

19 September 2006

MEMORANDUM

TO: Members of the Duke University Board of Trustees

FROM: John F. Burness

RE: Summary of Activities

While many students may think of the summer months as “vacation,” the events and accomplishments of the university do not take a summer break. I’m pleased to provide you with this summary of selected events and developments at Duke since the Trustees’ meeting in May.

Duke across the globe

The global reach of Duke continues to expand. In his second trip to Asia of his presidency—the first was to Singapore last year—**President Brodhead**, joined by Vice President for Alumni Affairs and Development **Bob Shepard**, visited with alumni, students, and their parents, and leaders in education and government in Hong Kong, Taiwan, Korea, and Japan before arriving in Beijing to receive an honorary degree from Tsinghua University. In Taipei, the president visited the Koo Foundation Sun-Yat Sen Cancer Center, which was founded by Dr. **Andrew Huang**, a Duke professor of medicine. He also participated in an educational forum about the future of internationalization in higher education. In his keynote speech at Tsinghua University, President Brodhead spoke about the need for universities to “take on the task of joining together, in flexible and opportunistic ways, to create communities of intelligence focused on complex problems.” His travels were well covered by a number of leading Asian media outlets. Several Duke officials assisted the president in China, including Professor **Kang Liu**, director of the Program in Chinese Media and Communication Studies; **Longen Chen**, an adviser to Vice Provost for International Affairs **Gil Merckx**; **Yi Zeng**, a research professor in the Duke Center for Demographic Studies; and members of the Duke Chinese Student and Scholar Association.

As you no doubt know, while the President was traveling, U.S. Secretary of Education Margaret Spellings’ Commission on the Future of Higher Education released its long-awaited report, which focused on accountability, student access, and cost issues. What struck President Brodhead when he reviewed a draft version of the report was the contrast between what he had learned from educational leaders in Asia and the report’s criticism that higher education was resting on its laurels, and was increasingly vulnerable to competition from our Asian counterparts. Upon returning home, he wrote a well received op-ed article for *The Washington Post* which noted this contrast and the admiration of Asian educational leaders for the American higher education system’s versatility, innate focus on innovation and creativity, and its liberal arts foundation which enables flexible responses to real-world problems.

(<http://www.washingtonpost.com/wp-dyn/content/article/2006/09/03/AR2006090300742.html>)

In April, Chancellor **Victor Dzau**, M.D., Provost **Peter Lange**, and President Brodhead presided over the launch of Duke’s path breaking Global Health Initiative. A classic example of Duke’s interdisciplinary approach to major challenges, the Global Health Initiative will incorporate every field on campus to

address health care disparities between the poor and the rich on three continents. Shortly after the launch, **Michael Merson**, M.D., an internationally recognized expert in the study of HIV/AIDS, was named the Institute's first director. Merson comes to Duke from Yale where he previously had been dean of Yale's School of Public Health. Prior to joining Yale, Merson held a number of leadership positions at the World Health Organization for nearly 20 years, serving as director of the Diarrheal Diseases Control Program, the Respiratory Infections Control Program, and the WHO's Global Program on AIDS. He has authored more than 175 articles and is senior editor of *International Public Health*, the first textbook on the subject.

Duke Medicine continues to establish its school in Singapore. A 2 September groundbreaking ceremony, in which Dean of the School of Medicine **Sandy Williams** and other Duke leaders participated, marked the beginning of construction of the Duke-National University of Singapore Graduate Medical School, a unique collaboration between the two institutions aimed at creating Singapore's first research-based medical school to educate future physicians and promote biomedical research.

Duke's leadership in international area studies was also validated this summer by the selection of five Duke centers that offer foreign-language and international studies programs under Title VI of the Higher Education Act. *Along with Columbia University, which also had five area studies centers, Duke led the nation.* Our Asia-Pacific Studies Institute, Center for International Studies, Center for Latin American and Caribbean Studies, Center for South Asian Studies, and Center for Russian, East European, and Eurasian Studies were designated National Resource Centers and ensured some \$10 million of federal support over the next five years. In addition, our Center for International Business Education and Research also won a Title VI grant.

With all the connections Duke encourages between academic research and real-world inquiry, it comes as no surprise that 19 recent Duke graduates and graduate students received prestigious Fulbright scholarships from the U.S. Department of State's Bureau of Educational and Cultural Affairs. A Fulbright grant provides funds for a year of study, research, or teaching in a foreign country. Duke's winners will scatter across the globe, spending a year everywhere from Morocco to Chile to Malawi to India. Professor of Public Policy and Political Science **Bruce Jentleson** has also been awarded a Fulbright as a Senior Research Scholar in Spain for 2007, during which he will work on his book, *First Principles: Force and Diplomacy in the Contemporary Era*.

You will recall that last year President Brodhead participated in a number of efforts in Washington to educate the Bush Administration and Congressional leaders of the importance of providing rational regulatory programs to protect national security interests while ensuring that America was still able to attract the best and brightest foreign students and faculty to our universities. We were grateful in June when the U.S. Department of Commerce responded to the concerns President Brodhead and others had raised by withdrawing its proposal to impose a set of rules that would have burdened universities with excessive paperwork and stymied the ability of foreign students and faculty to participate in academic research. In response to concerns expressed by higher education leaders, Department of Commerce Secretary Gutierrez has created a new high-level Deemed Export Advisory Committee to recommend improvements to policies that govern the transfer of technology to foreigners working within the United States. The committee, which will be co-chaired by Norman Augustine, retired chairman and CEO of Lockheed Martin Corp. (who also chaired last year's National Academies report, "The Gathering Storm") and Texas A&M President and former CIA director Robert Gates, includes Duke Vice Provost for Research **Jim Siedow** among the 12 leaders from business and academia who will tackle this important task.

Duke in Service to Society

A number of other Duke leaders were called upon to share their expertise on Capitol Hill this summer. Four members of the Duke Law faculty testified before Congressional committees on a wide range of issues. **Neil Vidmar**, Russell M. Robinson II Professor of Law, testified before the Senate Committee on

Health, Education, Labor and Pensions on the issue of medical liability reform. **Madeline Morris**, professor of law, testified before the Senate Foreign Relations Committee regarding ratification of the U.S.- U.K. extradition treaty. **James Cox**, Brainerd Currie Professor of Law, offered his views on proposed reforms for the conduct of securities class action litigation to the House Committee on Financial Services Subcommittee on Capital Markets, Insurance, and Government Sponsored Enterprises. **Scott Silliman**, professor of the practice of law and executive director of the Center on Law, Ethics and National Security, was on Capitol Hill three times in as many weeks, testifying before the Senate Judiciary and Armed Services Committees and meeting with members of the House Armed Services Committees, as lawmakers consider the implications of *Hamdan v. Rumsfeld* and the future of military commissions.

We welcomed three members of the North Carolina congressional delegation to campus during the August congressional recess. Congressman **David Price** (D-4th District), a Duke professor of political science who, of course, is no stranger to the university, Congressman Howard Coble (R-6th District), and Congressman Walter Jones (R-3rd District) met with President Brodhead and visited Duke laboratories. Each visit was geared towards the member's specific policy interest. Congressman Price met with leaders of the Duke-Durham Neighborhood Partnership and with faculty with expertise in the Middle East. Both Congressman Coble and Congressman Jones visited with Director **Glenn Edwards** and the Medical Free Electron Laser facility to see first-hand the important work being done with Department of Defense support.

Class of 2010

Dean of Undergraduate Admissions **Christoph Guttentag** reported to the Executive Committee in June that the Class of 2010 was among the strongest Duke has enrolled. We set another record for applications to Duke, receiving 19,386 applications for a class of 1,679. Most of the class—and 88 percent of the offers of admission—was filled through the Regular Decision process. Our overall admit rate was a record low of 21.2 percent, a 1 percent decrease from last year and a decrease of more than 9 percent from nine years ago. The middle 50 percent range of SAT scores for accepted students was 1400 to 1540. We had 3,263 applicants with SAT scores of 1500 or higher and 277 applicants with scores of 1600—the latter a 22 percent increase over last year.

Reflecting the strong commitment and attention to diversity that the Trustees have encouraged, the incoming class is 42 percent students of color. The class also has the largest number—152 students—of foreign students in Duke's history. While there is much good news, it appears that the extensive media coverage of the lacrosse incident had some impact on our matriculant yield. News of the incident broke just as offers of admission were going out and media coverage dominated headlines throughout most of April—as students were making their decisions about whether to accept our offer of admission. Our yield was about 41 percent, down from the 43 percent we anticipated, and we enrolled approximately 125 more students than expected from the waiting list. It is a measure of the size and strength of our applicant pool that students accepted from the waiting list were as outstanding in their overall quality as the entering class as a whole.

We are concerned that there may be some spillover from the negative lacrosse issue in the coming year as admissions tours this summer were somewhat down. A number of programs are being put in place—including increased visits to schools around the country, a number of special communications targeted to high-achieving students and their parents, and increased involvement of Duke students in admissions recruiting—to ensure we have a typically robust admissions profile in 2006-07.

Dean of the Graduate School **Jo Rae Wright** reports that the Graduate School continues its increased competitiveness in admissions, too. This year the school received 7,926 applications, up from 5,171 in 2000. Duke continues to draw strong international applications. While nationally the number of international applications slipped 3 percent for the 2005-06 academic year, Duke was able to maintain its

international applicants at 44 percent of the total pool, and this year saw an increase of this pool to 45 percent. With only a 20 percent admit rate, the Graduate School class that just entered is the largest ever, with 680 students enrolling. They hail from 466 different undergraduate schools, all 50 states, and 53 countries. The enrollment of women, African-Americans, Hispanics, and Native Americans continues to keep pace with this growth.

Rankings

Even if those of us in education view magazine rankings and their periodic methodological changes with a healthy degree of skepticism, we know the general public puts considerable stock in these external assessments of Duke's programs. As has already been suggested by our admissions rate, these magazine rankings have regarded Duke well.

In the latest *U.S. News & World Report* magazine's rankings of undergraduate programs at national universities with doctoral programs, Duke once again was in the top ten, this year placing eighth—down from a tie for fifth last year. *U.S. News* singled out Duke in four of eight categories of “programs to look for,” which the magazine called “outstanding examples of academic programs that are believed to lead to student success.” Duke was cited for first-year experiences, undergraduate research and creative projects, writing in the disciplines, and for the first time, the university was included in the list for senior capstone. As you know, in recent years we have devoted particular attention to increasing the number of seniors completing theses and other capstone experiences. In the Class of 2006, 15.6 percent of students graduated with distinction, which requires completion of a senior thesis, up from 12.8 percent the previous two years. Each of these areas has been a priority investment as we continue to strengthen the Duke undergraduate experience, and it is satisfying to see the quality of those programs being recognized. *U.S. News* also rated Duke tenth in a new category—“great schools, great prices,” which compares schools' academic quality with their net cost of attendance for a student who receives the average level of need-based financial aid. Our rating in this category no doubt reflects the Trustees' ongoing commitment for Duke to provide 100 percent of demonstrated financial need. About 40 percent of Duke undergraduates receive some form of need-based aid.

We also have good news on the Financial Aid Initiative, which Trustee **Rick Wagoner** and Trustee Emerita **Sally Robinson** are co-chairing. We just passed the \$182 million mark en route to our \$300 million endowment goal.

Duke Hospital again landed on *U.S. News & World Report*'s honor roll of best hospitals, placing seventh this year. Duke earned a top-25 ranking in all 16 clinical areas highlighted in the survey, and in ten categories Duke made the top-ten.

Of course we enjoy seeing Duke rated among the best, but we also realize these rankings have methodological limitations, with small differences able to affect an institution's placement. Whatever nuances of education these lists fail to reflect, it is still gratifying to see others recognize the general excellence of the university.

In addition to these rankings, I would like to note one ranking whose methodology couldn't be challenged. The School of Medicine ranked fifth among the nation's medical schools for National Institutes of Health funding in fiscal year 2005, up from sixth in funding for fiscal year 2004. Duke's medical school received 684 NIH awards, for a total of \$349.8 million. *This marks a 14.8 percent increase over the \$304.7 million it received in fiscal year 2004, the largest percentage increase of the nation's top 20 medical schools.*

Duke also received high marks in two rankings that specifically address diversity issues. *Black Enterprise* magazine ranked Duke the fourteenth best undergraduate institution in the nation for African-American students in a list that included several historically black colleges and universities. *Black Enterprise* takes into account academic environment, social options, and black student graduation rates,

among other factors. Duke was also named one of the top 20 institutions for lesbian, gay, bisexual, and transgender students in “The Advocate College Guide for LGBT Students.” Duke was selected as a top 20 campus—schools were not given a specific numerical ranking—based on its innovative LGBT initiatives and programs, its community support, and its positive atmosphere. Some of the initiatives that account for the ranking include same-sex benefits, the inclusion of sexual minorities in non-discrimination policies, and LGBT Center programs. **Janie Long**, who became the new director of the Center for LGBT Life on 1 August, will be furthering these efforts. Janie was previously associate chair of the Department of Applied Psychology and director of the Marriage and Family Therapy Program at Antioch New England Graduate School. Widely published in the field of marriage and family therapy, she obtained her doctorate from Virginia Polytechnic Institute and State University; Long is also an alumna of Duke, having earned a Master’s degree from Duke Divinity School.

New Programs and Initiatives

The Campus Culture Initiative continues its work to articulate our aspirations for life at Duke and also to analyze existing practices and bring forward initiatives to realize that vision. Co-chaired by Dean of Trinity College **Bob Thompson** and Vice President for Student Affairs **Larry Moneta**, CCI subcommittees met throughout the summer and are now beginning to seek opinions more widely. Thompson announced in a letter to the Duke Community the creation of a website (<http://www.campuscultureinitiative.duke.edu>) to solicit community responses. With the support of Executive Director of Alumni Affairs **Sterly Wilder** and Alumni Association President **Tom Clark**, a letter will go to all alumni seeking their input as well. The committee expects to issue an interim report by 1 December and a final report to President Brodhead by 1 May 2007.

Trinity College has created the Office of Service-Learning to coordinate efforts for undergraduate classes to include service-learning. This mode of pedagogy fosters individual development and engagement with local, national, and global communities, and has been an area of growth at Duke over the past five years. In announcing the new office, Dean Thompson explained that he hopes academic classes and instructors will “partner in productive ways with units on and off campus that also work in areas of civic engagement.” Co-directors **Cheri Ross** and **David Malone**, associate professor of the practice of education, will find ways to link students and faculty with opportunities in the community.

In another much anticipated development, the Sanford Institute of Public Policy is accepting applications for its first Ph.D. class. The program, overseen by **Frederick Mayer**, associate professor of public policy and director of graduate studies, plans to enroll six to eight students next year and is a milestone in the Institute’s efforts to achieve school status.

Milestones

Duke not only has enjoyed considerable success in admissions, in federal competition for research and education grants, and in a number of assessments of the quality of the institution, but the university also set a fund-raising record in the last fiscal year: \$341.9 million. This eclipsed by 13 percent the previous record, which was set in 1999-2000. National media made a great deal of what this unprecedented amount may have meant in light of the lacrosse incident and some predictions that support from alumni and others would drop. There is really no reason to speculate—we know it meant that there are greater resources than in any other year to move Duke ahead: to build our financial aid endowment, to fund our annual operating needs, to sustain our community, and a lot more. We also know it means that Duke donors—more than 95,000 of them last year—continue to be extremely generous and supportive of their alma mater. The record is an indication of how hard a good many Duke people work to inspire support. I include people throughout the Duke community, university staff and volunteers, who do a great deal to assist Bob Shepard, Executive Director of Development **Ellen Medearis**, and our development staff.

The summer also saw the appointment of **Mike Morsberger**, Duke Medicine's new vice president for development and alumni affairs, who comes to us after considerable fund-raising success at Johns Hopkins and, before that, at the University of Virginia.

This is a big year for Duke's natural habitats. The Duke Forest, established in 1931, will celebrate its 75th anniversary this year as a nationally recognized outdoor teaching and research laboratory. On 19-20 October, Duke will host a celebration of the role the Forest has played at Duke and in Durham and the many faculty and students who have studied in the Forest.

Duke's 40-year-old Primate Center has a new name—Duke Lemur Center—that better reflects its scientific goals and mission, according to **Anne Yoder**, professor of biology who became director in January. With the full support of Vice Provost Siedow and Provost Lange, the university is allocating \$8 million to improve and expand the center's facilities with three new buildings and associated habitats for the lemurs.

This fall the Marine Lab in Beaufort, North Carolina, opened its newest building, the 5,600-square-foot Ocean Science Teaching Center, which is being built to the highest standards of energy and environmental efficiency adopted by the U.S. Green Building Council. While Duke strives to obtain LEED Certification of environmental sustainability for all its buildings, we are particularly proud of buildings like the Ocean Science Teaching Center that attain LEED's highest possible designation. This new building will be overseen by Marine biologist **Cindy L. Van Dover** of the College of William & Mary who was recently named director of the Marine Lab. Van Dover succeeds **Michael K. Orbach**, who is continuing as professor of the practice of marine affairs and policy, a position he has held concurrently with the marine lab directorship since 1993. Van Dover specializes in the study of deep-sea hydrothermal vents and chemosynthetic communities.

Several other buildings also opened during the summer. Phase I of the Perkins Library Expansion, which includes the new Bostock Library and the renovation of the first floor of Perkins, is now complete. Vice Provost for Library Affairs **Deborah Jakubs** reports that since Bostock opened last year, library use has increased by some 40 percent! With Phase II of the project already underway, we have yet to see how high library use might climb. With the exception of the spectacular French Family Science Center which Executive Vice President **Tallman Trask** reports is on track to be completed in December, most of the major projects authorized by the Trustees in recent years are finished and in use. Much to the delight of Vice President Moneta, the Student Center Plaza & Commons debuted with much fanfare in mid-August. Although the official grand opening and dedication will take place when you are on campus for the September meeting, the plaza already has played host to several dozen performances and is emerging as a vibrant Mecca of student activity. The Duke Symphony Orchestra held its annual pops concert on the outdoor stage, and members of the Duke community flocked to West Campus to mingle with student passers-by who were able to just "stop and listen," as freshman **Caroline Griswold** told *The Chronicle*. Still to come, of course, is the next major round of facilities associated with the development of Central Campus, which will be a major focus of discussion at the Trustees' upcoming meeting.

Another Duke performance group played in a more grandiose venue this summer when Duke Chapel music director **Rodney Wynkoop** gathered about 40 members of the Duke Chapel Choir and more than 100 from the Duke Chorale and the Choral Society of Durham to perform at Carnegie Hall in New York. The group was joined by the New England Symphonic Ensemble in their 28 May concert.

The arts scene, another focus of Duke's proposed strategic plan, "Making a Difference," is thriving on campus, too. The Nasher Museum of Art will celebrate its first birthday on 2 October. Under the leadership of Mary DBT and James H. Semans Director of the Museum **Kim Rorschach**, the museum has drawn a geographically diverse crowd during its inaugural year with more than 90,000 visitors from

all 50 states and 23 foreign countries. Thanks to generous support from the Durham *Herald-Sun*, residents of Durham are able to attend the Nasher's programs and exhibits without charge.

It is a signal of the museum's quickly growing reputation that video artist Eve Sussman and The Rufus Corporation chose the Nasher Museum as the first venue for their widely anticipated new video-musical, *The Rape of the Sabine Women*. The museum is also the final stop for an exhibition of contemporary Chinese video and photography that has traveled to New York, Chicago, Seattle, London, Berlin, and Santa Barbara, California. *Between Past and Future: New Photography and Video from China* opens 26 October.

Duke and Durham

The museum has been one place where members of the Durham community have had a chance for more casual interactions with Duke students. Leaders of the Duke Student Government have also worked to forge closer ties between students and Durham. DSG President **Elliott Wolf**, DSG Vice President for Community Interaction **Jordan Giordano**, and senior **Daniel Bowes** have worked with the Office of Student Affairs and the Office of Community Affairs to develop opportunities for students to attend Durham Bulls games and to communicate with students, especially those living off campus, about local laws and neighborhood standards. Bowes spent the better part of the summer meeting with community and neighborhood leaders in an effort to break down communication barriers between students and the local community. Student leaders also have been working with their counterparts from North Carolina Central University to promote interaction between students at both schools. Thanks to the efforts of many, I suspect it is no accident that we have seen almost no behavioral incidents involving students in the community this fall.

When first year students arrived in August, they received a particularly warm welcome to Durham. Duke launched a pilot program, giving each first-year student a \$50 gift card to spend on food from 18 participating restaurants in the Ninth Street area, as part of an effort to encourage them to explore off campus. **Ryan Lombardi**, assistant dean of students and coordinator of orientation, and his staff lined up a long list of activities as part of an extended and more extensive orientation, expanding on last year's trip to the downtown American Tobacco Campus and a Durham Bulls game. This year, for the first time, a number of faculty members offered guided tours of Durham and environs. **Kathy Rudy**, associate professor of women's studies, for instance, took a group to a small, sustainable farm that produces food for a local farmers market. Students also had an opportunity to learn about historical landmarks, including the house former U.S. President **Richard Nixon** lived in as a Duke law student and where Madonna danced as a teenager while participating in a Duke-sponsored program. This exploratory program was coupled with the annual "Into the City" volunteer effort coordinated by **Elaine Madison**, director of the Community Service Center. More than 300 students sorted book donations for low-income children, cleaned creeks, and beautified schoolyards at 20 different nonprofit sites around Durham. President Brodhead worked with one group of students at a landscaping project at Durham Central Park. Not to be outdone, two weekends ago, 840 Duke graduate and professional students participated in more than 25 community service ventures around Durham. And some 100 Fuqua School students undertook their own community projects as well.

The Duke-Durham Neighborhood Partnership continues to be deeply involved with the neighborhoods and schools near campus. One of the Partnership's goals is to improve teacher instruction and student achievement in schools near campus. Two new initiatives for teachers were announced by President Brodhead in the spring and are now underway and receiving accolades. Some 30 mid-career teachers in Durham Public Schools with three to seven years experience are participating in a program designed and taught by instructors **Lisa Wilson Carboni** and **Susan Wynn** and associate professors of the practice David Malone and **Jan Riggsbee** in Duke's Program in Education. In August, the teachers attended a two-day residential workshop in the Thomas Center, which focused on professional growth and teacher empowerment, including stress reduction techniques. Follow-up sessions during the academic year will

include seminars by leading Duke scholars on topics such as globalization, Southern history, and popular culture.

With President Brodhead's support, Duke is working with Neighborhood Partnership schools with exceptionally large Latino student populations to better equip educators to communicate with Spanish-speaking students and their families. In August, **David Stein**, education coordinator in the Office of Community Affairs, organized a trip, funded by Duke with support from The Duke Endowment, to Guatemala for three Durham Public School principals and an elementary school teacher for a week of Spanish culture and language immersion in the picturesque town of Antigua. As part of the Spanish effort, 30 teachers from Lakewood, Watts, E.K. Powe, and Forest View elementary schools came to campus in August for three days of immersion, offered by **Liliana Paredes**, assistant professor of the practice, **Joan Clifford**, visiting assistant professor of the practice, and **Elizabeth Ramirez**, lecturing fellow. Duke and a special collaboration between Duke and the United Way, which was renewed this year to support the Neighborhood Partnership, sponsored the trip (<http://www.dpsnc.net/>). The Duke professors will continue to give weekly Spanish classes during the year. Next summer, those teachers who finish the course will be eligible for a week of immersion in Guatemala. New DPS Superintendent Carl Harris has already asked us to reserve a spot on the trip for him. President Brodhead met over the summer with Superintendent Harris to ensure close collaboration between Duke and Durham Public Schools in the years ahead.

In July I announced the promotion of two leaders in our Office of Community Affairs. **Michael Palmer**, who has served since 1999 as director of community affairs and directs day-to-day activities of the Neighborhood Partnership, has been promoted to assistant vice president for community affairs; Palmer's principal deputy **Sam Miglarese**, who provides vital staff support to several of the 35 Neighborhood Partnership programs in which students and faculty are engaged, has been named director for community engagement. Thanks to their work and the Office of Community Affairs' coordination with units across Duke, we are seeing tangible improvements in Duke's relations with Durham in a wide range of areas, including education, affordable housing, and health care.

Awards and Honors

Trustee Chairman **Bob Steel** has been nominated by President Bush to serve as undersecretary of the treasury for domestic finance. The nomination is subject to Senate approval. As President Brodhead said in a statement when Chairman Steel's appointment was announced, "Bob will bring wisdom and an extraordinary range of knowledge to this important position, and the country should be grateful for his willingness to render this significant public service."

Three Duke professors have won Presidential Early Career Awards for Scientists and Engineers, one of the highest honors the U.S. government bestows on young scientists. *Duke and the University of Illinois at Urbana-Champaign, which also had three faculty members named, topped all universities in Early Career awards.* **Silvia Ferrari**, an assistant professor of mechanical engineering, **Jonathan Mattingly**, an associate professor of mathematics, and **Tannishtha Reya**, an assistant professor of pharmacology and cancer biology in the medical school, were among the 56 researchers who received the award in a July ceremony at the White House. The awards to Ferrari and Mattingly follow National Science Foundation Faculty Early Career Development awards that they won in 2005.

Erich Jarvis, associate professor of neurobiology, has received another accolade, being named to *Popular Science* magazine's annual "Brilliant 10" list of young scientists, who the magazine says are "changing not just what we know but the limits of what we think it's possible to know." In 2002 he was selected by the National Science Foundation for the Waterman Award as the outstanding young scientist in America. Focusing on songbirds, Jarvis studies the neurobiology of vocal communication, using an integrative approach that combines behavioral, anatomical, electrophysiological, and molecular biological techniques. With funding from a National Institutes of Health Director's Pioneer Award, Jarvis has

challenged scientists' understanding of how birds learn and demonstrated the implications his work has on our understanding of the human brain as well.

Sherman James, professor of public policy studies, was voted president-elect of the Society for Epidemiological Research, the world's largest professional society for epidemiologists. James' work focuses on the social determinants of racial and ethnic health disparities, especially in cardiovascular disease and birth outcomes. Sherman is the first African-American scholar to hold the office.

Katharine Bartlett, dean of the School of Law, will receive the Dean John R. Kramer Award from Equal Justice Works on 19 October in recognition of her efforts to nurture a spirit of public service among its students, graduates, faculty, and staff. In nominating Dean Bartlett for the award, **Carol Spruill**, associate dean for public interest and pro bono, noted initiatives such as increasing the number and profile of legal clinics, expanding the Office of Public Interest and Pro Bono, and adding to the public interest counseling capacity of the law school's Career and Professional Development Center.

Jesse Waggoner, a recent School of Medicine graduate, has won the Osler Medal from the American Association for the History of Medicine for a paper on Eugene Sanger, a surgeon in the Union Army during the Civil War. Waggoner spent his third year of medical school—which, in Duke's innovative curriculum, medical students dedicate to research—writing the paper.

Jay Hamilton, Charles S. Sydnor Professor of Public Policy Studies, received a 2006-07 Fellowship in Environmental Regulatory Implementation from Resources for the Future, which will support research on the U.S. Department of Agriculture's Conservation Reserve Program. This is the second time Hamilton, who is also director of undergraduate studies at the Sanford Institute, has won such a fellowship.

Anirudh Krishna, assistant professor of public policy, won the *Journal of Development Studies* annual Dudley Seers Memorial Prize for a co-authored article titled "Why Growth is Not Enough: Household Poverty Dynamics in Northeast Gujarat, India."

Adrian Bejan, J.A. Jones Professor of Mechanical Engineering, has received the Luikov Medal from the International Centre for Heat and Mass Transfer for his contributions to the field of thermal sciences, including his development of the constructal law of design in nature. Bejan's research, which has garnered numerous international recognitions, covers a wide range of topics in thermodynamics, heat transfer, fluid mechanics, convection, and porous media.

Joost Pauwelyn, professor of law, has been awarded the 2005 Paul Guggenheim Prize for his 2003 book *Conflict of Norms in Public International Law: How WTO Law Relates to Other Rules of International Law*. The prize, awarded every two years, honors outstanding work by a young author in the area of Public International Law. Pauwelyn is the director of the School's JD/LLM program in international and comparative law and the author of numerous articles on international trade and public international law.

Erwin Chemerinsky, Alston and Byrd Professor of Law and Political Science, has been selected by a faculty committee as Duke's 2006 University Scholar/Teacher of the Year. Renowned as a scholar of constitutional law and the federal courts, appellate advocate, and author, Chemerinsky has been praised as a passionate and accessible teacher both by law students and undergraduates at Duke who take his popular constitutional law course.

As part of Duke's efforts to encourage student-faculty interactions and mentoring, the Graduate School recognized three professors with the Dean's Award for Excellence in Mentoring: **James R. Bettman**, Burlington Industries Professor of Business Administration, **Lisa M. Campbell**, Rachel Carson Assistant Professor of Marine Affairs and Policy, and **Linda Orr**, professor emeritus of French and francophone studies. A committee of senior deans and graduate students selected these three faculty members from a

highly competitive pool of nominees. They represent sterling examples of mentoring-in-action, and the university is proud to recognize them for their exemplary leadership, dedication, and service.

Alumni News

On 1 July Tom Clark succeeded **Bill Miller** as the president of the Duke Alumni Association, and he will lead that body as it engages a future carefully charted by the strategic plan it developed over more than a year. Tom hit the ground running. He has helped Dean Thompson to include alumni in the current discussions about campus culture, set forth a challenging course for alumni events and educational programming across the nation—even around the world—and led the planning for what Sterly Wilder assures us promises to be one of Duke’s greatest Homecoming weekends ever. Duke alumni remain a deep and constant resource for our university. This past weekend several hundred alumni were back for the Alumni Volunteer Leadership Conference.

Scholarship and Research

Duke researchers and scholars continue to break new ground and bring new knowledge in service to the broader society. A few examples follow:

David Smith, associate professor of electrical and computer engineering, research associate **David Schurig** and colleagues at Imperial College London have developed the blueprint for an “invisibility cloak” with funding from the Defense Advanced Research Projects Agency. Although news of the discovery prompted countless allusions to Harry Potter, the researchers said that the real-life version of a cloak could have numerous uses from defense applications to wireless communications. As reported in the journal *Science*, in principle the invisibility cloak could be realized with exotic artificial composite “metamaterials” developed by Smith.

Using a survey given to Durham residents, **Paula McClain**, professor of political science, found that Latinos bring negative stereotypes about black Americans to the U.S. when they immigrate and identify more with whites than blacks. Working with Duke graduate students **Niambi M. Carter**, **Victoria M. DeFrancesco Soto**, and **Monique L. Lyle**, and colleagues at five other schools, McClain examined changing political dynamics in the South. The study, which garnered national attention, suggested new findings about how Latino immigrants relate to blacks and whites—and how those groups relate to Latinos—and has implications for the social and political dynamic of the region.

Anil Potti, M.D., assistant professor of medicine at the Institute for Genome Sciences & Policy, and **Joseph Nevins**, director of the IGSP Center for Applied Genomics and Technology and professor of molecular genetics, have developed the first-ever genomic test to predict which patients with early-stage lung cancer will need chemotherapy to live and which patients can avoid the toxic regimen of drugs. The test, which can theoretically apply to any cancer, scans thousands of genes to identify patterns of gene activity in individual tumors that indicate a patient is likely to suffer a recurrence of disease. News of the major breakthrough was covered or carried by more than 300 news outlets.

The Bill & Melinda Gates Foundation awarded \$31 million to Duke researchers to advance research into HIV vaccine development. **David Montefiori**, research professor of experimental surgery, is seeking ways to standardize and improve laboratory tests used to assess vaccine candidates. As you know, **Barton Haynes**, M.D., Frederick M. Hanes Professor of Medicine, is leading the Center for HIV/AIDS Vaccine Immunology, a consortium of universities and academic medical centers aimed at solving major problems in HIV vaccine development and design. Duke has clearly emerged as a world leader in this truly important field.

Duke Athletics

Duke Athletics kicked off the fall semester with a special evening in Cameron Indoor Stadium to affirm the department’s values and principles: education, respect, integrity, diversity, sportsmanship,

commitment, loyalty, accountability, and excellence. Prominent former Duke athletes presented each of the nine principles to more than 800 participants. The presenters included two Duke Trustees and former Duke athletes—**C.G. Newsome** (football) and **Alan Schwartz** (baseball). Other former athletic greats who participated were NBA star **Grant Hill**, LPGA golfer **Candy Hannemann**, field hockey player and Vice President and Assistant to the President of ESPN **Laura Gentile**, current Duke Associate Head Basketball Coach **Johnny Dawkins**, tennis star and consultant for The Parthenon Group **Vanessa Webb**, basketball player and president of Replay Photos **Sue Harnett**, and football player and Chairman of the Dilweg Companies **Anthony Dilweg**.

As the program occurred on the fifth anniversary of the September 11, 2001 terrorist attacks on the United States, the program also included a tribute to two of its former student-athletes who lost their lives in New York City on that day—football player **Rob Lenoir** and lacrosse player **Peter Ortale**.

In the days following the event, Duke athletic teams met with their respective head coaches to review the Duke Athletic Handbook and how a Duke student-athlete is expected to represent the values of the athletic department and those of the University.

Duke athletes also received several national honors over the summer.

For the 18th straight year, Duke led all ACC conference schools with 362 members on the 50th annual ACC Academic Honor Roll.

In the National Collegiate Scouting Association, Duke led all Division I-A schools in the organization's fourth annual Collegiate Power Rankings. The rankings include the top academic and athletic colleges and universities in the country at the NCAA Division I, II, and III levels. Duke finished first in the Division I-A rankings and first within the Atlantic Coast Conference. Duke tied for the fourth spot overall, trailing Williams College, Amherst College, and Middlebury College.

It is early in the 2006 season, but a number of Duke's fall teams are off to a strong start. As I write this, the men's soccer team is ranked third nationally, women's soccer is 12th, and field hockey is fourth. And as you know, the men's lacrosse team has resumed practice under the new direction of Head Coach **John Danowski**.

Men's Basketball Coach **Mike Krzyzewski** led the USA Men's Basketball team to a bronze medal in the World Championships in Saitama, Japan. Krzyzewski, the head coach for the USA squad, guided the team to a victory over 2004 Olympic gold medalist, Argentina, to secure the bronze medal. Two former Duke players, **Shane Battier** and **Elton Brand**, were on the U.S. Team. Johnny Dawkins served on the USA Basketball staff as a player liaison as well.

Women's Basketball Head Coach **Gail Goestenkors** is helping guide the USA Women's Basketball team in the World Championships, which are occurring 12-23 September in Brazil. Goestenkors is an assistant coach under the direction of head coach Anne Donovan. Former Duke star **Alana Beard** is a member of the U.S. team.

I hope you find this a comprehensive but not fully complete survey of activities since our last meeting to be useful. I look forward to seeing you at our meeting on 29 September.