in 2002: the Packard Fellowship and the Searle Scholar Award, which is presented to young faculty members who have already demonstrated innovative research with the potential for making significant contributions to biological research over an extended period of time.

- **Roald Sagdeev**, distinguished university professor of physics, received the Maxwell Prize given by the American Physical Society's Division of Plasma Physics. He earned the award "for an unmatched set of contributions to modern plasma theory."

- **Sarah A. Tishkoff**, of the Department of Biology, was a recipient of the highly prestigious Packard Fellowship. She recently spent three months in the African bush collecting DNA from descendants of ancient Africans to learn more about the origins of civilization.

A Roster of African Americans Who Hold Endowed University Chairs

The *Journal of Blacks in Higher Education* surveyed the number of African Americans who hold endowed chairs. Three African Americans hold endowed chairs at Maryland—**Lee Thornton**, Richard Eaton Chair in Broadcast Journalism; **Sylvester James Gates**, John S. Toll Professor of Physics, and **Lemma Senbet**, William E. Mayer Chair in Finance—ranking Maryland tenth in the nation in this area.

NSF Funds IT Initiative

Seven faculty members received grants from the National Science Foundation to "develop innovative uses of information technology in science and engineering." The faculty members are: **Shapour**

Azarm, professor of mechanical engineering; **James Carton**, professor of meteorology; **Samir Khuller**, associate professor of computer science; **Prakash Narayan**, professor of electrical and computer engineering; **Philip Resnik**, professor of linguistics; **James Stone**, associate professor of astronomy; and **Alan Sussman**, assistant research scientist in computer science.

Faculty Expertise Called Upon to Help Understand Terrorist Events

Many faculty experts were quoted in regional, national and international publications and electronic media after September 11.

- **Richard Brecht**, professor of Germanic and Slavic languages and director of the National Foreign Language Center, has received attention for his quest to pay more attention to foreign language education in the wake of the need for better foreign intelligence.

- **James Milke**, **Frederick Mowrer** and **James Quintiere**, faculty members in the Clark School of Engineering's Fire Protection Engineering Department, were all involved in the evaluation of the collapse of the towers.

- President **C. D. Mote, Jr.**, was one of only two university presidents to participate in a workshop on terrorism and universities sponsored by the National Academy of Science.

- **John Steinbruner**, professor of Public Affairs, is involved with several high-level committees working to devise systematic oversight procedures to protect against the deliberate or inadvertent misuse of biotechnology.

STUDENTS



Cooke Foundation Awards Six UM Students with \$50,000 Grants

The Jack Kent Cooke Foundation picked the University of Maryland as the locale to announce the first recipients of its awards, which will provide generous graduate scholarships, up to \$50,000 annually, over a period of six years. Maryland seniors claimed six of the 50 grants awarded: **Dale Barltrop** of Brisbane, Australia, will pursue a master's of music in violin at Cleveland Institute of Music; **Julie Iversen** of Pasadena, Md., will attend law school at American University; **Anoma Nellore** of Bel Air, Md., will pursue a medical degree at the University of Pennsylvania; **Gaurav Shah** of Greenbelt, Md., will pursue a master's in engineering at Maryland; and identical twins **Fasika** and **Tinsay Woreta** of

Ellicott City, Md., will seek medical degrees at Johns Hopkins University.

Public Affairs Students Achieve Acclaim

• **Zhong Yi Tong**, an advanced Ph.D. student specializing in housing policy with the School of Public Affairs, was one of the 21 winners in the nationwide Doctoral Dissertation Research Grant Competition sponsored by the Department of Housing and Urban Development. His dissertation topic is "The Effect and Impact of the Homebuyer Tax Credit in Washington, DC, and Baltimore." He received a stipend of \$30,000 with the award.

• Four School of Public Affairs students, **Melissa Gallagher-Rogers**, **Kristen Hayes**, **Sonia Peters** and **Lesley Werthamer**, were named 2002

Presidential Management Interns. Acceptance into the PMI program this year was exceptionally difficult, with more than 2,300 applications received during the fall and only 600 accepted.

Music doctoral student **Robert Henry** tied for first at the Washington International Competition for Pianists, while second place went to fellow Maryland student **Ralitza Patcheva**. Henry also won the New Orleans International Piano Competition, receiving a \$12,000 first prize and an engagement with the Louisiana Philharmonic Orchestra, and the Atlanta International Piano Competition.

Chi Chae, a 2002 bachelor's degree recipient in the department of cell biology and molecular genetics honors graduate, presented the results of her research on the plant root rubricine at the American Society for Microbiology's annual meeting in Salt Lake City in May. Her research on this Chinese herb, which was funded in part by the Howard Hughes Medical Institute, may prove it to be a tough-to-beat antibiotic.

Kristy Reynolds, a third-year doctoral student in analytical chemistry, was one of only 17 students in the nation selected for the J. Edgar Hoover Scientific Scholarship. She was awarded \$25,000 to further her research in the use of mass spectrometry to rapidly compare complex protein samples. Her technique could offer an alternative in forensic screening of biological samples.

Biology doctoral student **Daphne Soares** made her discovery of a previously unknown major sensory ability in alligators while sitting on the back of an alligator. Her questions about the alligator's beard of pinprick-sized holes led to the discovery of Dome Pressure Receptors, tiny mounds that give crocodilians the ability to detect the movement of prey in water.

Junior history major **Peter Van Do** was selected as one of the top 10 Asian Pacific American student leaders in the U.S. by *aMagazine*.

Rotorcraft Students Win Again

A team of students from the Alfred Gessow Rotorcraft Center in the Department of Aerospace Engineering won the 2001 American Helicopter Society's International Student Design Competition for its outstanding helicopter design titled RAVEN: Search and Rescue Rotorcraft. This marks the fourth time in a row that Maryland students won the first prize in this competition.

Athletes Achieve in Class as well as on the Field

- Representing every sport, 232 student-athletes made the fall semester University Honor Roll, recognizing their grade point averages of 3.0 and higher. This fall's two ACC championship teams had significant numbers of honorees, 18 for the football team (including quarterback **Shaun Hill**) and 12 for the field hockey team. Nearly 40 percent of the university's student-athletes made the Honor Roll.

- The ACC Honor Roll included 200 Maryland student athletes, who all maintained at least a 3.0 grade point average for the entire academic year. This is the second year in a row in which Maryland has had 200 students on the ACC Honor Roll.

- Maryland gymnast **Carlla "Kit" Johnson** is the 2002 Arthur Ashe Jr. Female Sports Scholar of the year, and she appeared on the cover of the *Black Issues in Higher Education* magazine. She holds the university record on the beam (9.95) and graduated with a 3.9 G.P.A.

- Senior All-American gymnast **Gillian Cote**, who graduated with a 4.0, is one of 58 winter athletes to receive the NCAA post-graduate scholarship for \$5,000. Cote and Johnson led their team to the President's Cup, awarded annually to the women's team with the highest cumulative G.P.A. over the previous two semesters.



Developing Entrepreneurs at the University of Maryland

- The *Potomac Tech Journal* featured the first 27 students to graduate from the Entrepreneurship Citation program offered by the Smith School of Business. Profiled was undergraduate **Ryan Ockuly**, who is also enrolled in the Hinman CEOs Program. Ryan is refining a business concept, Blue Wave Semiconductor, which is already bringing in \$100,000 a year in revenue.

- A team of entrepreneurs, including first-year Smith School M.B.A. student **Jeffrey Porter**, won the Grand Prize in the 2002 Carrot Capital Business Plan Challenge. Porter and his four teammates took home \$50,000 in prize money, plus a \$500,000 funding offer in the national business plan contest, in which 1,500 students from more than 100 colleges and universities competed.

Honors for the Basketball Team

- On April 17, 2002, the Maryland Congressional delegation, led by Senators **Paul Sarbanes** and **Barbara Mikulski** and Congressman

Steny Hoyer, presented Congressional resolutions congratulating the NCAA Champion men's basketball team at the U.S. Capitol building. Included among the honorees were team members, coach **Gary Williams**, athletic director **Debbie Yow** and President **C. D. Mote, Jr.**

- On May 21, President Mote, Athletic Director Debbie Yow, Coach Williams, and the team visited with **George W. Bush** at the White House. In addressing the Terps, President Bush said: "Much to the delight of thousands of people around here, and many who work upstairs in the White House, the mighty Terps of Maryland are the NCAA Champions. I want to congratulate Dan Mote, the president, and Gary Williams, the coach. You guys need to know that there's a lot of people that were stepping a little lighter in my family, as well as who work in this compound when you won. It was a great feat in an unbelievably tough field. And so, congratulations to you all."

RESEARCH

The Mid-Atlantic Crossroads (MAX) consortium and the Naval Research Laboratory announced the launch of the next-generation **Advanced Technology Demonstration Network (ATDnet)**, an unclassified Department of Defense research network. Partnering with Qwest Communications, Verizon and Fibergate, this next generation ATDnet is a regional fiber test bed that will support research in emerging and experimental telecommunications technologies and applications. ATDnet is a partnership of multiple federal institutions that include the Naval Research Laboratory, the Defense Intelligence Agency's NASA Goddard Space Flight Center, the Laboratory for Telecommunications Sciences, the Defense Advanced Research Programs Agency and the Defense Information Systems Agency.

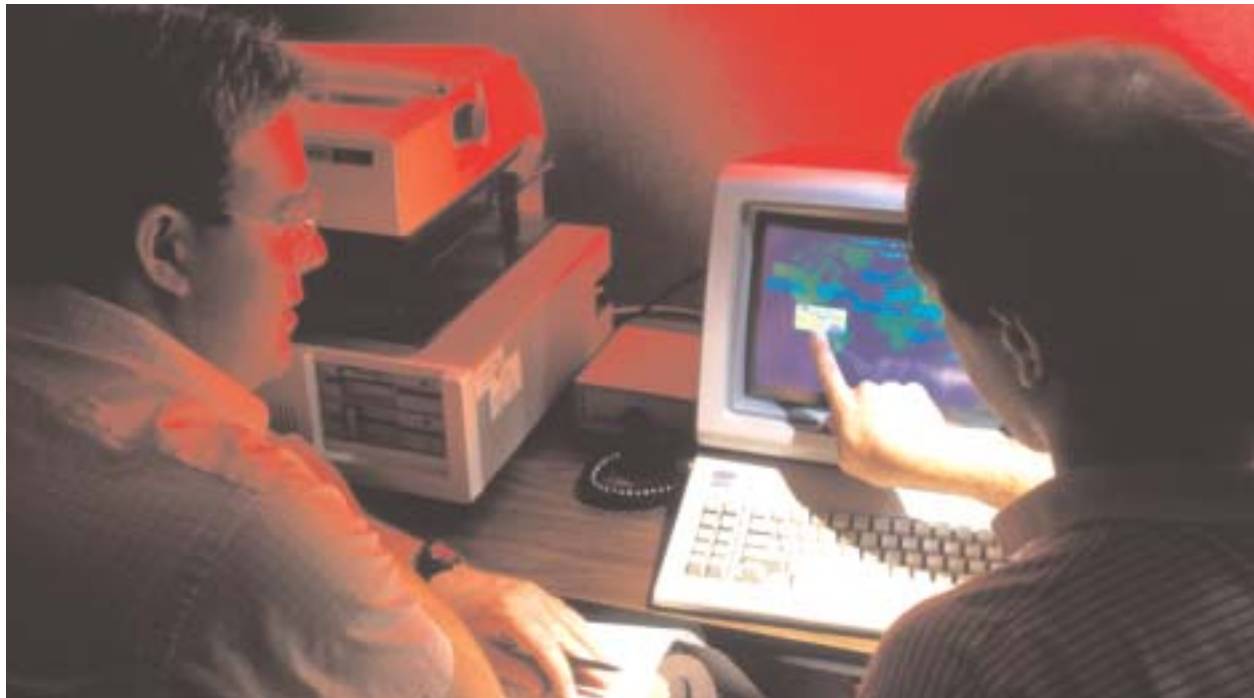
The Department of Energy (DOE) has selected University of Maryland researchers to lead three research programs and to participate in three others, under the department's new **Scientific Discovery through Advanced Computing (SciDAC)** program. The SciDAC program is designed to take advantage of the amazing computing capabilities of today's terascale computers that will help find new energy sources for the future, understand the effect of energy production on our environment and learn more about the fundamental nature of energy and matter. Thirteen DOE labs and more than 50 colleges, universities and companies will collaborate on research in areas such as climate modeling, fusion energy sciences, chemical sciences, nuclear astrophysics, high energy physics and high performance computing. Fifty-one projects will receive \$57 million from DOE this fiscal year.

Fourteen University of Maryland researchers are involved in the Army Research Lab's **Collaborative Technology Alliances Programs**, which are led by companies such as Honeywell International and

General Dynamics Robotics Systems. Maryland is the only university participating in all five "alliances," whose topics are: Communications and Networks, Advance Sensors, Power and Energy, Advance Decision Architectures, and Robotics Systems. The projects range in value from \$49 million to \$76 million.

University of Maryland researchers will help to develop an innovative "audio search engine" that will allow historians and educators to easily search through more than 51,000 videotaped testimonies of Holocaust survivors and eyewitnesses. The Maryland researchers are part of a multi-institution team that just received \$7.5 million from the **National Science Foundation** for the Multilingual Access to Large Spoken Archives (MALACH) project, drawing on researchers from the Institute for Advanced Computer Studies, the College of Information Studies and the Department of Linguistics. The research for this project is centered on the Shoah Foundation's collection of more than 116,000 hours of digitized video interviews with more than 51,000 survivors, liberators, rescuers, and witnesses of the Nazi Holocaust in more than 30 languages. The researchers plan to create technologies that can provide entirely new capabilities, such as the ability to search the collection using automatic speech recognition.

With a gift of \$1.2 million in high performance computing equipment from **IBM**, primarily a parallel processing supercomputer, the university announced the launch of a Center for Scientific Computation and Mathematical Modeling. Part of the College of Computer, Mathematical and Physical Sciences, this gift spurred a new high performance computing partnership with the Deep Computing Institute of IBM and an applied mathematics and scientific computation graduate program at Maryland. Through the center, Maryland and IBM



will collaborate on algorithm development for parallel architectures and science applications. This joint project will focus on performance optimization and testing of state-of-the-art science application codes for advanced parallel architectures; Earth science data assimilation; and protein structure and function.

Researchers at the university are looking for the intangibles that contribute to making the best teachers. Funded by a grant of more than \$4.5 million from the **U.S. Department of Education**, the College of Education and the Montgomery County Public Schools will focus on 4th and 5th grade teachers, in moderate to high-poverty schools across the county, who successfully teach reading and mathematics.

The University of Maryland and Japan's **Kanazawa Institute of Technology (KIT)** opened a new multi-million dollar, cutting edge laboratory to study the brain. The centerpiece of the KIT-UMD MEG Laboratory is one of the nation's few MEG (magnetoencephalography) brain scanners. Maryland's MEG system will allow university researchers to get unprecedented images of the brain

in action by using non-invasive measurements of the magnetic fields associated with brain activity. Data from Maryland's lab will be used by university linguistics and neuroscience researchers to study how the brain processes speech and language. The data also will shed light on what goes wrong when neurological disorders such as dyslexia, strokes or Alzheimer's Disease impair speech, reading ability or other cognitive functions.

The **National Institute of Standards and Technology** awarded \$5 million in grants for computer and telecommunications security efforts to only 10 of 133 applicants. Maryland was one of three universities to receive direct grants, and its \$861,000 is the largest award presented solely to a university.

The University of Maryland College of Education is headquarters for the Mid-Atlantic Center for Mathematics Teaching and Learning, one of five new centers receiving \$10 million each in funds over the next five years from the **National Science Foundation**. The NSF wishes to "encourage and improve teaching and research in science, technology and mathematics."

VISITORS TO THE UNIVERSITY

In his first major speech since the September 11 terrorist attacks, **Nelson Mandela** addressed more than 10,000 at the Cole Student Activities Building for the annual Anwar Sadat Lecture for Peace. The 83-year-old Nobel Prize winner called for a global and united effort to wipe out “this scourge of terrorism.” The university proudly awarded President Mandela the Honorary Doctorate of Public Service.

U.S. Senator **John McCain** held a town hall meeting before 1,000 students at Memorial Chapel and received the first annual Millard E. Tydings Award for Courage and Leadership presented by the university’s Center for American Politics and Leadership. McCain sought to take advantage of the rise in patriotism by appealing to students to enter public service, like AmeriCorps, or the military.

Nearly 130 people came to Ritchie Coliseum on Saturday, May 4, 2002, to support the Friends of the Libraries Gala 2002: “Celebrating Academic & Athletic Excellence.” Keynote speaker **John Feinstein**, ESPN and National Public Radio commentator and author of the bestsellers *A Good Walk Spoiled*, *A Season on the Brink*, and *Hard Courts*, dazzled the audience with his charisma and wit and delighted guests with a book signing. The evening also included a special presentation on behalf of UM Libraries to Basketball Head Coach Gary Williams to congratulate him and his team on their NCAA Championship.

Bill Marimow, editor of *The Baltimore Sun*, delivered remarks to the May graduating class at Commencement. Cole Field House was packed and the excitement and spirit among the graduates was unbelievable.

The December 2001 Commencement speaker was **David Satcher**, then Surgeon General of the United States. He spoke broadly about the initiatives that he has led during his tenure as the nation’s leading public health official.

A host of current and former athletes gathered in solemn ceremony to celebrate the final basketball game at Cole Field House on Feb. 28, 2002. Two teams were honored at half-time: the 1955-56 team, the first to play in Cole, and the 1957-58 team, the first to advance to an NCAA Tournament. After the game, a legion of Terrapin greats, including fans, coaches and players, participated in a ceremony to “pass the ball” to the university and to Comcast Center, where basketball will be played beginning in the fall of 2002.

Post September 11 Activity

- Twenty Arab Fulbright scholars and 20 American graduate students met on campus on Nov. 1, 2001, in a seminar sponsored by the university and Amideast. ABC’s “Nightline” filmed part of the proceedings, which were also covered by the Middle East Broadcasting Network, Voice of America and local and regional channels.

- The College of Journalism’s *American Journalism Review* hosted a forum called “Covering Islam.” CNN’s **Judy Woodruff**, university political scientist **Shibley Telhami**, *The Washington Post*’s **Caryle Murphy**, *National Public Radio*’s **Loren Jenkins** and *As Safir* newspaper reporter **Hisham Melhem** participated.

FACILITIES

Clarice Smith Center Opens to Acclaim

The dedication week for the opening of the Clarice Smith Performing Arts Center served as another example of the university community responding to heartbreaking disaster. Following a tornado that damaged the Clarice Smith Center and forced several events to be canceled, the majority of festivities continued, ending with a grand weekend of glittering performances and pageantry to open the \$130 million dollar center, one of the crown jewels of the arts on U.S. campuses.

University Breaks Ground on Chemistry Department Expansion

The university officially broke ground for the new Chemistry Teaching Building on Oct. 25, 2001. This \$23 million building will provide state-of-the-art teaching and research laboratories for organic chemistry and biochemistry. More than 1,200 students will have classes in the new building.

Two Facilities Set to Open

- Over the course of the year, the Comcast Center grew from a hole in the ground to a mammoth facility. We look forward to opening the 2002-2003 basketball season at Midnight Madness on Oct. 11, 2002.

- The Van Munching Hall expansion opened its doors to students in the fall of 2002, as planned. With this addition of 103,000 square feet, Smith School undergraduate and graduate academic programs will be housed under one roof for the first time ever. The state-of-the-art building houses a sophisticated, high-speed information technology and communications infrastructure, enabling faculty, students and industry partners to exploit today's knowledge-driven business practices. The new facility will be dedicated during Homecoming on Nov. 9, 2002.

Stamp Student Union

Part of the Stamp Student Union renovations have been completed, with the Grand Ballroom and the revamped Adele's restaurant opening to acclaim. When the renovation is complete, it will include a two-story bookstore, additional office space for student organizations, new conference and meeting facilities, a restaurant overlooking campus, a game center featuring bowling, billiards and video games, and a redefined atrium food court.

Samuel Riggs IV Alumni Center

Over the course of the year, designs have been developed for the Samuel Riggs IV Alumni Center. Located near the President's Residence, Byrd Stadium and Clarice Smith Performing Arts Center, the new home for the University of Maryland Alumni Association will include gracious rooms for entertaining as well as a multimedia library, meeting and conference rooms, and a garden filled with flowers and trees that are native to the state. Alumnus Hugh Newell Jacobsen serves as the architect for this new facility.

RANKINGS



The University of Maryland has zoomed to the ranks of the nation's elite research universities: Guidance counselors selected their annual list of "hot and trendy colleges," in a national poll by Kaplan's educational services, which publishes *The Unofficial, Unbiased, Insider's Guide to the 320 Most Interesting Colleges*. The Top 10 hottest schools: Harvard, UNC-Chapel Hill, Duke, NYU, UCLA, Georgetown, Colorado-Boulder, Brown, Maryland and Princeton.

***U.S. News & World Report* Rankings Further Boost Stature**

In 1991, *U.S. News* listed Maryland once in its Top

25 rankings. This year, the university moved to No. 18 among public universities, up from the 21st spot. With the release of the latest graduate rankings, Maryland's Top 25 rankings total has reached 70. Engineering rose to the 24th from the 26th last year.

- Four programs are ranked first in the nation: Counseling and Personnel Services, Nonlinear dynamics/chaos, Public Relations and Psychology/counseling psychology

Kiplinger's Personal Finance Magazine cites the university among its Top 10 picks for institutions with student/faculty ratios of 13 or less.

In a survey conducted by Marquette University, the public relations major in the College of Arts and Humanities ranked first in the nation. Maryland received 25 votes, Syracuse University 23, University of Florida 18 and University of Georgia 16.

Journal of Blacks in Higher Education Focuses on the 50 Flagship State Universities

The University of Maryland ranks fourth in the highest percentage of black students (13.8%) and second in most black faculty members (194) among the 50 state flagship universities. Among Southern flagship universities, Maryland is fourth in highest percentage of black enrollment, third in highest percentage of black faculty.

Black Issues in Higher Education Reflects Strong Minority Presence

In the annual *Black Issues In Higher Education* graduate school rankings, Maryland ranks in the top 10 five times and earns 37 rankings in all. Earning especially high marks are the number of African Americans in the English Language/Literature/Letters specialty (fifth); Hispanic doctorate degrees in the physical sciences (second); minority doctorates in business management (seventh); and African American doctorates in all disciplines at traditionally white institutions (ninth).

Granting Ph.D.s to a Diverse Population

Over a five-year period, Maryland ranked among the top 20 U.S. universities in producing minority doctorates. According to *Black Issues in Higher Education* the university was ranked 16th for Asian/Pacific Islander Ph.D.s, fifth for African American Ph.D.s, and 14th for American Indian/Alaskan Native Ph.D.s.

According to data published by the Association of American Medical Colleges, the University of Maryland ranked first among public colleges and

universities (and sixth overall) in preparing African American students for medical school. Other non-historically black institutions included in the rankings are Harvard University, 37 admitted students; Johns Hopkins University, 20; UCLA, 17, University of North Carolina, 16 and University of Virginia, 16.

U.S. News Places Maryland in College Athletics' Inner Circle

The first *U.S. News & World Report* College Sports Honor Roll recognized Maryland's athletics department as being one of the 20 best in the nation. Schools were evaluated on compliance with NCAA rules, gender equity, win/loss records, number of athletic programs and graduation rates. The only other Atlantic Coast Conference school to make the list was Duke. *U.S. News* also ranked the schools best complying with gender equity standards. Maryland was ranked 15th in a list of top 20 schools. The only other ACC school to make that list was Georgia Tech.

ALUMNI



The Third Annual Alumni Association Awards Gala, held on April 6, 2002, celebrated the achievements of 15 individuals. At the event, the alumni association presented six awards to exemplary alumni who have made significant contributions to the alumni association, the university, their own discipline and the world. In addition, nine schools and colleges presented distinguished alumnus awards to their graduates. The honorees included:

- **Gordon England** '61, President's Distinguished Alumnus Award for achieving national recognition in one's profession and field. England is Secretary of the U.S. Navy, where he oversees active and reserve sailors, Marines and civilians.

- **Aaron McGruder** '98, Outstanding Young Alumnus Award for distinguishing oneself both

personally and professionally. While completing his studies at the University of Maryland, McGruder created the "Boondocks" comic strip, which made its print debut in 1997 in *The Diamondback* and became nationally syndicated in 1999.

- **Sarah Cohen**, a May 1992 master's graduate of the Philip Merrill College of Journalism and a frequent adjunct professor at her alma mater, won the Pulitzer Prize for investigative reporting in 2002. Cohen and her *Washington Post* colleagues Sari Horwitz and Scott Higham won the Pulitzer for their series exploring the deaths of children in the District of Columbia. Cohen is the fourth College of Journalism graduate to win journalism's highest honor, following two-time winner **Jon Franklin** '70, now a faculty member; **Orlando**

Sentinel editorial page editor **Jane Healy** '71; and *Newsday's* **Patrick Sloyan** '62.

Ralph Friedgen '70 received 11 national coach of the year honors for his fantastic turn-around and success with the Terrapin football team last fall. Achieving a 10-2 record, an ACC Championship, and appearing in a bowl—and a BCS Bowl no less—for the first time in more than a decade, Friedgen and his outstanding achievements were recognized by the Football Writers Association of America, the Associated Press, ESPN, CNN/Sports Illustrated, among others.

Alma '53 and **Joseph Gildenhorn** '51 were honored by the Cultural Alliance of Greater Washington with their Founders Award for Patrons of the Arts. Ambassador Gildenhorn was recently appointed to the board of trustees of the Woodrow Wilson International Center for Scholars and serves as its chair. Both Gildenhorns are members of the University of Maryland College Park Board of Trustees.

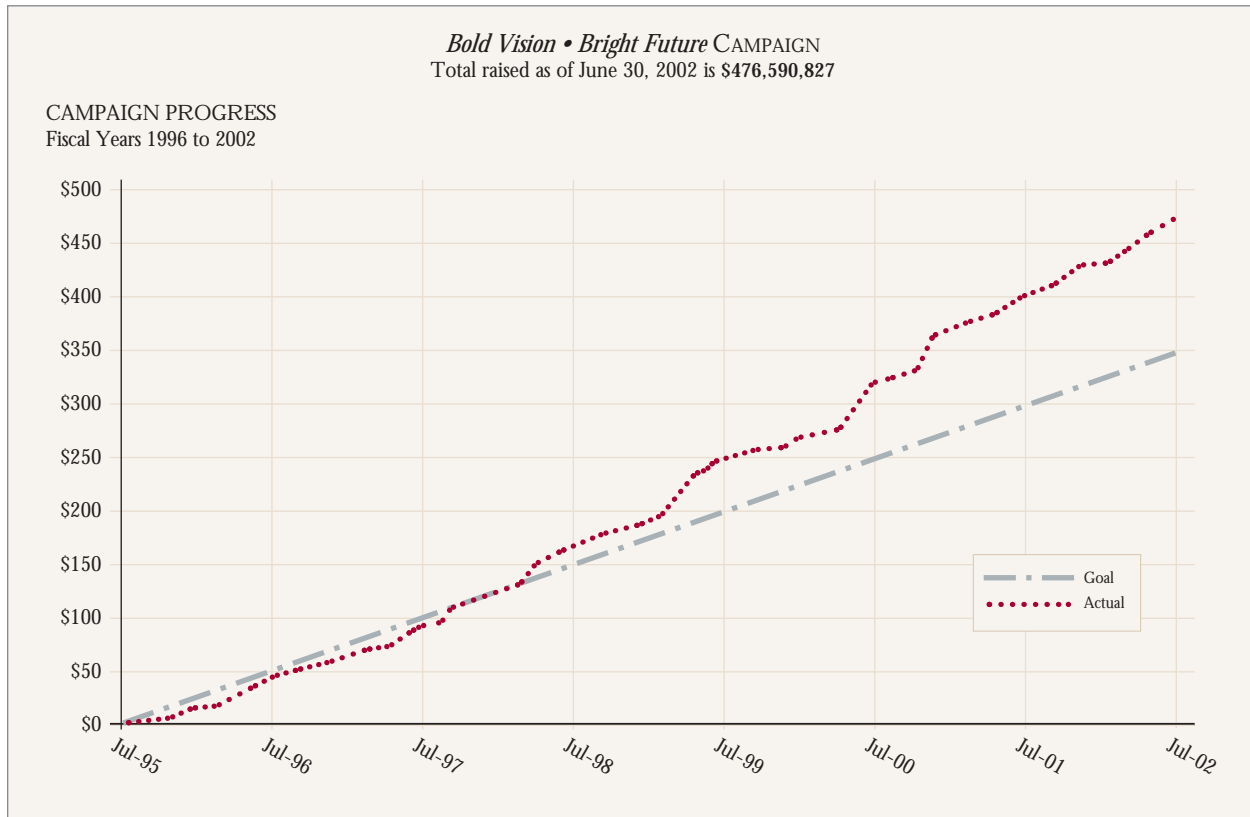
Alumnus **Robert Jordan** '71 was appointed by President George W. Bush as U.S. Ambassador to Saudi Arabia. Jordan holds a master's degree in international relations from the university, and he served as corporate lawyer in the Dallas office of Houston-based Baker Botts.

Jody Olsen Ph.D. '79, was tapped by President Bush to become deputy director of the Peace Corps. Olsen formerly served the Peace Corps in a variety of capacities, including chief of staff, regional director for Asia and the Pacific, Country Director in Togo, and volunteer in Tunisia. She is founder and former director of the Center on Aging at the University of Maryland, and past president of the Alumni Association Board of Governors.

Mark Tosso, a 2001 graduate with degrees in history and communication, is one of 12 winners from around the country of a George Mitchell Scholarship, named for the former U.S. senator who fashioned peace agreements in world hot spots. Mark, who was also chair of President Mote's Student Advisory Council, will study in Northern Ireland.

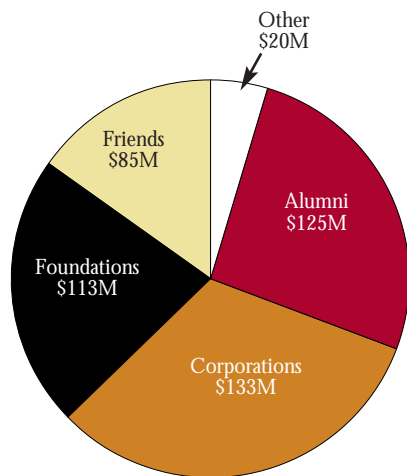
Gary Williams, for the first time in his career, was named ACC Coach of the Year. He is only the second Maryland coach to receive that honor. Williams won the award after taking Maryland to the NCAA Championship for the first time in history, and finishing the regular season with a 25-3 record and a 15-1 record in the ACC, both of which are school records.

FUND RAISING CAMPAIGN

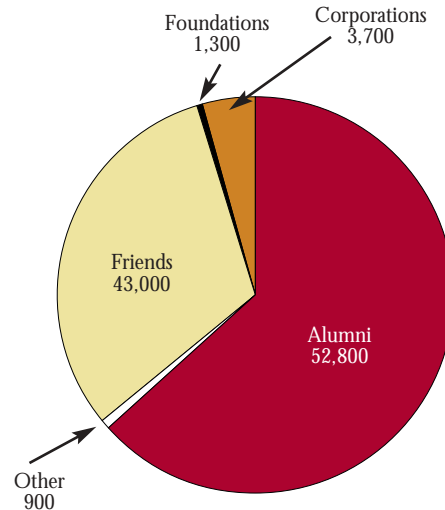


More than 100,000 alumni, friends, corporations and organizations contributed \$476 million to the seven-year *Bold Vision • Bright Future* campaign, which soared to a glorious conclusion on June 30, 2002. The goals of \$350 million in commitments and \$100 million in new money added to endowment were easily achieved, as we raised \$126 million over the goal and added \$137 million directly to the endowment. More than 100,000 donors made over 200,000 gifts to bring us to that total. Some of the achievements of the campaign include a 400 percent increase in the number of named chairs and professorships; raising more than \$50 million for scholarships, fellowships and student financial assistance; and providing private funding for important campus facilities and their endowments including the performing arts center, the new athletics arena, academic buildings for business, engineering, life sciences, computer science, journalism and more. Special thanks to **A. James Clark '50, Paul Mullan '68, '70, and Brenda Rever '65** who spearheaded the seven-year campaign to its success.

DOLLARS BY SOURCE
Fiscal Years 1996 to 2002



NUMBER OF DONORS BY SOURCE
Fiscal Years 1996 to 2002



We blasted through our annual goal of 20,000 alumni donors for the year. We ended the year with 24,009 alumni contributors—more than 44 percent more donors than the record 16,625 of last year. Broad-based alumni support is not only a consideration in rankings such as those conducted by *U.S. News & World Report*, but is critically important to the university's future. The increased alumni support is one important indicator that pride in the University of Maryland is on the rise.

Gifts of Note 2001-2002

- The university announced a magnificent gift from **Elsie Dekelbourn** in support of the Clarice Smith Performing Arts Center. In recognition of her generosity, the 1,100-seat concert hall will now be known as the Elsie and Marvin Dekelbourn Concert Hall. This gift not only supports the performing arts but commemorates the strong friendship shared by the Dekelbourns and Clarice and Robert H. Smith.

- The **Knight Foundation** has committed \$3 million to establish the John S. and James L.

Knight Journalism Center at the Philip Merrill College of Journalism. The Knight Journalism Center will house some of America's most important journalism programs and publications.

- In recognition of a very generous gift from the **Smith Family**, the Performing Arts Library will be named for Michelle Smith, daughter of Bob and Clarice Smith. The endowed fund it established will provide perpetual support for the Performing Arts Library.

- In a continuation of a five-year partnership, the Department of Electrical and Computer Engineering installed a software license valued at \$2 million-plus from **Cadence Design Systems** of San Jose, Calif. in June. The complete bundle of software is used by students enrolled in more than 20 different courses in the department.

- **Trigen-Cinergy Solutions of College Park, LLC** has established a \$2 million education fund to support energy conversion education and research at the Clark School of Engineering. The fund will support two graduate fellowships in energy conversion through the Center for Environmental

Energy Engineering (CEEE) and up to eight undergraduate scholarships.

- The **Freeman Foundation** pledged \$1,941,097 to establish the Freeman Foundation Undergraduate Curriculum Project in East Asia Studies. This program seeks to enhance the undergraduate experience through study abroad, enriched teaching materials, and other educational opportunities; to build faculty strengths; and to promote curriculum transformation for East Asian Studies.

- **Schlumberger Technology, Inc.** gave close to \$1.7 million worth of software to benefit the Department of Geology for the interpretation and analysis of 3D seismic data.

- The **W. K. Kellogg Foundation** made a new pledge of \$1,640,400 for the Kellogg Fellows Leadership Alliance in the Academy of Leadership, a vital component of the College of Behavioral and Social Sciences.

- The university received a bequest of nearly \$1.5 million from the late **Gus Zorn** and **Bice Sechi-Zorn**, former faculty members in the Department of Physics, to support professorships in experimental physics in the College of Computer, Mathematical and Physical Sciences.

- The **Foundation for Child Development** pledged \$1,280,915 to fund fellowships in child and family policy in the Philip Merrill College of Journalism. This new program aims to deepen working journalists' understanding of how social policy affects the lives of children and families.

- Alumnus **Robert E. Fischell '53** made a pledge of \$1.25 million to the A. James Clark School of Engineering to establish a unique fellowship that will allow doctoral students to pursue innovative ideas in bioengineering at Maryland.

- **Rational Software** donated software, valued at \$1,155,500, to the A. James Clark School of Engineering. Engineering faculty and students can

use the full range of Rational's development tools for modeling, designing, and implementing software.

- With a planned gift valued at nearly \$1 million, **Genevieve Crook** established the Maiden's Fancy Endowment within the School of Architecture. The 20-year trust and the eventual sale of the Maiden's Fancy historic house and property will fund the endowment to support students in the school's historic preservation program.

- The Irving and Margery Morgan Lowens Special Collections Room in the Michelle Smith Performing Arts Library was so designated in recognition of a \$650,000 planned gift from **Margery Lowens**. The endowment it establishes will generate annual income for the care, increase, and promotion of that collection and will focus in particular on the support of American music scholarship.

- **Millard Alexander**, a professor in the College of Life Sciences, established the Millard Alexander Professorship in Chemistry with a gift of \$500,000.

- With a pledge of \$300,000, **Saul Stern** established the Saul I. Stern Professor of Civic Engagement in the School of Public Affairs. The Stern Professor will be a nationally recognized individual who will address a range of issues of local, national and/or international importance.

- A fund was established in December in memory of **Linda C. Lee**, a 1990 graduate of the University of Maryland, who died while attending a conference at the World Trade Center on Sept. 11, 2001. Linda's employer, **Jennison Associates LLC**, contributed \$100,000 and **John Hobbs**, president of Jennison Associates, personally donated \$100,000 to the fund. Linda's co-workers and friends have provided an additional \$50,000.

PLANNING FOR THE FUTURE



University Master Plan

In 2000, Dr. Mote appointed a steering committee to develop a new master plan for the University of Maryland campus. Although state law requires universities to submit a revised plan every five years, this committee decided to go a step beyond. Under the leadership of the provost and the vice president for administrative affairs, the 28-member group began by adopting a set of principles to provide not just guidelines for the future development, but a vision of a campus that truly reflects the values of the university.

In recognition of the university's special responsibility as the leading public research institution in a region noted for Smart Growth, the committee imagined a campus of coherent design based on four broad principles or goals:

- Create a campus that continues the

architectural heritage of the past, embraces the wider community, and reflects the mission and values of a world-class public research university;

- Create a campus that respects the natural environment, practices environmental stewardship and sustainability, and emphasizes harmony between natural and man-made landscapes;

- Create a campus dominated by open spaces and carefully sited buildings that invite pedestrian movement among the districts and help foster a sense of community;

- Create a campus in which easy movement is facilitated in ways that minimize vehicular traffic and congestion.

The Maryland Board of Regents and the Maryland Higher Education Commission have reviewed and approved the University Master Plan. Their acceptance will enable the university to

mobilize the transformation envisioned by the consultants and the committee.

In fact, parts of the plan are already having an impact on campus development. Facilities Management has taken aspects of the plan into account in the siting of planned buildings and parking facilities to ensure environmental enhancement and protection of campus open space. Full implementation will take years, but some of the most dramatic aspects could begin to take shape very quickly, including the establishment of a shuttle loop and restricting vehicular access to some streets, opening the way for improved pedestrian movement.

University of Maryland Research and Technology Park

University-industry-government research parks have become major forces in the economic growth of high technology industries and the nation. The University of Maryland is proposing to sponsor a technology research park adjacent to its campus to attract international talent and investment capital to expand existing scientific research opportunities in College Park; to create the physical environment to stimulate growth of additional private sector firms based on university-owned technology; and to increase the overall quality of life and economic opportunities in and around the campus. A major feasibility study has been completed by a national real estate consulting firm and intense planning for the park is under way.

Dedicated to the advancement of technology, computer science, mathematics, engineering, physical and life sciences and biotechnology, the research and technology park will provide space for state-of-the-art research as well as laboratory and incubator facilities on 130 acres adjacent to the University of Maryland. Tenants will enjoy unparalleled access to value-added research and core services allowing them the convenience of utilizing

specialized university facilities and resources. They will have the unique opportunity to collaborate with internationally and nationally recognized researchers and more than 3,000 faculty and 3,600 graduate assistants, as well as access to a highly skilled student pool of 8,500 graduate and 25,000 undergraduate students.

In addition, tenants of the park will have access to state-of-the-art laboratory and testing facilities such as the Neutral Buoyancy Facility, Autonomous Mobile Robotic Laboratory, Glenn L. Martin Wind Tunnel, Center for Satellite and Hybrid Communications Network, among others.

Easy access to I-95 and I-495, as well as to the College Park Metro Station, local air and rail transportation, provides the tenants quick access to Baltimore and DC, and the Northern Virginia Technology Corridor.

China Partnership Will Anchor Research Park

Last April, President Mote met with the Ministry of Science and Technology's Minister Xu Guanhua and discussed their mutual interest in a science park. On Nov. 8, 2001, Minister Xu Guanhua hosted a breakfast in Beijing for the president and other University of Maryland representatives. One year later they are moving rapidly toward planning the park with an official organization and implementation plan.

On April 2, 2002, the University of Maryland and the People's Republic of China's Ministry of Science and Technology officially announced their initiation of preparations to establish the U.S.-China Science and Technology Park in Maryland. This is the first collaborative research park venture between the two countries, and is also China's first overseas science and technology innovation park.

Utilizing the University of Maryland incubator program and the university's science park planning body, the Chinese Science and Technology Minister will assist in locating 10 companies in China that

have the scale, developmental strengths and research organizational structure to establish independent or collaborative research centers at Maryland. President Mote's vision for the U.S.-China Science and Technology Partnership is poised to have profound benefits for the university, as well as to strengthen the friendship between the United States and China.

Maryland to Coordinate Wiring of Kazakhstan Schools

The university is the academic coordinator of an agreement between Global Telecommunications, a branch of Lockheed Martin, and Kazakhtelecom to wire all Kazakh educational establishments with Internet and e-mail facilities. There are 160 higher educational institutions and 8,600 secondary schools in the former Soviet Republic.

Rwandan Professors Rebuild Nation's Higher Education

The university is in the first year of a formal partnership with the National University of Rwanda to provide expertise to rebuild an educational infrastructure devastated by civil war. **Kelvin Wong**, faculty research assistant in government and politics, directs the project. Many Rwandans were lost in 1994 during the genocide that occurred there, and many of the teaching faculty at the university were killed or became refugees.

IBM Teams with Smith School Research Center on e-Business

A partnership between the Smith School of Business's Center for e-Service and IBM will research electronic government. The three-year agreement takes advantage of what the center's director, **Roland Rust**, calls "faculty and students working with IBM to establish the business case for e-government." The Center for e-Service will undertake a number of research initiatives focusing on such areas as defining the economic impact of e-services in government; enhancing awareness of the benefits of e-government; and developing strategies to deliver the promise of e-government to citizens and businesses.

Smith School of Business Collaborates to Offer Financial Services Core

The Smith School of Business and The American College in Bryn Mawr, Pa., have formed an alliance to boost courses for students interested in the financial services industry. The two schools will collaborate on the design and potential delivery of customized non-degree executive management programs including a joint Executive M.B.A. degree designed specifically for financial services industry professionals. The Smith School of Business and The American College will also work together to explore the development of an undergraduate concentration in financial services at the Smith School. Such a program would prepare undergraduate students to earn the widely recognized Certified Financial Planner™ or CFP™ certification.

Maryland Creating a Russian Revolution in Urban Planning

A unique university exchange program to train Russian urban planners in American development techniques may help revitalize Russian cities. Based in St. Petersburg, the joint Maryland/Russia program has shown how U.S. building projects are planned, financed and approved. "These young and mid-level professionals are the important people to reach," said Marie Howland, director of the program and chair of urban studies and planning.

Federal Relations

Since his arrival, President **C. D. Mote, Jr.** has often stated the importance of the university having a presence on Capitol Hill. This past year, the Office of Federal Relations, led by **Rae Grad**, began its work with the goal of strengthening the connections between the excellent programs on campus and the U. S. Congress and federal agencies. We believe this office will offer opportunities for important linkages for the university, and provide a greater presence among the congressional delegation.

For example, in the spring, President Mote testified before the Research Subcommittee of the House Science Committee and the House Appropriations A/HUD Subcommittee to emphasize the importance of funding for scientific research. Through his and other's efforts in the higher education community, the budget for the National Science Foundation has been raised significantly, which will provide the faculty on our campus many new opportunities to compete for research grants.

Our men's basketball team visited Capitol Hill and was presented with proclamations from our congressional delegation congratulating them on their performance in the NCAA Tournament. In addition, the team was invited to visit the White House where they were greeted by President Bush.

We believe that the support of Rae Grad on Capitol Hill will be the catalyst for other opportunities, similar to these visits, in the future.

The Office of Federal Relations will be working closely with the Office of State Relations to provide an ongoing government relations update to state and federal officials. Through a systematic process, working with President Mote and his leadership team, the university now has the opportunity to develop a cohesive federal plan that will assist the university in identifying ways to further increase our research potential. We look forward to seeing the results of these efforts in the coming year.

RECOMMENDATIONS



The university has several projects scheduled for funding in FY '04. Among these projects, it is particularly essential to maintain the funding schedule for two specific projects: the Biosciences Research Facility and the renovation of Tawes. **The Board of Visitors strongly recommends the funds for these projects remain in the FY '04 Capital Budget and the current schedule for funding for these programs is maintained throughout their completion.**

While we praise the momentum that continues to build at the University of Maryland, we recognize the need to continue to advocate for increased capital funding for the university.

I. The Bioscience Research Facility remains essential to positioning the university and state as leaders in biosciences. The board recommends funding for the Bioscience Research Facility remain on the current funding schedule until the building is completed in FY '06.

The second installment of planning funds, \$3.48 million, for the facility is scheduled for FY '04, with construction funding slated for FY '05. To keep this project on track it is critical that we receive the second installment of planning funds in FY '04. Thanks to the governor and General Assembly's generous support, the Biosciences Research Facility received its first installment of planning funds in FY '03. It is imperative that the funding for this project remain on schedule if the University of Maryland and thus the state are to be positioned as leaders in biosciences.

The university has made a commitment to strengthening the biosciences and our efforts were rewarded when two young faculty members in the College of Life Sciences were named as recipients of the Packard Fellowships. Only 24 of these awards are given and it is remarkable to have garnered two of these awards. If we are to continue to attract dynamic faculty to the life sciences, we must provide a physical environment conducive to the collaboration and cooperation that drive discovery. Without these new research facilities we cannot attract the very best research scientists, research funds, and the most promising graduate students.

To achieve the level of excellence to which we aspire and to make significant contributions in this scientific arena, the Bioscience Research Facility must be built. The areas targeted for enhancement in the biological sciences were chosen for their existing strengths, the likelihood of their developing national prominence, their importance to biotechnology and their relevance to the federal biosciences priorities. In building interdisciplinary programs of excellence, the university will capitalize

on the prominence of programs in engineering, psychology, mathematics, physics and computer sciences.

If we are to continue to attract graduate and undergraduate students, the university will need to attract faculty who in turn attract research that is highly relevant to the biotechnology of the state. In turn the state will be able to retain biotechnology companies that might otherwise move elsewhere and enable these companies to succeed and grow. In addition, our faculty will be able to work effectively with faculty from other colleges and universities in emerging interdisciplinary areas such as nanotechnology, computational biology, and bioinformatics and cognitive and neuroscience. This will provide a bridge to productive interactions and collaborations in the life sciences at the other programs within the University System of Maryland including UMBI, UMBC, UMB, thus positioning the state as a leader in the biosciences.

II. The Tawes Renovation

The first installments of planning money for the Tawes Renovation Project are scheduled for FY '04 and FY '05. Construction money for the project is currently scheduled for FY '06. Built in 1960, Tawes needs major renovation work. Further delay of funding will also delay the critical renewal of some of our south campus buildings. The board strongly encourages the governor and General Assembly to maintain the current schedule of planning and construction money for the Tawes Renovation Project. We believe these funds are essential toward maintaining the momentum of the Department of English at the University of Maryland.

Renovation of the Tawes Building is vital if we are to maintain and enhance the enormous research of our nationally recognized English department. Tawes was built in 1960 for the music and theatre departments and has not been substantially

renovated since then. The building urgently needs systems upgrades, code compliance modifications and architectural modifications. Further delay of this project will seriously erode the department's ability to recruit and retain faculty.

The strength of the Department of English is a prime indicator of the quality of any university. The Department of English at the University of Maryland is currently one of the best in the country. Every student entering the University of Maryland enjoys the expert teaching of the Department of English. In addition to the 600-plus undergraduate and 250 graduate majors in English, the department provides the campus 14,000 undergraduate seats per year, offering two of the university's three fundamental studies requirements, as well as a full schedule of courses fulfilling the university's CORE requirements.

The university is one of only a few national universities that require two writing courses as part of its core undergraduate requirements: basic writing and professional writing. These two requirements are complex to administer because of the variety of the courses that have been developed to meet specific needs of our students. For example, there are sections of professional writing specific for scientists and engineers and others for business and social science majors. The professional writing program and the Writing Center also provide computer-based instruction and, thereby, technological fluency in this fundamental skill.

The professional Writing Program involves more than 50 faculty members. As part of its outreach and service, it has recently entered into agreements with the FDA and NIMA to provide writing instruction for the scientists and engineers employed in these agencies. They have similar initiatives with the University of Shanghai. The writing program is also in negotiations with several federal agencies to develop a Plain Language Center. The funds that these centers generate are used for

technology enhancement, graduate student stipends, and faculty development. These entrepreneurial activities present special opportunities for growth, but without new space to expand, many future opportunities will be lost.

The Department of English is ranked 17th in the country in African American Literature. The opening of the new David C. Driskell Center for the Study of the African Diaspora has put the national spotlight on the university's leadership in this exciting area. We are poised to take advantage of this opportunity and build on this important program. The additional space provided by the renovation of Tawes is critical to these opportunities.

Renaissance Studies, ranked 14th in the nation by *U.S. News & World Report*, is targeted by the university as an area of development and expansion. The presence of the Folger Library in Washington provides a unique opportunity to build world-class excellence in Renaissance studies. The department is building momentum. The new facility in Tawes will include two auditoriums that are suitable for small symposia and conferences, providing opportunities to host international and national events that put the university visibly at the forefront of research and scholarship in Renaissance studies.

The Creative Writing Program, founded just 10 years ago, has already moved to the top 20 in the country. It is a program on the move. Among its faculty are the Poet Laureate of Maryland Michael Collier and Stanley Plumly, Distinguished University Professor and member of the American Academy of Arts and Letters. The department intends to take this program to the top 10. They plan to increase the number of faculty in fiction and poetry from six to eight, and add a nonfiction area of specialization next year. These plans rest on the recruitment potential and space of the new facility in Tawes.

The development and growth of the English department is essential to the enhancement of the University of Maryland. For more than 10 years the

department has lived in temporary space on the edge of campus. A timely move to a renovated Tawes is essential if the department is to continue on its path of excellence; such a home will be commensurate with the stature of a first rank department in a top ranked research university.

III. In order to maintain our position as a leader in higher education, the Board of Visitors very strongly supports the University System of Maryland's FY '04 operating budget request of \$905.8 million or a 4.4 percent increase over FY '03. Within the University System of Maryland request, the University of Maryland, College Park, is seeking an increase of 4.1 percent.

Though we have enjoyed the benefit of a previous state surplus and a very supportive governor and General Assembly, it is imperative that support for the University System of Maryland, and more importantly the state's flagship university, continue to be a high priority in the state. The state of Maryland is on the brink of creating a first-class system of higher education with a flagship institution second to none. This modest increase will allow the University of Maryland to continue the momentum of the past decade.

The University System of Maryland FY '04 budget request totals \$905.8 million, an increase of 4.4 percent over FY '03. Within the system budget request, the University of Maryland, College Park, is seeking an increase of \$14,764,225 or 4.1 percent. In addition the board supports the Separate Request List for FY '03. This modest request will help the university maintain its current momentum. This budget request supports salary increases that maintain and strengthen efforts to recruit and retain high caliber faculty and staff. High caliber faculty and staff support our goals and objectives for increased national rankings, national academy memberships, sponsored research and preparation of

students for the labor markets and graduate schools.

Additionally, this funding supports operating and equipping new and existing facilities. A state-of-the-art facility infrastructure is a critical component of nationally ranked educational and research programs. Technologically advanced classrooms, laboratories and offices provide the environment for exceptional teaching, research and service.

Finally, increased operating funding would provide the university with increased support for financial aid programs. Funding increases for financial aid would help preserve educational access for students by adjusting our base to keep pace with tuition increases. Obviously, financial aid is critical to the retention and timely graduation of students. The contributions of the University of Maryland are essential to the rapidly changing economy of the state. One of the most important ingredients for success in the knowledge economy is the contribution of the state's research universities to the creation of our high technology future. It is critical to the momentum of the university and the state that we continue to move forward building on our goal of achieving a national reputation on par with our peer institutions. Members of the Board of Visitors will continue to strongly support an increase in operational funding to provide President Mote with the tools needed to achieve the goals set forth for the University of Maryland.

CONCLUSION

In 1988, the Charter for Higher Education called on the University of Maryland to serve as a magnet for the state's best students, operate as the state's flagship university, and offer nationally ranked programs. The University of Maryland has made a number of strides in the last decade thanks to the increased support from the state. We are proud of these accomplishments and want to thank the governor and General Assembly for their continued support.

- In the most recent *U.S. News & World Report* the University of Maryland was ranked 18th among all national public universities. Furthermore, the university is among the top 20 most selective public national research universities in the United States. Seventy programs at UM are now ranked among the nation's top 25 academic programs.

- The University of Maryland educates one-third of the University System of Maryland students. With more than 33,000 students, we are the largest and best university in the state of Maryland.

- University of Maryland research and development contracts totaled \$352 million last year, among the largest won by a public university without a medical school.

- The University of Maryland graduates more African American students than any college or university, public or private, in Maryland. The university graduates more African American students who go on to graduate school than any other public university in the United States.

- More than 100,000 alumni, friends, corporations and organizations contributed \$476 million to the seven-year *Bold Vision • Bright Future* campaign, which soared to a glorious conclusion on June 30, 2002. The goals of \$350 million in commitments and \$100 million in new money added to endowment were easily achieved, as we raised \$126 million over the goal and added \$137 million directly to the endowment.

The University of Maryland has created a momentum that the entire state now enjoys. We will continue to be out there, polishing our star, looking for those special opportunities to accelerate that momentum. We invite you to join us in this exciting journey to the top!

UNIVERSITY OF MARYLAND COLLEGE PARK FOUNDATION
BOARD OF TRUSTEES

CHAIRMAN OF THE BOARD

Barry P. Gossett
Partner
Pascal Turner Partners

EXECUTIVE COMMITTEE

Mr. John M. Brophy '71
Chair, Executive Committee
Group President
ACS State and Local Solutions

Mr. Robert A. Bedingfield '70
Chair, Budget & Audit Committee
Partner
Ernst & Young LLP

Ms. Jane C. Brown '72
Chair, Committee on Trustees
Executive Director
Robert W. Deutsch Foundation

Mr. Charles W. Cole, Jr.
Chair, Investment Committee
Chairman & CEO
Legg Mason Trust, fsb

Mr. Leonard J. Elmore, Esq. '78
Chair, Marketing Committee
President & CEO, TestU

Mr. Raymond G. LaPlaca, Esq. '58
Immediate Past Chair
Partner
Knight, Manzi, Nussbaum, and LaPlaca,
P.A.

The Hon. Timothy F. Maloney
Chair, Government Relations
Committee
Partner
Joseph, Greenwald, and Laake, P.A.

Mr. Mark G. Turner '78
Chair, Development Committee
President
Escape Enterprises, Ltd.

ELECTED TRUSTEES

Mr. William N. Apollony '69, '76
Senior Vice President
Allfirst Bank

Mr. Harold M. Brierley '65
Chairman & CEO
Brierley and Partners, Inc.

Mr. Waldo H. Burnside '49
Retired

Mr. Albert P. Carey '74
Senior Vice President
Sales & Retail Strategies
PepsiCo, Inc.

Mr. George P. Clancy, Jr. '67
Executive Vice President
Chevy Chase Bank

Mr. A. James Clark '50
Chairman and CEO
Clark Enterprises, Inc.

Mr. Michael S. Dana '81
CEO
Delta Group LLC

Mr. B. Gary Dando '64
Retired Partner
Ernst & Young LLP

Mr. Philip B. Down
President
Doctors Community Hospital

Mr. Edward M. Downey '52
Co-Chairman
Downey Communications, Inc.

Mr. Robert Facchina '77
President
Johanna Foods

Dr. Robert E. Fischell '53
Chairman
Fischell Biomedical, LLC

Mr. Edwin R. Fry '69
President and General Manager
Fair Hill Farm, Inc.

Mr. Petch Gibbons '76
President and CEO
Advantis Real Estate Services Co.

Mrs. Alma G. Gildenhorn, '53
Civic Volunteer

The Hon. Joseph B. Gildenhorn, '51
Partner
The JBG Companies

Mr. Brian L. Hinman '82
President and CEO
2Wire, Inc.

Mr. Charles A. Irish, Sr. '52
Senior Executive Vice President
& COO
The Whiting-Turner
Contracting Company

Dr. Maxine Isaacs '94
Adjunct Lecturer
John F. Kennedy School of
Government, Harvard University

Mr. Jack Kay '47
President
Kay Management Company, Inc.

Dr. Jeong H. Kim '91
CEO
Jurie Holdings LLC

Mr. Christopher E. Kubasik '83
Vice President and CFO
Lockheed Martin Corporation

Mr. John N. Lauer '63
Chairman, President and CEO
Oglebay Norton Company

Mr. William E. Mayer '66, '68
Partner
Park Avenue Equity Partners

The Hon. C. Thomas McMillen '74
Chairman
Washington Capital Advisors, LLC

Mr. Arthur S. Mehlman '63
Partner-in-Charge, Baltimore
KPMG, LLP

Mr. Philip Merrill
President and Publisher
Washingtonian Magazine

Mr. John Morton III
President
Mid-Atlantic Banking Group
Bank of America Corp.

Mr. Paul H. Mullan '68, '70
Vice Chairman &
Strategic Partner
Charterhouse Group International, Inc.

Lt. Gen. (Ret.) Emmett Paige, Jr.
Vice President, DOD/Intel Operations
Lockheed Martin Information
Technology

Mrs. Shirley Phillips
Co-Owner
Phillips Seafood Restaurants

Mr. Robert P. Pincus '68
Retired

Erwin S. Raffel, D.D.S. '58
Director for Professional Relations
Dental Care Alliance

Ms. Brenda Brown Rever '65
Civic Volunteer

Dr. Philip R. Rever '64
Retired

Mr. Nicholas A. Samios '66
Managing Member
PJ West, LLC

Mr. Harvey L. Sanders '72
Chairman & CEO
Nautica Enterprises, Inc.

Mr. Robert B. Schafel '62
Senior Consultant
Riggs, Counselman, Michaels &
Downes, Inc.

Ms. Margaret Scott Schiff
Vice President, Controller,
Personnel, Administration
The Washington Post

Mr. Adrian G. Teel '64
Executive Vice President
Ferris, Baker & Watts, Inc.

Mr. John R. Tydings '63
Retired

APPOINTED TRUSTEES

Mr. Richard C. Brustein '77
Chairman/President
The Brustein Co.

Mr. John E. Girouard '81
President and CEO
Capital Asset Management Group

Mr. John I. Heise, Jr. '47
Partner
Heise, Jorgensen & Stefanelli, P.A.

Mr. James L. Redifer '58, '71
Retired

HONORARY TRUSTEES

Mr. Samuel Riggs IV '50
Retired

Dr. Jehan Sadat
Senior Fellow
Center for International Development
and Conflict Management
University of Maryland

Mr. Alfred H. Smith, Jr. '55
Retired

Mr. Robert H. Smith '50
Co-CEO and Co-Chairman
Charles E. Smith Companies

Mr. Leo Van Munching, Jr. '50
President-Retired
Van Munching & Company, Inc.

EX-OFFICIO TRUSTEES

Dr. C. D. Mote, Jr.
President
University of Maryland

Mr. Brodie Remington
President, University of Maryland College
Park Foundation, Inc.
Vice President for University Relations

Dr. Norma M. Allewell
Dean, College of Life Sciences

J. Paul Carey '82
Immediate Past President
Alumni Association Board of Governors

Dr. Kent Cartwright
Chair, University Senate

Dr. Linda M. Clement
Vice President for Student Affairs

Dr. Bruce W. Dearstyne
Interim Dean, College of Information
Studies

Mr. Brandon DeFrehn
President
Student Government Association

Dr. William W. Destler
Senior Vice President for Academic Affairs
and Provost

Dr. Nariman Farvardin
Dean, A. James Clark School of
Engineering

Dr. Howard Frank
Dean, The Robert H. Smith School of
Business

Dr. Thomas A. Fretz '64
Dean, College of Agriculture and Natural
Resources

Dr. Robert S. Gold
Dean, College of Health and Human
Performance

Dr. Irwin L. Goldstein '62, '64
Dean, College of Behavioral and Social
Sciences

Dr. Stephen Halperin
Dean, College of Computer, Mathematical
and Physical Sciences

Dr. James F. Harris
Dean, College of Arts and Humanities

Professor Steven W. Hurtt
Dean, School of Architecture

Mr. Thomas G. Kunkel
Dean, Philip Merrill College of Journalism

Dr. J. Dennis O'Connor
Vice President for Research and Dean,
Graduate School

Dr. Donald R. Riley
Vice President & CIO
Office of Information Technology

Dr. Susan C. Schwab
Dean, School of Public Affairs

Dr. Sylvia S. Stewart
Interim Vice President for Administrative
Affairs

Dr. Edna M. Szymanski
Dean, College of Education



UNIVERSITY SYSTEM OF MARYLAND
BOARD OF REGENTS

Nathan A. Chapman, Jr. *Chairman*

Lance W. Billingsley

Andrew Canter

Thomas B. Finan, Jr.

Patricia S. Florestano

Nina Rodale Houghton

The Hon. Steny H. Hoyer

Orlan M. Johnson

Leronia A. Josey

Clifford M. Kendall

Admiral Charles R. Larson (USN Ret.)

Bruce L. Marcus

The Hon. Hagner R. Mister

David H. Nevins

The Hon. James C. Rosapepe

The Hon. Joseph D. Tydings

William T. Wood

