



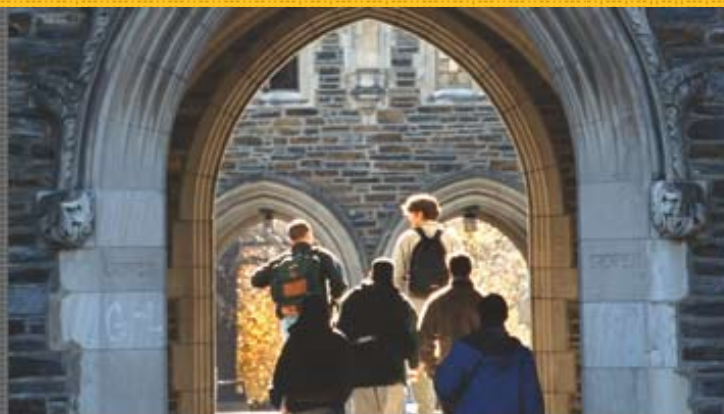
ONE OF THE REASONS

**DUKE INVESTS IN TALENT.**

**Paul Farmer, T'82, MD, PhD**  
humanitarian :: financial aid recipient

### **Opening Opportunities**

Former Speaker of the N.C. House Dan Blue. Humanitarian Paul Farmer. Dean of Students Sue Wasiolek. They're some of Duke's most talented alumni, people who have made lasting contributions to the university and the world. And each of them relied on financial aid to obtain a college education—the springboard that would launch them on their distinguished careers. [read more](#)



INTRO

**OPENING OPPORTUNITIES**

***Former speaker of the N.C. house Dan Blue. Humanitarian Paul Farmer. Dean of students Sue Wasiolek. They're some of Duke's most talented alumni, people who have made lasting contributions to the university and the world. And each of them relied on financial aid to obtain a college education—the springboard that would launch them on their distinguished careers.***

Every year, Duke opens its door to hundreds of students with similar promise—and similar financial obstacles. In 2004-2005 alone, we invested some \$59 million in undergraduate student financial support. Duke remains among the relatively small number of universities committed to meeting 100 percent of a student's demonstrated need through a combination of work-study opportunities, low-cost loans and outright grants. We give need-based financial aid to more than four out of 10 of our undergraduates and an even higher percentage of graduate and professional students.

Attracting stellar students—regardless of their economic background—greatly enriches the intellectual experience for everyone at Duke. The accomplishments detailed in this annual report demonstrate how Duke's exceptional faculty, groundbreaking research and energetic spirit offer enormous opportunities for personal and intellectual growth.

The Duke experience is why so many of our alumni go on to great things and to make great contributions. We're committed to making that experience available to all the gifted students we admit, which is why we're committed to increasing the financial aid endowment. After all, investing in their talent is an investment in society's future.



ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

## Financial Aid FAQs

### Average Aid Award Package for Entering Undergraduates 2004-2005

#### Cost to attend Duke University

\$39,240 (including tuition, room, board and fees, but not books and personal expenses)

#### Average Aid Award

Grant Funds \$21,592

Subsidized, deferred loans \$4,358 \*\*

Work-Study Job \$1,532

### 1. How much money did Duke provide for student financial support in 2004-2005?

Altogether, Duke invested about \$129 million during the academic year including:

- In 2004-2005 alone, we invested some \$59 million in undergraduate student financial support (including need-based, merit and athletic aid)
- \$50 million for doctoral students
- \$19 million for professional students

### 2. What was the source of the money for financial aid?

Duke has relatively little endowment funding for financial aid. So, for instance, only about 20 percent of the need-based financial aid for undergraduates in 2004-2005 came from endowed funds. The remainder came from unrestricted

resources (operating funds), which also support Duke's excellent faculty and programs that make the Duke experience so compelling.

**3. What percentage of Duke undergraduates receive need-based financial support?**

About 40 percent. For U.S. citizens and permanent residents, Duke's undergraduate admissions policy is "need blind," which means that applicants are accepted regardless of their ability to pay for college. Duke meets 100 percent of demonstrated financial need as determined by university calculations. In addition, the university offers some merit and athletic scholarships to undergraduates.

**4. Why has Duke's contribution to need-based financial aid for undergraduates almost doubled since 1995?**

Duke is committed to meeting 100 percent of the financial need of students it admits. The number of Duke applicants has grown significantly in the past decade, and these applicants represent a more diverse population and qualify for greater financial aid than ever before. Over the past decade, the cost of attendance has increased 57 percent, but over the same 10 years, Duke's investment in financial aid has about doubled. In addition, Duke continues to enhance its financial aid program. For instance, now students receiving aid can apply for a grant in lieu of a summer earning requirement in order to take advantage of academic enrichment opportunities. Another factor for the increase in Duke contribution is the change in government funding for education: 20 years ago, federal funds provided 20 percent of the financial aid we distribute; now it's about 8 percent. The nation's economic condition has also played a part, as we find that applicant families in some sectors have less discretionary income than they had in the late '90s.

**5. Why does an undergraduate education at Duke cost so much in the first place?**

Tuition is clearly the greatest source of revenue for a university, but tuition covers only about two-thirds of the cost of an education, so all students, even those whose families can pay full tuition, benefit from the university's ability to invest in the education of each student. We continue to try to balance increases in tuition and fees with the commitment to provide sufficient resources for the outstanding educational programs we offer.

## 6. How does a student apply for financial aid?

Students can find complete information about applying for financial aid when they contact Duke Admissions. Financial aid application forms, including tax records and standardized parent statements, are due with the application in order for awards to be announced along with the admissions decisions. Duke worked a few years ago with a group of 27 peer institutions to establish a standardized approach to assessing a family's need. At Duke, admissions decisions are made "need blind," without regard to whether the student did or didn't apply for financial aid. For the 2004 entering class, 52 percent applied for aid, and 78 percent of those received an offer of aid.

## 7. How does Duke decide how much aid to give in the form of a grant versus a loan? Is there a formula?

As noted earlier, Duke worked with a group of its peers to develop a standardized approach to determining a family's ability to support educational expenses. This agreed-upon analysis considers family income, assets, family size, number in college and other related factors to determine what amount, if any, parents can provide in a given year towards their child's cost of attendance. We ask families to help us individualize this result by providing us with information on any extenuating or unusual circumstances that affect their ability to support educational expenses. The calculated family contribution is subtracted from the cost of attendance to determine each student's demonstrated need. Expressed as a formula it looks like this:

Cost of attendance  
-Family contribution  
=Demonstrated Need

Each student is offered a standardized amount of work and loan (self-help) with grant funds equaling the difference between work and loan funds and the student's demonstrated need. Students with family incomes of \$40,000 or less received more in grants and less in loans. Duke will continue to expect parents and student recipients to partner with the university to pay for college with a combination of job, loan, parental support and grant.

## 8. How does your financial aid system at Duke affect middle-income families?

Our aid determination has been of great benefit to students from middle-income families. About

one-third of the students receiving grant money came from what could be described as middle-income. The median family income for a student qualifying for need-based Duke financial aid was about \$86,000. Under certain circumstances, families with incomes between \$150,000 and \$200,000 qualified.

**9. Some of these family incomes seem high. Why are they getting aid?**

For a high-income family to receive aid, there must be some extenuating circumstances such as the number of children in college, family illness, etc. With a tuition/room/board cost in excess of \$40,000, many families need help to select Duke for their child's education. All families are judged by standard criteria in determining a fair parent contribution level for their child's education.

**10. How are North Carolina students being served?**

North Carolina residents get aid in greater numbers and of a greater size than the general population. About 45 percent of North Carolina students (compared with 40 percent of all undergraduates) get need-based aid, and the average grant is somewhat higher. Duke admits more students from North Carolina than any other state—more than 1000 students from the Carolinas are presently enrolled, and they receive more than \$8 million in grants.

**11. Does Duke give financial aid to international undergraduates?**

Starting in 2002, Duke added scholarships for a limited number of undergraduates.

**12. Does Duke give merit scholarships?**

Yes, Duke has a solid program of merit scholarships including the A.B. Duke and B.N. Duke Scholarships, the Reginaldo Howard Scholarships for minority students, the Robertson and University scholars programs and a handful of selective merit scholarships. Most of these are adequately endowed, and the administration has determined that adding additional merit scholarships is not our need at this time. Many of those students receiving merit awards would also have qualified for need-based financial aid.

\*\* The self-help amount increases each year the student is at Duke. For seniors, the expectation in 04/05 was about \$8,100, including \$6,300 in loans and \$1,800 in work.



ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

### **Daniel Blue, JD '73**

**Former Speaker of the House of Representatives,  
 N.C. General Assembly; attorney**

*"At Duke, I had a sort of epiphany of what the world was about."*

Dan Blue grew up during segregation and Sputnik on a farm in rural Robeson County, North Carolina. He became the first African-American since the Reconstruction era to be elected Speaker of the House in a Southern state. His father worked at a textile mill to make ends meet for his family of seven. "We always had enough to eat, but my parents couldn't set aside money for college," says Blue, who graduated from historically black N.C. Central University with a math degree. Inspired by Bobby Kennedy, Blue decided to work for civil rights by pursuing a law degree at Duke, which gave him the necessary financial aid.

"I felt I'd been sheltered long enough and thought I had the ability to compete on a broader stage," says Blue, who was one of only four black students in the law school. Today Blue is a Duke trustee and helps strengthen the university's financial aid programs. "It was an incredible experience being at Duke with law students, undergraduates, med students and divinity students whose views covered the spectrum politically and philosophically."





ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

**Paul Farmer, T'82, MD, PhD**  
 Physician, humanitarian, MacArthur "genius grant" awardee

*"I owe a great debt to this place. I learned a lot about what I wanted to do in life here."*

One of six children, Paul Farmer grew up in a trailer park in Florida without running water. His mom worked as a grocery store clerk and his parents' combined income did not equal the cost of tuition, room and board at Duke, where he came on full scholarship. "I look back and recognize the experience as I did not then, as a privilege," says Farmer. "I had this vast opportunity to take any course I wanted, work in a lab, work in an emergency room and have teachers and deans who took great interest in the cultivation of the intellect and one's engagement in the world."

While at Duke, Farmer worked to help migrant farm workers. Since then, he has dedicated his life to treating people in some of the poorest countries in the world and is a leader in the fight for health equity in the U.S. and worldwide. His story is the subject of *Mountains Beyond Mountains*, a book by Pulitzer prize-winner Tracy Kidder that was required reading for Duke's 2004 entering class.



ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

**Ana-Maria Benitez Graham, MD '04**  
Pharmacist, physician

*"To us, Duke was almost like a fairy tale."*

Ana-Maria Benitez Graham's parents couldn't read or write, but the Mexican migrant workers nevertheless instilled in their daughter a voracious desire to learn. Although she didn't attend an American school until she was 14 and soon had to drop out to support the struggling family, Graham managed to get her GED, put herself through community college and ultimately finish the University of Texas at Austin's pharmacy program. By the time she realized her true dream was to become a doctor, she was 27, married and expecting her first child. The cost of medical school seemed prohibitive.

"We wanted to go to a place where we wanted to live and that had a good financial aid package," Graham says. Duke fit the bill: a lovely campus, a small class—only 100 students—and grants that would cover 60 percent of financial need, says Graham, now a dermatology resident at the University of North Carolina at Chapel Hill, where she's helping to establish a specialty clinic for people without insurance. She's also passing along her passion for success: "It's my No. 1 goal—to give my children an education."



ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

**Aaron Johnson, T'07**

High school valedictorian, future legal scholar

*"I just wanted a chance to make my own way through school. I'm not asking for easy—just for possible."*

Native New York Stater Aaron Johnson had never been farther south than Pennsylvania, but he was determined to attend college at Duke. The class valedictorian and track-team captain knew the university offered strong academics, especially in the field he is passionate about—political theory. The goal seemed out of reach after his dad lost his job with a fabricating plant in Johnson's hometown, but he applied to Duke anyway—and was accepted under the university's "need-blind" policy, which does not weigh a student's need for financial aid in the admissions process.

Committed to meeting 100 percent of admitted students' demonstrated financial need, Duke is helping Johnson pay the tab with a financial aid package of grants, scholarships, loans and a job. "There was no way I was going to go anywhere else," says Johnson, who's studying with renowned professors like Peter Euben and intends to become a political science professor or a lawyer. "I'd like to argue before the Supreme Court someday."



ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

**Danielle Danae Plattenburg, T '07**  
High school valedictorian, future legal scholar

*"Duke has given me incredible opportunities to explore different paths—and the financial aid has definitely taken a burden off my mom."*

Danae Plattenburg of Sugarland, Texas wanted to go to Duke since she was 12 years old, when she first visited as a student in the Talent Identification Program. Six years later, she set foot on the Duke campus again as a freshman—thanks in part to a Reginald Howard Scholarship and work-study job. "It's definitely taken a burden off my mom," says Danae, whose mother, a nurse coordinator in the public schools, has raised Danae and her two college-bound brothers alone. And Danae hasn't wasted a second of her Duke experience: the pre-med English major performs with Dance Black, writes for a Black Student Alliance publication, works at the Student Health Center, serves as a sexual health peer educator, and recently interned at a college prep school for inner-city children in Pittsburgh—part of Duke's Service Opportunities in Leadership program. Duke is giving her the opportunity to step out of her comfort zone and discover new abilities—such as a talent for teaching, Danae says. "It's sort of all coming together here."



ONE OF THE REASONS  
**DUKE INVESTS IN TALENT.**

**Suzanne Wasiolek, T'76, MS'78, MS'93**  
Dean of Students, Duke University

*"The one thing no one can ever take away from you is a great education."*

Suzanne Wasiolek has made a lasting impact on thousands of lives in her 27 years of counseling and mentoring students. Affectionately known as "Dean Sue," Duke's dean of students and assistant vice president for student affairs was able to attend the university herself thanks to a financial aid package of loans, grants and work.

"I realized from a young age that if I was going to attend college I'd have to find a way to pay for it," says Wasiolek, daughter of a Charlotte, N.C. textile mill worker and a check processor. "So the financial support Duke offered was crucial." And so was the education: It was as a resident assistant at Duke that she discovered her passion for interacting with students—what has become her life's work.



## PRESIDENT'S MESSAGE

**RICHARD H. BRODHEAD**

In last year's annual report—my first at Duke—we focused on the university's historic ties to North Carolina, which have deepened even as Duke has increased its global reach and reputation.

This year's report concentrates on another topic close to my heart—financial aid. As I emphasized in my inaugural speech and in conversations with alumni across the country, strengthening Duke's ability to ensure that all young people with the requisite talent and commitment can afford to come to this place is one of my highest priorities. I trust this is not controversial, but it's worth remembering why it is important.

First, it's a matter of justice. Experiencing an education of Duke's quality is one of the most valuable privileges society affords. It was not so long ago that the doors to the best universities were open to some and closed to others for reasons of race or gender. Today's danger is that outstanding students may be excluded from a high quality education because of their inability to pay the cost.

Second, admitting the most promising students, regardless of family finances, is a crucial investment in society's future. I'm mindful here of the panel discussion that took place on the day of my inauguration. Someone asked the panelists—among the most distinguished minds at Duke—whether any of them had received financial aid when they went to college. Every single one of them said yes: award-winning author Reynolds Price; theologian Stanley Haerwaus; physician Nancy Allen; founding father of the study of African-American history, John Hope Franklin; and coach nonpareil Mike Krzyzewski. We cannot afford to deny current students of comparable promise the

opportunity to develop their abilities through excellent education. When we invest in talent today, we help ensure a dynamic culture and economy for the future.

With its need-blind admissions policy, Duke is among a small number of schools that admit students without regard to their family income and then commit to provide a four-year financial aid package to meet demonstrated financial need. This commitment is backed up by Duke's investment in financial aid—some \$59 million for undergraduates this year alone, an increase of about 7 percent over the prior year. But the comparative youth that gives Duke its wonderful vigor does have a downside, namely that we lack an endowment for financial aid that older schools have accrued through time. This is the time to put permanent support under a permanent mission of the university.

This report spotlights excellence at Duke and in its various schools. It also introduces to you several students and alumni who would not have been able to attend Duke without help. Each of them is making the world a better place. James Buchanan Duke had great ambitions for his university, and a key one was ensuring that the brightest young minds have access to a Duke education regardless of their financial circumstances. That legacy must endure.



## UNIVERSITY REPORTS

**MILESTONES****July 2004**

Men's basketball coach Mike Krzyzewski announces that he has rejected an offer to coach the NBA Los Angeles Lakers, saying, "Duke has always taken up my whole heart."

**August 2004**

Duke makes national news by giving all 1,650 first-year undergraduates an Apple iPod digital sound player to listen to language lessons, recorded lectures, audio books, music and other educational content.

**September 2004**

Duke inaugurates Richard H. Brodhead as the university's ninth president. He pledges to push the university to further greatness and to continue "to mitigate the problem of cost for those who can't pay the full fare" to attend.





**October 2004**

The Palestine Solidarity Movement holds its national conference at Duke. The controversial event proceeds peacefully and prompts Duke students and faculty to examine the Israeli-Palestinian conflict and debate free speech, academic freedom and terrorism throughout the academic year.

**November 2004**

Duke leaders and donors celebrate the opening of the new \$97 million Center for Interdisciplinary Engineering, Medicine and Applied Sciences, or CIEMAS, which more than doubles teaching and research space at the Pratt School of Engineering.

**December 2004**

A major expansion of the School of Nursing gains trustee approval. A new doctoral program and \$22.8-million building aim to raise the school's stature and help address the national shortage of nurses.

**January 2005**

Duke University Medical Center hires the winner of the 2003 Nobel Prize in Chemistry, Peter C. Agre, to guide the development of Duke's biomedical research as vice chancellor for science and technology.

**February 2005**

The Duke-Durham Neighborhood Partnership opens the Walltown Neighborhood Clinic, the second health clinic established to serve low-income Durham residents near Duke's



campus. The partnership operates additional clinics within Durham public schools.

#### March 2005

The Rev. Canon Dr. Samuel Wells, a respected Anglican theologian of ethics and minister to the underprivileged, becomes dean of Duke Chapel. He replaces former dean William H. Willimon, now a United Methodist bishop.



#### April 2005

Duke adopts an institution-wide environmental policy to make the university a national leader in such practices as pollution prevention and eco-friendly purchasing. Construction begins on Duke Smart House, a 4,500-square-foot undergraduate live-in research center to explore energy- and resource-efficient design.



#### May 2005

Trustees approve a new Duke Global Health Research Building, one of four U.S. labs to develop new vaccines, drugs and tests to fight infectious diseases for a Duke-led consortium of universities.



#### June 2005

Students, faculty and administrators break ground for a new West Campus Plaza, which will connect West Union, Flowers, the Bryan Center and Page to create a "living room" for students and a space for outdoor arts performances.



## UNIVERSITY REPORTS

**SUPPORTING DUKE**

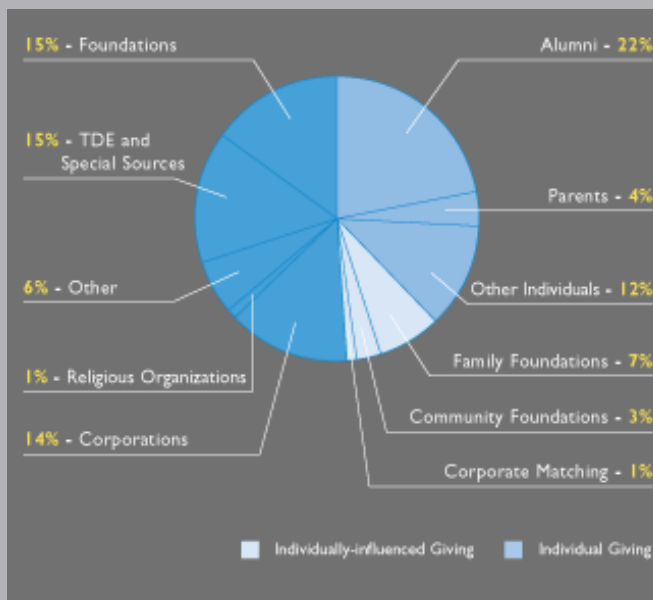
[www.development.duke.edu](http://www.development.duke.edu)

**Major highlights:**

As it prepared to launch its Financial Aid Initiative, a new multi-year fundraising effort to increase financial aid endowment, Duke University raised \$275,815,542 in charitable gifts during the 2004-05 fiscal year. Gifts came from 100,031 donors, 44,938 of them alumni.

The giving total is an approximately \$19 million increase, 7.4 percent, over the previous year, and the third largest annual philanthropic cash total in Duke history.

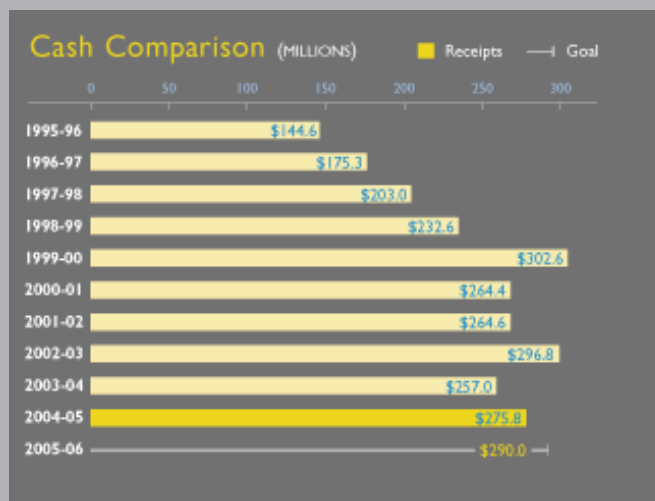
## Gifts by Source



Fundraising efforts were led by Robert S. Shepard, who became Duke's vice president for alumni affairs and development at the start of the fiscal year, and Ellen Medearis, named executive director of development in Fall 2004. Shepard called the year's performance "very encouraging, particularly as we seek to build greater support for Duke's most compelling need—endowment dedicated to produce need-based financial aid for students."

The public announcement of Duke's Financial Aid Initiative came on December 1, 2005, when hundreds of alumni and students met to launch publicly a quest for \$300 million in scholarship endowment over the next three years. The effort quietly began months before its public announcement and by the launch had raised more than a third of the final goal, the majority of which came in The Duke Endowment's record-setting gift of \$75 million in October 2005.

The \$275.8 million raised in 2004-05 represents dollars received during the year, not pledges. Duke's two higher annual philanthropic giving totals came in 2002-03 (\$296.8 million) and 1999-2000 (\$302.6 million).



The Duke Endowment of Charlotte, the charitable trust created by university founder James B. Duke, was the largest single donor, with gifts totaling nearly \$38 million for a variety of purposes, including scholarships and academic and community outreach programs.

Duke's Annual Fund, supported by more than 44,000 alumni, parents and friends, set a new record with \$23.1 million.

Between January 1, 1996, and December 31, 2003, the comprehensive Campaign for Duke raised \$2.36 billion in gifts and pledges. When it ended, it was the fifth largest fundraising campaign in American higher education. Some of the cash gifts of the past year are payments on campaign pledges.



## UNIVERSITY REPORTS FACULTY

### Honors for Distinguished Duke Faculty

The American Academy of Arts and Sciences elected three Duke faculty members as fellows: James Samuel Clark, H.J. Blomquist Professor of Biology; Herbert Edelsbrunner, Arts and Sciences Professor of Computer Science and Mathematics, and Thomas Petes, chair of the Department of Molecular Genetics and Microbiology at Duke University Medical Center. They were among 196 new fellows and 17 new foreign honorary members who are leaders in scholarship, business, the arts and public affairs.

The National Academy of Sciences elected two Duke faculty members among 72 new members: Brigid Hogan, professor and chair of the Medical Center's Department of Cell Biology, and Robert Keohane, then the James B. Duke Professor of Political Science.

John Lester Jackson, assistant professor of cultural anthropology, and Cynthia B. Herrup, professor of history, were chosen as National Humanities Center fellows for the 2005-2006 academic year. Jackson's project will be "Black Judah: Race, Gender, and the Twelve Tribes of Transnationalism." Herrup's is "When Mercy Seasons Justice: Pardons and the Constitution in Early Modern England."

The American Association for the Advancement of Science, the world's largest scientific society and publisher of Science, elected three Duke faculty members as fellows among 308 new members: Philip Benfey, professor and chair of the Department of Biology; Joseph Heitman, James B. Duke Professor of Molecular Genetics and Microbiology; and Miguel Nicolelis, professor of neurobiology.

Michael Ehlers, associate professor of neurobiology, was one of 43 scientists named a Howard Hughes Medical Institute investigator, joining eight other HHMI investigators at Duke.

The Vatican invited Geoffrey Wainwright, professor of Christian theology at Duke Divinity School, to give an address on behalf of the non-Catholic churches of the West to help mark the 40th anniversary of the Second Vatican Council's decree on ecumenism.

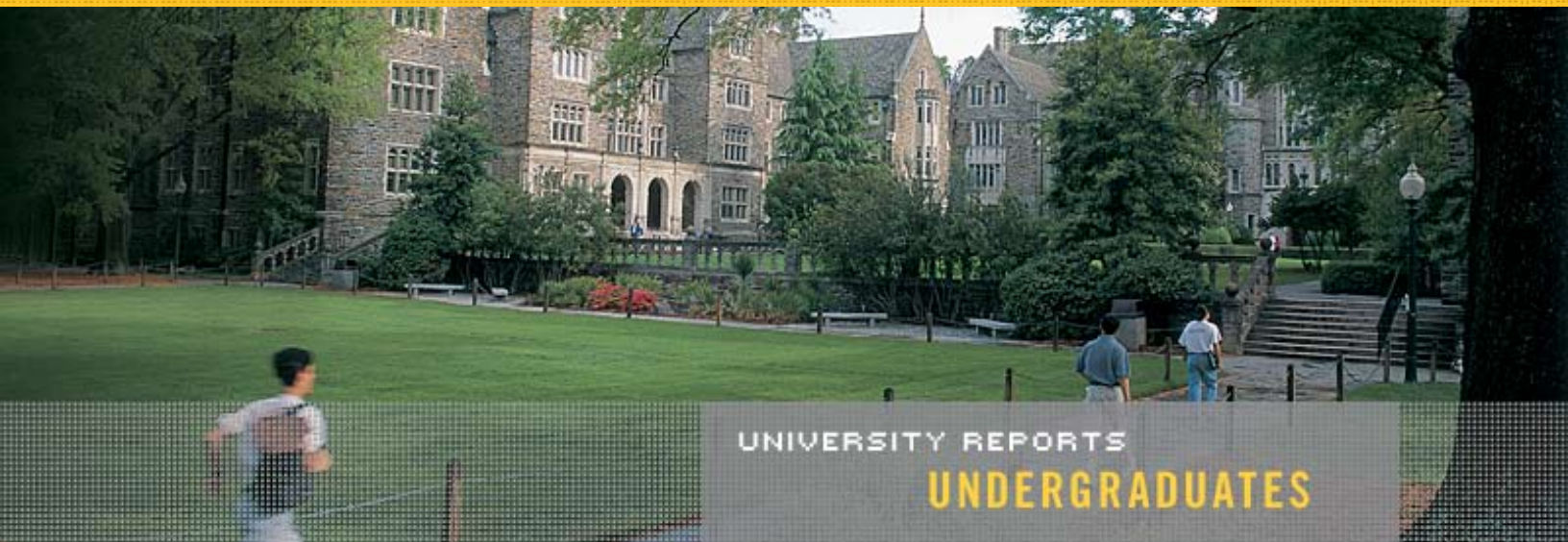
The Society of Women Engineers gave Pratt School of Engineering Dean Kristina Johnson its highest honor, the 2004 SWE Achievement Award, for her outstanding research and teaching on holography, optical and signal processing and liquid crystal electro-optics.

Duke University Health System president and CEO Victor J. Dzau won two separate, prestigious honors for his longstanding international efforts to fight cardiovascular disease: the Golden Door Award and the Max Delbruck Medal.

The Carnegie Corporation of New York named Associate Professor of Religion Ebrahim Moosa a Carnegie Scholar and awarded him one of 16 \$100,000 grants to study the influence of traditional Islamic scholars and the educational institutions over which they preside.

Biochemistry Professor Homme Hellinga's research to engineer proteins and tailor organisms for a variety of tasks won him one of nine inaugural National Institutes of Health Director's Pioneer Awards. The award provides an unrestricted grant of \$500,000 per year for five years "to encourage exceptional researchers and thinkers from multiple disciplines to conduct high-risk, high-impact research related to the improvement of human health."

Sara E. Miller, associate research professor in the Department of Pathology, has been elected president of the Microscopy Society of America (MSA), the world's oldest and largest society for scientists who use microscopes to examine specimens.



## UNIVERSITY REPORTS

**UNDERGRADUATES****By the numbers:**

Duke's impressive Class of 2008 began with 1,369 Trinity College students and 269 Pratt Engineering students selected from a record pool of 16,747 applicants. More than half of applicants were top 10 students in their secondary school and 1,459 were valedictorians. Students of color make up more than one-third of the class, which was 17 percent Asian, 11 percent African-American and six percent Hispanic/Latino. On the SAT, 50 percent of the class scored from 1390 to 1530 out of 1600, with a quarter of the class doing even better than 1530. Fifteen percent of students are from North Carolina, with New York, Florida, Texas and New Jersey rounding out the top five states. The class includes 130 students from 35 foreign countries.

**Selected highlights:**

Twenty Duke undergraduates received 2005-2006 Fulbright Scholarships for post-graduate study and teaching fellowships:

- Nicole Ambrosetti of Dunkirk, N.Y., to teach English as a foreign language in Germany
- Patrick Crosby of S.C., to study engineering in Australia
- Brian Diekman of West Lafayette, Ind., to study engineering in Ireland
- Julia DiPrete of Chicago, Ill., to teach English as a foreign language in Germany
- David Finch of High Point, N.C., to teach English as a foreign language in Argentina



- Kevin Fogg of Richmond, Va., to pursue Southeast Asian studies in Indonesia
- Barry Gewolb of Minneapolis, Minn., to study economics in Uruguay
- Nathan Hodson of Hopewell, Va., to study Near and Middle Eastern politics in Jordan
- Sravan Kakani of Savannah, Ga., to teach English as a foreign language in South Korea
- Daniel Kennedy of Edwards, Calif., to study international relations in Germany
- Yelena Kogan of Gorky, Russia, to study public health in Brazil
- Aneil Lala of Chicago, Ill., to teach English as a foreign language in South Korea
- Jang Lee of N.J., to study filmmaking in China
- Scott Lemmon of Charlotte, N.C., to teach English as a foreign language in Chile
- Michelle Mangan of Arlington Heights, Ill., to study education in Senegal
- Christopher Martin of Columbus, Ind., to study biology in Malawi
- Mrinali Patel of Long Island, N.Y., to teach English as a foreign language in South Korea
- Francesca Pignataro of Bethpage, N.Y., to study physical sciences in Italy
- Cindy Wang of Taiwan, to study international relations in Estonia
- Jessica Ward of Worcester, Mass., to study biology in Botswana

Emily Heikamp of Metairie, La., a senior biology major, won a Marshall Scholarship from the British government for two years of study at Oxford University. Up to 40 U.S. scholars are selected each year, but only an occasional undergraduate.

Three undergraduates won \$7,500-per-year Goldwater Scholarships, recognizing their excellence in science, math or engineering:

- Math and physics major Peter Blair, scholar of how light bends around black holes
- Math and chemistry major Adam Chandler, developer of a mathematical model of how two linguistic dialects can develop in the same region

- Biomedical engineering, physics, and electrical and computer engineering major Billy Hwang, developer of electrical chips to quickly analyze the chemistry of small material samples

Noël Bakhtian, a senior mechanical engineering and physics double major, won a 2005 Winston Churchill Scholarship for graduate study at Cambridge University in England. After her year at Cambridge, Bakhtian plans to pursue a doctorate in aeronautical engineering and then apply to be an astronaut.

Hersh Sandesara, a chemistry/public policy studies double major, won a Truman Scholarship for graduate study in recognition of his exceptional leadership potential and commitment to a career in public service.

The Rockefeller Brothers Fund awarded fellowships to these students of color entering the teaching profession:

- Annick Charlot, a junior public policy studies major from West Palm Beach, Fla.
- Marissa L. McDaniel, a junior biological anthropology and anatomy major from Little Rock, Ark.
- Jennika Suero, a junior sociology major from the Bronx, N.Y.



## UNIVERSITY REPORTS

**ATHLETICS**

[www.goduke.com](http://www.goduke.com)

**Awards and recognition:**

- 2004 all-around ACC Excellence in Athletics Cup
- Six ACC Players of the Year: Ryan Blaum, men's golf; Katie Chrest, women's lacrosse; Monique Currie, women's basketball; Matt Danowski, men's lacrosse; Brittany Lang, women's golf; J.J. Redick, men's basketball
- ACC Offensive Player of the Year: Casey McCluskey, women's soccer
- ACC Defensive Player of the Year: Shelden Williams, men's basketball
- Three National Coaches of the Year: Dan Brooks, women's golf; Rod Myers, men's golf; Mike Pressler, men's lacrosse
- Four ACC Coaches of the Year: Kevin Jermyn, cross country; Kerstin Kimel, women's lacrosse; Rod Myers, men's golf; Mike Pressler, men's lacrosse
- NCAA Post Graduate Scholarship: Michael Hatch, men's track; Stephanie Istvan, volleyball
- All-America selections: 30, 13 of whom had GPAs above 3.2
- All-ACC selections: 45

**Highlights:**

- The women's golf team won its third NCAA championship in Sunriver, Ore. Sophomore Anna Grzebien became the third Blue Devil to win the NCAA Individual Crown.

- Six Duke athletes won individual Atlantic Coast Conference championships: Ryan Blaum, men's golf; Frank Cornely, wrestling; Brittany Lang, women's golf; Sally Meyerhoff, cross country; Shannon Rowbury, track & field; and Liz Wort, track & field.
- Three teams earned No. 1 national rankings during their seasons - women's basketball, women's golf and men's soccer. Six others achieved No. 5 or better: men's basketball (2), field hockey (2), women's lacrosse (2), men's lacrosse (2), men's tennis (4), cross country (5).
- For the 16th consecutive year, Duke led the ACC with 369 Academic Honor Roll honorees, who earned a grade point average of 3.0 or better, and with 12 Academic All-Americans, six in field hockey alone. Duke had the highest academic progress rate in the ACC and third-highest in Division I, with 92 percent of student-athletes graduating—100 percent of football players.
- With six top-five and 11 top-10 finishes, the Blue Devils finished fifth in the 2005 United States Sports Academy Division I Directors' Cup, Duke's best ever.
- The Blue Devils won five ACC tournaments and three ACC regular season titles in men's basketball, women's golf, women's cross country, women's lacrosse and men's golf.
- Fifteen teams competed in NCAA Tournament action with men's lacrosse, women's lacrosse, men's soccer and field hockey teams advancing to Final Fours. Women's cross country, field hockey and men's lacrosse were runners-up.

**Appointment:**

- Dan Colella, head swimming & diving coach



## UNIVERSITY REPORTS LIBRARIES

[www.library.duke.edu](http://www.library.duke.edu)

### By the numbers:

- Books in combined collections: 5.4 million
- Manuscripts: 17.7 million
- Public documents 1.2 million
- Electronic journals: More than 30,000

### Highlights:

- Deborah Jakubs began as Rita DiGiallonardo University Librarian and vice provost for library affairs in January.
- The library's Center for Instructional Technology led implementation of the university's iPod program for first-year students.
- The library and Duke's African and African American Studies Program co-funded the new John Hope Franklin Scholars Program to help underachieving high school students prepare for college.
- Duke reference librarians used online chat software to offer 24/7 assistance to students, and usage increased 86 percent.



CIT director Lynne O'Brien (c) and two of her staff, ready to distribute iPods to first-year students. Photo at top of previous page: Construction continued on the new Bostock Library during 2004-2005.

#### **Awards and recognition:**

- The Library of Congress named a film in the library's collection to the National Film Registry. It was one of just 25 selected in 2004. Itinerant North Carolina filmmaker H. Lee Waters shot Kannapolis, N.C., in 1941 to document daily life in the town.

#### **Faculty and staff appointments:**

- Andrew Armacost, collection development librarian, Rare Book, Manuscript and Special Collections Library
- Jean Ferguson, reference librarian and coordinator, Virtual Reference Services
- Kirk Griffin, academic technology consultant, Center for Instructional Technology
- Tina Kirkham, manager, Digital Production Center

#### **Major gifts:**

- The Duke Endowment
- Gretchen and Ed Fish
- Ed and Deborah Horowitz
- Karl and Mary Ellen von der Heyden
- Total including other gifts: nearly \$7 million

## UNIVERSITY REPORTS

## APPOINTMENTS

Catherine Lynch Gilliss succeeded Mary Champagne as dean of the School of Nursing, with the added title of vice chancellor for nursing affairs in the Duke University Health System, effective October 1, 2004. Dean Gilliss (Nursing '71) came to Duke from Yale University, where she had been a professor and dean.



Deborah Jakubs, director of collections services for Duke University's Perkins System Libraries, was selected to become the Rita DiGiallonardo Holloway University Librarian and vice provost for library affairs on January 4, 2005. She succeeded David S. Ferriero, who in September 2004 became the Andrew W. Mellon Director and chief executive of the research libraries at the New York Public Library.



Bruce Kuniholm, a professor of public policy studies and history, became director of the Terry Sanford Institute of Public Policy and chair of the Department of Public Policy Studies on July 1, 2005. He succeeded Bruce Jentleson, who announced in February that he was stepping down as director (remaining a member of the Duke faculty).



Ellen Medearis, former director of leadership and major gifts, became executive director of university development on October 4, 2004, succeeding Robert Shepard in the responsibility he carried during The Campaign for Duke.



Benjamin D. Reese Jr., who was serving as Duke University's vice president for institutional equity on an interim basis, was selected in January 2005 by President Richard H. Brodhead to remain as the institution's leader of efforts to promote diversity and foster equal opportunity within both the university and the health system.



Kimerly Rorschach, inaugural director of the Nasher Museum of Art, started on July 1, 2004. She came to Duke from the Smart Museum of Art at the University of Chicago. The Nasher, which opened in October 2005, is a new cornerstone in Duke's commitment to support the arts on campus and in the Raleigh-Durham community.



On July 1, 2004, Robert S. Shepard took over as vice president for alumni affairs and development. Shepard succeeded John Piva, who had served as Duke's senior development officer since 1982 and led the highly successful \$297 million Campaign for Duke.



The Rev. Canon Dr. Samuel Wells, Priest-in-Charge of St. Mark's Church in Cambridge, England, was named dean of Duke Chapel in March 2005. Wells succeeded the Rev. William H. Willimon, who stepped down in August 2004 to assume leadership of the North Alabama Conference of the United Methodist Church as a newly elected bishop.



Sterly Wilder T'83 became the new executive director of alumni affairs on January 1, 2005, when Laney Funderburk retired after serving more than two decades as the leader of Duke's alumni programs.





Three new members of the Duke University Board of Trustees began their terms on July 1, 2004: David Gergen, of Cambridge MA, professor of public service at Harvard University and director of the Center for Public Leadership at Harvard's John F. Kennedy School of Government and editor-at-large at U.S. News & World Report; Kathryn A. Laidlaw T' 04 of Katy, Texas, a young trustee; and William P. Miller T' 77 of Greensboro, NC, president of the Duke Alumni Association.



Gergen



Laidlaw



Miller



UNIVERSITY REPORTS  
**LEADERS**

**2004-2005 Duke University Administration**  
(As of July 1, 2004)

Richard H. Brodhead, President

Victor J. Dzau, Chancellor for Health Affairs; and  
President and Chief Executive Officer, Duke University  
Health System, Inc.

Peter Lange, Provost

Thruston B. Morton III, President of Duke Manage-  
ment Company

Tallman Trask III, Executive Vice President

David B. Adcock, University Counsel

Peter C. Agre, Vice Chancellor for Science  
and Technology

Joseph L. Alleva, Director of Athletics

John F. Burness, Senior Vice President for Public Af-  
fairs and Government Relations

H. Clint Davidson, Jr., Vice President for  
Human Resources

Kemel Dawkins, Vice President for Campus Services

William J. Donelan, Vice Chancellor for Health Affairs  
and Executive Vice President/Chief Operating Officer,  
Duke University Health System, Inc.

Tracy Futhey, Vice President for Information Technol-  
ogy and Chief Information Officer

Catherine Lynch Gilliss, Vice Chancellor for Nursing Affairs and Dean of the School of Nursing

N. Allison Haltom, Vice President and University Secretary

B. Hofler Milam, Vice President for Financial Services

Larry Moneta, Vice President for Student Affairs

Molly K. O'Neill, Vice President for Business Development, Duke University Health System, Inc.; Chief Strategic Planning Officer; and Vice Chancellor for Medical Center Integrated Planning

Benjamin D. Reese, Jr., Vice President for Institutional Equity

James S. Roberts, Executive Vice Provost for Finance and Administration

Steven A. Rum, Vice Chancellor for Development and Alumni Affairs

Robert S. Shepard, Vice President for Alumni Affairs and Development

Robert L. Taber, Vice Chancellor for Corporate and Venture Development

Huntington F. Willard, Director of the Institute for Genome Sciences and Policy and Vice Chancellor for Genome Sciences

Gordon D. Williams, Vice Chancellor for Operations, Duke University Medical Center; Vice Dean for Administration and Finance, School of Medicine; and Vice President for Administration, Duke University Health System, Inc.

R. Sanders Williams, Vice Chancellor for Academic Affairs and Dean of the School of Medicine

#### **2004-2005 Board of Trustees**

Peter M. Nicholas, Chair (1993-2005)

Richard H. Brodhead, President, ex officio

Robert King Steel, Vice-Chair (1996-2009)

Anne T. Bass (2003-2009)

Daniel Terry Blue, Jr. (1995-2005)

Edward G. Bowen (1999-2005)

Paula Phillips Burger (2000-2007)

Paula H. Crown (2003-2009)

Christine M. Durham (1994-2009)

Sara R. Elrod (2003-2005)

Frank E. Emory, Jr. (1998-2009)

J. Rex Fuqua (1993-2005)

James Rapheal Gavin III (2000-2009)

David Gergen (2004-2005)

Kimberly J. Jenkins (2001-2007)

Bruce A. Karsh (2003-2009)  
 Rebecca Trent Kirkland (1995-2007)  
 J. J. Kiser III (1998-2005)  
 Carol Louise Anspach Kohn (1997-2009)  
 John J. Mack (1997-2005)  
 Ernest Mario (1989-2007)  
 J. Lawrence McCleskey (2003-2005)  
 Nancy A. Nasher (1999-2005)  
 Clarence G. Newsome (2002-2007)  
 Andrew C. Nurkin (2004-2006)  
 Uwe E. Reinhardt (2001-2007)  
 Robert Coleman Richardson (1997-2009)  
 Michele M. Sales (2004-2005)  
 Charles M. Smith (1998-2007)  
 Susan M. Stalnecker (2003-2009)  
 James L. Vincent (1994-2009)  
 Karl M. von der Heyden (1995-2005)  
 G. Richard Wagoner, Jr. (2001-2007)  
 Lewis T. Williams (2001-2007)  
 Gary L. Wilson (1993-2005)

#### 2004-2005 Board of Trustees Emeriti

Samuel H. Barnes (1989-2001)  
 Philip Jackson Baugh (1981-1993)  
 Edward H. Benenson (1979-1985)  
 Roy J. Bostock (1991-2003)  
 Werner C. Brown (1973-1985)  
 John Wesley Chandler (1985-1994)  
 Samuel DuBois Cook (1981-1993)  
 Isobel Craven Drill (1973-1986)  
 Anthony Drexel Duke (1976-1989)  
 Julie Campbell Esrey (1987-1999)  
 John A. Forlines, Jr. (1974-1975; 1976-1988)  
 John Brooks Fuqua (1974-1987)  
 Nathan T. Garrett (1977-1989)  
 George V. Grune (1987-1997)  
 C. Howard Hardesty, Jr. (1974-1985)  
 Paul Hardin (1969-1974; 1995-2001)  
 Margaret Adams Harris (1975-1987)  
 Milledge A. Hart III (1983-1991)  
 Benjamin D. Holloway (1985-1995)  
 Edwin L. Jones, Jr. (1970-1981)  
 Wallace H. Kirby (1973-1989)  
 John A. Koskinen (1985-1997)  
 William A. Lane, Jr. (1983-1994)  
 George C. McGhee (1962-1977)  
 John Alexander McMahan, Chairman Emeritus  
 (1970-1983)  
 Carlton P. Minnick, Jr. (1989-1998)  
 William H. Muller, Jr. (1974-1987)  
 Raymond D. Nasher (1968-1979)  
 Eugene C. Patterson (1988-1994)  
 Elizabeth Brooks Reid (1981-1993)  
 Wilhelmina M. Reuben-Cooke (1989-2001)  
 George P. Robinson (1993-2003)

Sally Dalton Robinson (1995-2004)  
Mary D. B. T. Semans (1961-1981)  
Truman T. Semans (1993-1997)  
Dorothy Lewis Simpson (1982-1995)  
Lanty L. Smith (1997-2003)  
Kay Goodman Stern (1977-1989)  
Thomas B. Stockton (1981-1993)  
Randall L. Tobias (1986-2000)  
Daniel C. Tosteson (1987-1995)  
Thaddeus B. Wester (1983-1995)  
A. Morris Williams, Jr. (1989-2001)  
Neil Williams (1980-1993)  
Judy Woodruff (1985-1997)  
Harold L. Yoh, Jr. (1991-2003)  
Kenneth G. Younger, Jr. (1985-1995)



## SCHOOL REPORTS

**ARTS & SCIENCES****Arts & Sciences and Trinity College**

[www.aas.duke.edu](http://www.aas.duke.edu)

**By the numbers:**

- 5,308 students from 50 states and 58 countries: 13 percent Asian/Pacific Islander, 12 percent African-American, 8 percent Hispanic/Latino/Latina, 7 percent international
- 593 faculty members: 27 percent women, 19 percent ethnic or racial minorities

**Highlights:**

- Every member of the class of 2008 got an Apple iPod, and professors used the technology to teach in innovative ways.
- Eighteen first-year undergraduate women formed the inaugural class of the Baldwin Scholars Program, which trains them as leaders to expand possibilities for women within Duke's campus culture.
- The popular FOCUS seminar program reached past first-years' fall semester with "Exploring the Mind 2" for both first-years and sophomores.
- The student ticket price for most arts events dropped to \$5, part of an emphasis on arts and culture.

**Awards and recognition:**

- Herbert Edelsbrunner, Arts & Sciences Professor of Computer Science and Mathematics, elected to the American Academy of Arts and Sciences.

- Robert Keohane, former James B. Duke Professor of Political Science, elected to the National Academy of Sciences.
- Emily Heikamp T'05, Marshall Scholarship.
- Juniors Peter Q. Blair, Adam Chandler, and William Hwang, Goldwater Scholarships.
- Hersh Sandesara T'06, Truman Scholarship.

#### **Faculty and staff appointments:**

- Bruce Kuniholm, director of the Sanford Institute of Public Policy
- Ann Sundberg, director Arts & Sciences Development; Robert Wright, senior major gifts director; Ty Harrell, associate director
- Michele A. Rasmussen G'99, assistant dean of Trinity College and director of the Pre-Major Advising Center
- Lynn White, assistant dean for the Pre-Major Advising Center
- Denise K. Comer, director of Writing 20 in the University Writing Program

#### **Major gifts:**

- William Gross T'66 and Sue Gross, \$15 million for undergraduate scholarships
- The Duke Endowment, \$14.99 million to expand the FOCUS Program and increase undergraduate research opportunities
- Dr. Harold J. Brody T'70, \$240,000 to renovate the Branson Theater

## SCHOOL REPORTS

**BUSINESS****The Fuqua School of Business**[www.fuqua.duke.edu](http://www.fuqua.duke.edu)**By the numbers:**

- 794 daytime MBA students
- 557 executive MBA students
- 175 non-degree executive education participants
- 98 tenure track faculty

**Highlights:**

- The Duke Goethe Executive MBA program launched in partnership with Frankfurt University's Goethe Business School.
- The Fuqua/Coach K Center of Leadership & Ethics established the Michael Krzyzewski University Professorship in Leadership in honor of Duke basketball coach Mike Krzyzewski.
- Fuqua hosted a U.S. business internship program for 22 Middle Eastern women.

**Awards and recognition:**

- Professor Jim Smith, Bank of America Faculty Award, the school's highest faculty honor
- Finance professor Campbell Harvey, panelist at the World Economic Forum in Davos, Switzerland

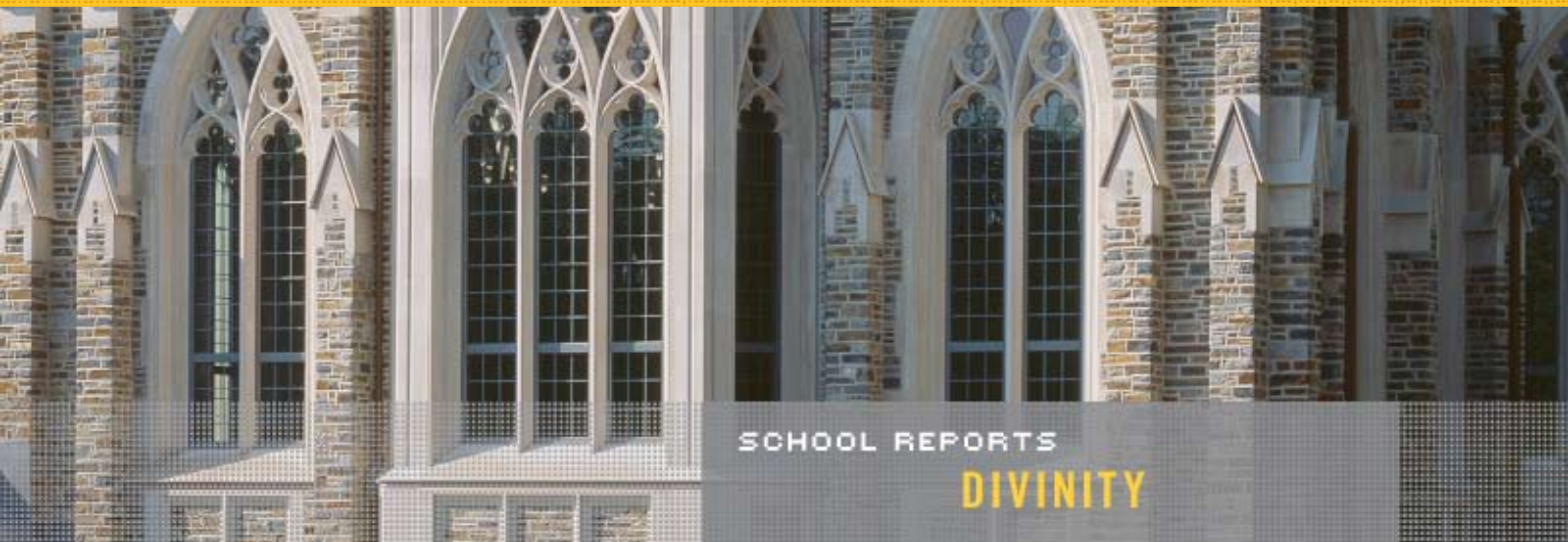
**Faculty and staff appointments:**

- Douglas T. Breeden, second five-year term as dean
- Professor Christine Moorman, Distinguished T. Austin Finch Sr. Professorship of Business Administration



**Major gifts:**

- \$2 million from William H. (T'66) and Sue J. Gross, to establish the William and Sue Gross Research Fellows Endowment
- \$1 million pledge from Bank of America, to establish The Bank of America Professorship of Finance Endowment Fund
- \$1 million pledge from Wachovia Corp., \$250,000 to support the Center of Leadership and Ethics (COLE) and \$250,000 to support the Center for the Advancement of Social Entrepreneurship (CASE)
- \$250,000 from Roy J. (T'62) and Merilee H. (W'62) Bostock, Rex D. Adams Professorship Endowment
- \$250,000 from The Atlantic Philanthropies, CASE
- \$250,000 from Teradata, a division of NCR Corp., Teradata Center for Customer Relationship Management



## SCHOOL REPORTS

## DIVINITY

**Duke Divinity School**

[www.divinity.duke.edu](http://www.divinity.duke.edu)

**By the numbers:**

- 527 students from 35 states and eight foreign countries
- 49 faculty

**Highlights:**

- Pictured at top of page: The school's 53,000-square-foot addition and renovation, including the Westbrook Building and Goodson Chapel, finished spring semester.
- The school expanded promotion of innovative pastoral leadership and pastoral excellence with a \$6.7 million Lilly Endowment Inc. grant.
- The Duke Institute on Care at the End of Life held public conversations on campus and in Chapel Hill to discuss the Terri Schiavo case and living wills.
- A conference on ecologically sound religious buildings, "Holy & Beautiful: Greening Sacred Spaces," drew 125 from across the region.
- The school expanded international ministry and education with the first Visiting Teacher's Program at Renk Bible College in Sudan; a series of Pilgrimages of Pain and Hope in South Africa, Rwanda and Uganda; and continuing individual ministries worldwide.
- Gifts totaled nearly \$17 million during the fiscal year.



The Rev. Susan Pendleton Jones celebrates Eucharist at Closing Convocation in Goodson Chapel.

#### **Awards and recognition:**

- Ellen Davis, professor of Bible and practical theology, and Richard Hays, George Washington Ivey Professor of New Testament and Academy of Parish Clergy, 2004 Top Ten Books of the Year for co-editing "The Art of Reading Scripture"
- Amy Laura Hall, assistant professor of theological ethics, residence fellowship to St. Deiniol's Library, Wales
- W. Joseph Mann, adjunct professor in parish work and director of the rural church division of the Duke Endowment, Distinguished Service Award, N.C. Council of Churches
- Richard Payne, director of the Duke Institute on Care at the End of Life, Pioneer Award, Operation Rainbow/PUSH

#### **Faculty and staff appointments:**

- Randy Maddox of Seattle Pacific University—professor of theology and Wesleyan studies
- L. Edward Phillips of Garrett Evangelical Theological Seminary—associate professor of the practice of Christian Worship
- Jo Bailey Wells, former dean of Clare College, Cambridge, England—associate professor of the practice of Christian ministry and Bible and director of Anglican studies
- Sam Wells, former Priest-in-Charge of St. Mark's Church in Cambridge, England—research professor of Christian Ethics in the divinity school and dean of Duke Chapel
- Tammy Williams, former lecturing fellow—assistant professor of theology and black church studies



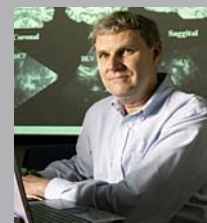
SCHOOL REPORTS

**ENGINEERING****Pratt School of Engineering**[www.pratt.duke.edu](http://www.pratt.duke.edu)**By the numbers:**

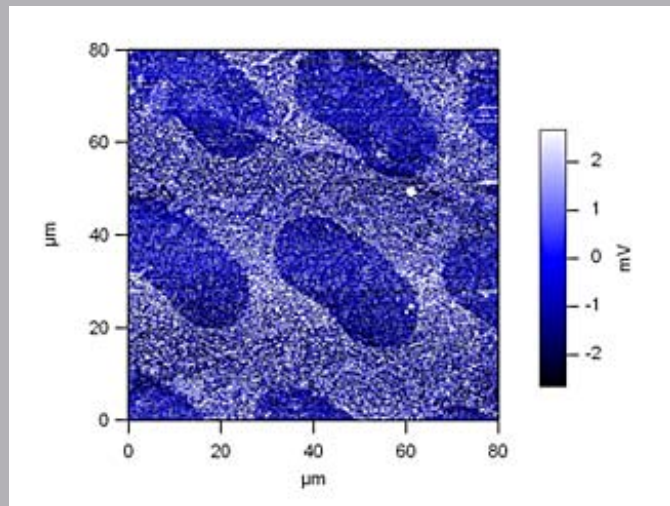
- 95 tenured faculty
- 77 postdoctoral fellows
- 975 undergraduate students
- 425 graduate students

**Highlights:**

- The school broke ground April 21 on the Duke Smart House—a 4,500-square-foot undergraduate live-in engineering research lab.
- New blood vessels can be grown from people's own cells, Laura Niklason, associate professor of biomedical engineering, demonstrated in the June 18, 2005, *Lancet*, a finding that could benefit adults with cardiovascular disease.
- Warren M. Grill, associate professor of biomedical engineering, won more than \$2 million in funding from the National Institutes of Health and the Paralyzed Veterans of America to develop a bladder pacemaker for people with spinal cord injuries.
- Gifts totaled nearly \$17 million during the fiscal year.
- A biomedical engineering team led by Professor Stephen Smith conducted the first high-speed, real-time, three-dimensional ultrasound imaging scans of the brain, which



could make it easier to determine the risk of a stroke and to evaluate partially obstructed blood vessels after a stroke.



- Duke engineers are developing a new tool for micron/nano-scale manufacturing—tiny, reusable stamps with enzymes or proteins bound to the raised features as “ink.” The technique offers the potential to create complex, multi-layered structures. Professors Rob Clark and Eric Toone lead the team, which included graduate students Matt Johannes, Briana Vogen, and Phil Snyder.



- The Pratt School of Engineering buys a new Bell JetRanger helicopter, giving the university and nation a new research platform. The aircraft carries sensors that help scientists study environmental phenomena such as the effects of carbon dioxide emissions from cars and factories.

**Awards and recognition:**

- Leslie Collins, associate professor of electrical and computer engineering, Capers and Marion McDonald Award for Excellence in Teaching and Research
- Laurence Bohs, assistant research professor, Lois and John L. Imhoff Distinguished Teaching Award
- Donald Bliss, associate professor of mechanical engineering, Klein Family Distinguished Teaching Award
- Michael Gustafson, lecturer of electrical and computer engineering, Capers and Marion McDonald Award for Excellence in Mentoring and Advising
- Ashutosh Chilkoti, associate professor biomedical engineering, Stansell Family Distinguished Research Award; recognized by Science as a Top Principal Investigator for postdoctoral mentoring
- Monty Reichert, professor of biomedical engineering, Catalyst for Institutional Change Award of the Quality Education for Minorities (QEM) Network; Duke University Graduate School's Dean's Award for Excellence in Mentoring

**Faculty and staff appointments:**

- Aura Gimm, assistant professor of the practice, biomedical engineering
- Robert Malkin, professor of the practice, biomedical engineering
- Nirmala Ramanujan, visiting associate professor, biomedical engineering
- Jing Dong Tian, assistant professor, biomedical engineering
- Rebecca Willett, assistant professor, electrical and computer engineering
- Ben Yellen, assistant professor, mechanical engineering and materials science
- Lingchong You, assistant professor, biomedical engineering
- Pei Zhong, associate professor, mechanical engineering and materials science

SCHOOL REPORTS

**ENVIRONMENT****Nicholas School of the Environment  
and Earth Sciences**[www.nicholas.duke.edu](http://www.nicholas.duke.edu)**By the numbers:**

- 220 Master of Environment Management/Master of Forestry students
- 112 doctoral students
- More than 800 Duke undergraduates served
- More data at  
<http://www.nicholas.duke.edu/about/facts.html>

**Highlights:**

- Timothy Profeta, counsel for the environment to U.S. Sen. Joseph Lieberman, became director of the new Nicholas Institute for Environmental Policy Solutions. William K. Reilly, U.S. Environmental Protection Agency administrator under 41st President George H.W. Bush and CEO of Aqua International Partners, will serve as senior adviser.



Timothy Profeta

- Eight U.S. environmental professionals enrolled as the first students of the school's Duke Environmental Leadership program, a master's program in environmental management via both distance and on-campus study.

- The school formed a research partnership with the Duke Comprehensive Cancer Center to explore links between cancer and the environment.
- A series of Nicholas School environmental advertisements that ran on the New York Times op-ed pages gave the school unprecedented national exposure and helped introduce the Nicholas Institute.

**Awards and recognition:**

- James S. Clark, H.L. Blomquist Professor of Biology, elected a Fellow of the American Academy of Arts and Sciences
- Randall L. Kramer, professor of resource and environmental economics, 2004 University Scholar/Teacher of the Year Award

**Faculty and staff appointments:**

- William H. Schlesinger, dean of the Nicholas School since 2001, a second five-year term
- Lori Snyder Benneer, assistant professor of environmental economics and policy

**Major gifts:**

- Jeffrey and Martha Gendell of Greenwich, Conn., \$2.9 million (with matching funds) to support an expanded curriculum in energy studies
- LaDane Williams of Shallotte, N.C., \$2 million unrestricted gift (with matching funds) to name the Environmental Health wing of the Levine Science Research Center
- Gordon and Betty Moore Foundation, \$3 million to assess the global impact of fisheries bycatch on declining populations of seabirds, sea turtles and marine mammals





SCHOOL REPORTS

**GRADUATE****Graduate School**[www.gradschool.duke.edu](http://www.gradschool.duke.edu)**By the numbers:**

Class entering in fall 2005:

- Applications: 7,500
- Students admitted: 416, the largest class in school history
- Selectivity rate for all students: 20 percent
- Selectivity rate for Ph.D. students: 15 percent
- Foreign students: 30 percent
- Number of African-American students: 34, second highest in a decade
- Multi-year statistics

**Highlights:**

- Dean Lewis M. Siegel became chair of the board of the Council of Graduate Schools and of the research committee of the Graduate Record Examination.
- The school participated in Council of Graduate Schools projects concerning the responsible conduct of research training and Ph.D. completion.
- Five doctoral programs (Chemistry, English, Mathematics, History and Psychological and Brain Sciences) continued their work with the Carnegie Initiative on the Doctorate.

- Duke was a select institution in a pilot program to help establish the recommended “cut scores” for the new Test of English as a Foreign Language (TOEFL), to be phased in internationally in fall 2005.
- The Student Affairs Office developed a new Hooding Ceremony, held for the first time in the Graduate School’s history for some 1,200 students, faculty and family during the May 2005 Commencement.
- The school launched new Ph.D. programs in nursing, medical physics, and public policy and a new interdisciplinary certificate program in the philosophy of biology.
- Personal development opportunities abounded, including the Preparing Future Faculty program workshops on the Instructional Uses of Technology and Responsible Conduct of Research Training, and further centralization of Pathways to the Professorate.
- The school created a video CD to showcase what is distinctive about graduate education at Duke for prospective applicants, alumni and potential donors.

**Awards and recognition:**

- Associate Dean Jacqueline Looney, GPSC Administrator of the Year Award
- Monty Reichert and Alex Rosenberg, Dean’s Award for Mentoring



## SCHOOL REPORTS

## LAW

**Law School**

[www.law.duke.edu](http://www.law.duke.edu)

**Highlights:**

- Professor Curtis Bradley joined the faculty from University of Virginia Law School. His teaching and scholarship focus on the intersection of domestic and constitutional law and foreign relations and international law. The school appointed other outstanding faculty in science and technology law, constitutional law, and international and comparative law.
- A 30,000-square-foot wing opened to house faculty offices, student law journals and clinical programs.
- Showcasing unparalleled strength in national security, foreign affairs and global terrorism legal issues, the Program in Public Law and the Center on Law, Ethics and National Security hosted these guest speakers: 9/11 Commissioner Jamie Gorelick; Guantanamo Bay prisoner defense head Air Force Colonel Will Gunn; Georgetown Law Professor Neal Katyal; ACLU President Nadine Strossen; Deputy Attorney General James Covey; and Israeli Ambassador to the United States Daniel Ayalon.



Deputy Attorney General James Covey

- Conferences explored important national and global issues, including "Interrogation, Detention and the Powers of the Executive" and "Strategies for the War on Terrorism." A student-initiated counter-terrorism conference featured top officials including the head of the Department of Homeland Security's Transportation Safety Commission and the head of Immigration and Customs Enforcement. The school also held its second annual training conference on national security and terrorism for federal judges.
- Faculty members Walter Dellinger and Erwin Chemerinsky argued cases before the U.S. Supreme Court. Dellinger successfully represented petitioner Roderick Jackson in Jackson v. Birmingham Board of Education, Dellinger's 18th appearance before the court. Chemerinsky argued two cases, the Texas Ten Commandments case and one involving permanent injunctions and the First Amendment.
- U.S. Supreme Court Justice Ruth Bader Ginsburg spoke at the school on 'Great Lives in the Law' in a lecture series that also included Duke emeritus historian John Hope Franklin.



Walter Dellinger, a Duke law professor, interviews U.S. Supreme Court Justice Ruth Bader Ginsburg

#### **Awards and recognition:**

- Law School, American Bar Association Gambrell Award for Professionalism
- Guardian ad Litem program, North Carolina Bar Association Outstanding Law Student Pro Bono Award
- Profesor Erwin Chemerinsky, Top 20 Legal Thinker by Legal Affairs reader poll

## SCHOOL REPORTS

**MEDICINE****School of Medicine  
and Allied Health Programs**[www.medschool.duke.edu](http://www.medschool.duke.edu)**By the numbers:**

Students:

- School of Medicine: 467
- PhD Programs in Basic Sciences: 771
- Allied Health Programs:
  - o Physical Therapy: 110
  - o Physician Assistant: 91
  - o Pathologist's Assistant: 12
  - o Clinical Leadership Program (MHS degree): 9
  - o Clinical Research Program (MHS degree): 68
  - o Clinical Pastoral Education: 24
  - o Ophthalmic Medical Technology: 7

Graduate Medical Education: 832 (approximately 80 percent residents, 20 percent fellows)

Faculty: 1,509 (including 869 with MDs, 529 with PhDs, 111 with MD-PhDs)

**Highlights:**

- The medical school ranked #6 in the nation in research funding from the National Institutes of Health in FY2004, and also ranked #6 in the 2005 *U.S. News & World Report* ranking of American medical schools.

- In April 2005, officials from Duke and the National University of Singapore signed an agreement under which the two institutions will partner to establish a new graduate medical school in Singapore.
- Furthering Duke's commitment to improve global health, the medical school was awarded \$4 million in the first NIH grant for study of AIDS co-infections in Tanzania, and also received \$6.5 million to establish the Hubert-Yeargan Center for Global Health. Locally, Duke and community partners opened the Walltown Neighborhood Clinic to improve health care in a low-income neighborhood near campus.
- Faculty continued to advance scientific knowledge through notable discoveries such as a gene variant that increases the risk of age-related macular degeneration and a potential new drug that inhibits destructive cell signals that drive the growth of one-third of all cancers.
- Duke physician-scientists also worked to translate scientific concepts into practical advances—in one notable study, proving that new human blood vessels can be grown from cells of elderly heart patients in need of bypasses—and reported results of several landmark clinical trials, including a study showing that infants with the formerly fatal Krabbe disease can be saved through stem-cell transplants.

#### **Awards and recognition:**

Samuel L. Katz, MD, chair emeritus of pediatrics, received the University Medal for Distinguished Meritorious Service at Duke.

Biochemistry professor Homme Hellinga, PhD, received the NIH Pioneer Award.

Chancellor for Health Affairs Victor J. Dzau, MD, received the 2004 Max Delbruck Medal and was also named a Distinguished Scientist of the American Heart Association.

Neurobiologist Michael Ehlers, MD, PhD, was named a Howard Hughes Medical Investigator.

Brigid Hogan, PhD, chair of Cell Biology, was elected to the National Academy of Sciences.

#### **Appointments:**

Molly O'Neill was appointed vice chancellor for medical center integrated planning and chief strategic planning officer and vice president for business development for the Duke University Health System.

Geoffrey Ginsburg, MD, was named director of genomic medicine and David Goldstein, PhD, was named director of the Center for Population Genomics and Pharmacogenomics within Duke's Institute for Genome Sciences & Policy.

New division chiefs appointed included Judd Moul, MD, urology; Paul Kuo, MD, general surgery; and Eric DeMaria, MD, endosurgery.

**Major gifts:**

\$10 million from John and Christy Mack of Rye, N.Y. for the Center for Integrative Medicine on Duke's Center for Living Campus.

\$5 million from Dr. and Mrs. George W. Brumley, Jr., of the Zeist Foundation for establishment of the Jean and George Brumley, Jr., and George Brumley, Jr. Professorships in Developmental Biology, and for research at the Duke Neonatal-Perinatal Research Institute.

\$5 million from Mr. and Mrs. William H. Gross of Laguna Beach, Calif., for the William and Sue Gross Medical School Scholarship Fund.

\$2.5 million from Dr. Richard N. Hubert of Atlanta, Ga., and \$1.2 million from Mr. Sherman A. Yeargan, Jr., and Ms. Rowann Yeargan of Garner, N.C., to establish the Hubert-Yeargan Center for Global Health.

\$2 million from Dr. and Mrs. James P. Gills, Jr., of Tarpon Springs, Fla. for the James P. Gills, Jr. Annuity Fund—a research endowment in ophthalmology at the Albert Eye Research Institute.

\$2 million from the Robert C. Atkins Foundation of Jenkintown, Pa. to establish the Robert C. and Veronica Atkins Professorship and fund research, clinical care, and education in nutrition and metabolism.

\$2 million from Leonard and Tobee Kaplan of Greensboro, N.C. to establish two funds named in their honor—a distinguished university professorship in computational medicine, and a research fund for personalized health planning.

\$1.73 million from the Children's Miracle Network of Salt Lake City, Utah, for the McGovern-Davison Children's Health Center at Duke.

\$1.5 million from Durham developer Gary M. Hock for the Gary M. Hock Professorship in Global Health.

\$1.5 million from Mr. and Mrs. Michael I. Wilkins of Berkely, Calif., for the Robert H. and Gloria Wilkins Professorship in Neurosurgery.

\$1.25 million from the National Marrow Donor Program of Minneapolis, Minn., to establish the National Marrow Donor Program Grant at Duke.

\$1 million from Bill and Peggy Britt of Chapel Hill, N.C., to advance the potential of stem cell research for the benefit of humans.

\$1 million from Disque D. Deane of Boston, Mass., to establish the Disque D. Dean Distinguished University Professorship in Neuroscience.

\$1 million from Accelerate Brain Cancer Cure, Inc. of Washington, D.C. to establish the Accelerate Brain Cancer Cure Award at the Duke Comprehensive Cancer Center.





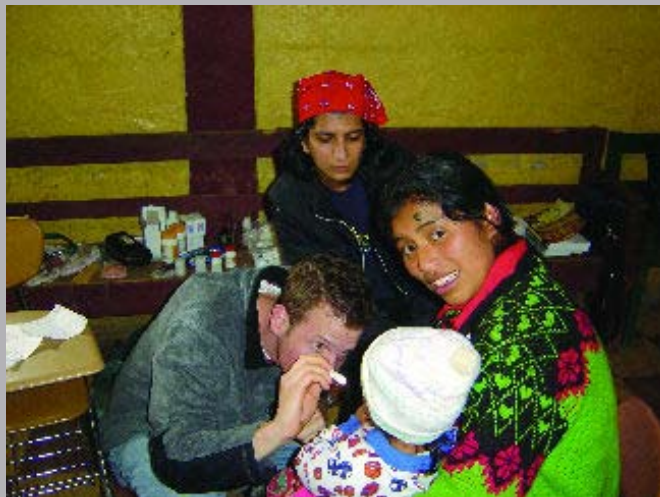
## SCHOOL REPORTS

**NURSING****School of Nursing**

[www.nursing.duke.edu](http://www.nursing.duke.edu)

**Highlights:**

- Catherine Lynch Gilliss, BSN'71, DNSc, RN, FAAN, became the school's 10th dean and vice chancellor for nursing affairs of Duke University Health System.
- Duke Trustees approved building a \$22.8 million headquarters for the school, to be completed in July 2006.
- Duke approved a new PhD nursing program targeting chronic disease, scheduled to enroll students for Fall 2006.
- The school received funding for its first five endowed professorships.
- A new pediatric acute/chronic care nurse practitioner program (AC-PNP) became one of just eight nationally.
- Cindy Brantley, BSN, RN, MSN'05 (GNP), won a grant from the American Medical Director's Association to study nursing home quality of care.
- Marva Price, FNP, DrPH, RN, FAAN, received two U.S. Department of Defense research grants to improve diagnosis and treatment of prostate cancer in African-american men.
- The National Institute of Nursing Research extended funding through 2007 for the TRAC (Trajectories of Aging and Care) Center's P20 Nursing Research Development Center.



A group of nursing students joined the medical school in Spring 2004 for a 10-day mission trip to Honduras, where they set up a makeshift clinic in a former church

#### **Awards and recognition:**

- Associate Clinical Professor Brenda Nevidjon, MSN, BSN'72, RN, fellow of the American Academy of Nursing (FAAN)
- Assistant Professor Queen Utley-Smith, EdD, RN, Great 100 Nurses list
- Assistant Professor Donald "Chip" Bailey, PhD, RN, 2004 Award for Excellence in Geriatric Nursing Education, from the American Association of Colleges of Nursing and the John A. Hartford Foundation Institute for Geriatric Nursing

#### **Faculty and staff appointments:**

- Holly Lieder, MSN, RN, CPNP, assistant clinical professor
- Linda L. Davis, PhD, RN, professor

#### **Major gifts:**

- Mr. and Mrs. Harry R. Chadwick, Jr. of St. Pete Beach, Fla., \$1.5 million establishing the Laurel Chadwick Professorship in Nursing
- Dr. and Mrs. Ernest Mario of Wilmington, N.C., \$1 million, Building Fund
- Bessemer National Gift Fund of Woodbridge, N.J., \$1 million, Building Fund
- Ruby Wilson, RN, PhD'69, former dean, \$500,000, Building Fund