It trains business executives in Prague, operates research stations in Costa Rica and advises medical leaders in Singapore. Its scientific breakthroughs—and its basketball successes—are celebrated across the United States. But even as Duke University has reached national and international heights, it has deepened its roots in the state of North Carolina.

Duke has been committed to the welfare of its home state and her citizens since 1924, when North Carolinian James B. Duke established the university as part of an indenture designed to improve quality of life in the Carolinas. Today, whether Duke is providing scholarships for North Carolina students, bringing high quality health care to underserved counties across the region or generating billions of dollars for the state economy, that commitment is stronger than ever.

We invite you to explore our 2003-2004 Year in Review to learn more about the state of Duke University—and its many ties to the residents of North Carolina.
Home-Grown Scholars

A House of Her Own

Health Care by Rural Delivery

Giving Them the Business

Water Watchdogs

A Passion for Compassion

THE STATE OF... OPPORTUNITIES FOR NORTH CAROLINA STUDENTS

DID YOU KNOW?

In addition to offering merit scholarships to North Carolinians, Duke accepts qualified students without regard to their ability to pay, and guarantees that it will meet 100 percent of the demonstrated financial need of all admitted students. About 48 percent of North Carolina undergraduates enrolled at Duke in 2003-2004 received need-based financial aid, with the average annual award at $28,800.

"We make a greater effort to reach out to students from the Carolinas in both the recruitment and selection process than from anywhere else in the world."

-- Christoph Guttentag, director of undergraduate admissions

FEATURe ONE

The STATE OF DUKE UNIVERSITY

Home-Grown Scholars

"We make a greater effort to reach out to students from the Carolinas in both the recruitment and selection process than from anywhere else in the world."

-- Christoph Guttentag, director of undergraduate admissions

Recipient of a full-tuition scholarship for gifted North and South Carolina students, Lauren Williams of Chapel Hill, North Carolina, is from the most well-represented state at Duke. About half of Duke students from North Carolina receive need-based financial aid from the university.

Convincing Lauren Williams, a dyed-in-the-wool University of North Carolina fan, to change her loyalties forever by attending Duke wasn’t hard once the senior learned of the merit scholarship the university was offering her. Williams, T’05, is one of 10 B.N. Duke Scholars selected each year from North and South Carolina to receive full tuition for four years, as well as summer community service opportunities.

"Money talks," says Williams, whose family traces its roots to North Carolina mill and furniture workers. "It wouldn’t have been possible had I not received financial aid, because my family simply would not have been able to shoulder the financial burden of a Duke education."

The university’s commitment to serve North Carolinians is an important part of its educational mission, dating back to the Duke Indenture signed by benefactor James B. Duke in 1924. Today, Duke actively seeks talented North Carolina students such as Williams, a high school valedictorian and two-time state tennis champion who volunteered for Habitat for Humanity.

"We make a greater effort to reach out to students from the Carolinas in both the recruitment and selection process than from anywhere else in the world," says Christoph Guttentag, director of undergraduate admissions. In fact, contrary to what some assume, North Carolina is by far the best-represented state at Duke – almost 15 percent of first-year students are North Carolinians.

The A.B. Duke, B.N. Duke and Trinity merit scholarship programs are among the ways that Duke specifically encourages gifted North Carolinians to attend. Some Duke scholarships, such as the B.N. Duke award Williams received, incorporate community service requirements that encourage students to give back to their home state.

What Williams didn’t foresee is that her experience at Duke would strengthen her ties to North Carolina. Williams, who first viewed Duke as her ticket out of the state, has experienced a sea-change after spending a summer working in Asheville with a regional council on housing and the environment and taking history courses on poverty and class from the likes of Bob Korstad and Karin Shapiro. "Those two professors in particular helped show me the influence on public policy that academics can have," says Williams, who now plans to pursue a doctorate in Southern women’s history.

"I’ve come to appreciate who I am at Duke," says Williams, who wrote a paper about anti-poverty programs in Appalachia and took a class that required her to analyze her family through the lens of class. She will return to Asheville to research her senior thesis topic about the activism of working-class women in western North Carolina.

Questions or comments? Please email susan.kauffman@duke.edu, Office of Public Affairs, or call (919) 681-8975.
Although assumptions are changing, too many people have a limited, one-dimensional view of Southerners,” Williams says. “So much of who I am is rooted in North Carolina history and industries, the factory workers and farmers. My experiences at Duke solidified that these are the issues I care about.”
A House of Her Own

Carolyn Smith spent most of her life in public housing. Today, the retired Duke housekeeper is only a white picket fence shy of the American dream. In 1998, Smith bought her first home in Walltown -- a historic African-American neighborhood close to the university’s East Campus -- through an affordable housing program supported by Duke.

“I thought I was too old to buy a house,” says Smith, taking a mug of coffee out to her three-bedroom house to sit in a rocker, look at her potted flowers and listen to the birds. “But I’ve got a house, and I’m enjoying it.”

Smith is among the 53 low-income families living in Walltown in houses renovated by Self-Help Community Development Corporation. About a third of the first-time homeowners are Duke employees; most are single mothers. Duke has invested $4 million in a loan to Self-Help, which allows the nonprofit organization to stabilize deteriorating neighborhoods in the Duke-Durham Neighborhood Partnership near campus by buying and renovating houses and arranging affordable financing for first-time homeowners.

On the state level, more than $1 million of Duke’s investment supports Self-Help’s Community Advantage Program (PDF), which has provided more than $1 billion in home loans to low-income home buyers throughout North Carolina.

Durham has the lowest percentage of home ownership of any of the state’s largest cities. Duke’s investment has allowed Self-Help to acquire a total of 65 dilapidated and abandoned properties in Walltown and 33 in Southwest Central Durham, says Martin Eakes, Self-Help’s president. An additional $650,000 from The Duke Endowment to the university helps cover Self-Help’s operational costs for the program.

“Duke has made an incredible commitment to improve struggling Durham neighborhoods and support affordable housing efforts across the state,” Eakes says. “We believe that Walltown represents one of the largest neighborhood revitalization programs under way in the nation. It would not have been possible without Duke’s support. I wish other universities would look at Duke’s model for engaging its neighboring communities and copy its efforts.”

Halifax County native Walter Shields, who works the second shift as a floor finisher at Duke, says he jumped at the chance to own a home in Walltown. He visited Self-Help the morning after he’d heard about the houses during a presentation at work. At the time, he was renting an apartment, and compared his rent to the monthly mortgage payment on the three-bedroom, two-bath Self-Help home. The difference came to $1.97.
As a result of the Duke/Self-Help partnership in Walltown, Durham’s Habitat for Humanity began focusing on building their houses in the neighborhood. To date, a total of 13 now exist in Walltown. Two of them were built primarily with support from Duke University and the Duke Habitat for Humanity student chapter, which provides a steady stream of volunteers throughout the year. In 2003, students organized a Blitz Build to erect a house on campus to raise awareness about affordable housing needs.

Duke has donated houses in other partner neighborhoods, including nine new or renovated homes on Duke property in the Burch Avenue Affordable Housing Project, and assisted qualified Duke employees with home mortgages. Duke donated three low-cost vacant duplexes in the Crest Street neighborhood to Habitat for Humanity, along with $10,000 to turn them into single-family residences.

Duke’s affordable housing initiatives are part of the Duke-Durham Neighborhood Partnership, launched in 1996 with the goal of improving the quality of life in 12 neighborhoods near campus and boosting student achievement in the seven public schools that serve those neighborhoods. The partnership focuses on priorities identified by residents, including combating crime, increasing homeownership and providing educational and enrichment opportunities for children.

“I look around me and see what I accomplished for $1.97,” says Shields, who moved in on New Year’s Day 2001. “I own a house, and the value keeps going up.”
When Ruth Stanley was diagnosed with colon cancer, she knew exactly where she wanted to go: Duke. "My mother-in-law had been successfully treated at Duke's cancer center, and two of my children who are medical professionals strongly endorsed it," she says. "I'd heard nothing but good things.

And with the medical school and all the research there, you know you will get the best care." In fact, Duke physician-scientists were leading a nationwide clinical trial of a highly promising new treatment for colorectal cancer, Avastin. But while Stanley was eager to receive the latest treatment, she didn't relish the thought of frequent six-hour round trips from her rural home to Durham.

As it turned out, she didn't have to go far from home to receive cutting-edge care. Her doctor referred her to Scotland Memorial Hospital, a member of the Duke Oncology Network (DON), in nearby Laurinburg, N.C. There, Duke oncologist Susan Schaffer offers patients specialized care and access to Duke clinical trials right in their local community.

"It has meant a great deal to me to be able to stay close to home," says Stanley, who goes in for treatment once a week. "Now I can just drive to the clinic and be home by afternoon, instead of having to spend the night in a hotel. And Dr. Schaffer and all the staff are just wonderful. I'm so pleased with how everything has worked out."

Stanley is one of 15,000 patients who received cancer care last year through DON, which administers 18 clinical and research programs at partner institutions across six states (including 10 in North Carolina). Often, the outreach provides a level of care that patients would be unable to obtain otherwise. "Many of our patients just don't have the resources to travel to a tertiary-care medical center," says Schaffer. "And rural clinics often don't have the resources to offer specialized cancer services. I think if we weren't here lots of people just wouldn't get the care."

In addition to placing cancer specialists in underserved areas, DON works with its community hospital partners to improve cancer treatment facilities, educate local caregivers about advances in cancer care and coordinate clinical trials. Last year, more than 600 patients enrolled in clinical trials through DON, gaining access to potentially lifesaving experimental treatments. In turn, their participation benefits cancer research—more patients are recruited, enabling trials to be completed faster, and the resulting data reflect more cultural and socioeconomic diversity. "The network is a true partnership that benefits community hospitals, Duke and most of all patients," says director Alison Andre.
In fall 2003, construction began on a new $9.9-million open-heart surgery center based at Southeastern Regional Medical Center (SRMC) in Lumberton, N.C. A joint effort of SRMC and Duke that will be administered and staffed by Duke professionals, the unit will enable local residents to remain in their home community for heart surgery and angioplasty. The center is just one of the Duke Heart Center’s many community partnerships in North Carolina.

Last year the Duke Division of Community Health managed 15 projects in 21 North Carolina counties to help residents stop smoking, lose weight and make other healthy lifestyle choices. The efforts, which have served some 693,231 people in the past year, are part of the Kate B. Reynolds SELF Improvement Program -- an initiative launched in 1999 to lower rates of chronic disease in the state. The program will continue through June 2006. In addition, the Division manages 20 projects for the N.C. Health and Wellness Trust Fund to prevent obesity in children and their caregivers. Project strategies are designed to affect all 100 counties and specifically target 35.

Last year, the Duke Infection Control Outreach Network began pilot programs to improve patient safety at Durham Regional Hospital, Alamance Regional Medical Center and Albemarie Hospital. The network was originally formed in 1997 to help community hospitals collect data on hospital-acquired infections and resolve infection control problems. In 2003 the program included 22 member hospitals, including 16 in North Carolina.

In a spring survey of state residents, 42 percent of the general public said either they or a member of their family had been treated at Duke University Medical Center. When asked about their experience, a commanding majority (91 percent) of the public and opinion leaders rated the care they received as either excellent or good.

Duke health care outreach isn’t limited to cancer care. In the past fiscal year, approximately 165 Duke specialists provided 35,000 patient visits in 27 North Carolina counties, offering services often unavailable locally -- including heart, cancer, pediatric, arthritis, diabetes, psychiatry and high-risk obstetric care. Duke also placed 24 new full-time practitioners in communities across the state, including a number of rural underserved areas.

Together, these efforts reflect a commitment that has lasted more than 70 years, says Malcolm Isley, associate vice president of Duke Network Services. “Since its founding, Duke has worked in collaboration with local caregivers to improve health care services for the citizens of North Carolina, South Carolina and southern Virginia,” he says. “It’s what we’re all about.”
When most people think of Duke University and its Health System, they think of excellence in both academics and health care. Yet Duke is also a major economic engine whose activities dramatically contribute to its home town and state.

Just ask Dennis Lackey, owner of Statesville Stained Glass Inc., who has a contract to design glass for the new chapel in the Divinity School addition.

"We're absolutely elated," Lackey said. "It's probably the premier project we've done and we've done projects all over the world. To have our name associated with Duke University is going to be tremendous recognition for us."

Lackey is just one of many North Carolinians whose economic boats are rising on the tide created by Duke University and its health system. With more than 36,000 employees, Duke was the largest private employer in the Piedmont region in 2003 and the third largest private employer in the state (after Wal-Mart and Food Lion). While Duke ranks third in total number of jobs, it ranks first in wages and benefits paid to employees - $1.5 billion in 2004 - and creates significant tax revenues that support state and local economies.

In addition, Duke's powerful research engine continues to generate new jobs. The federal government estimates that for every million dollars provided in research funding, 36 jobs are created. Duke leads all North Carolina universities in funding from the federal government, garnering more than $492 million in 2003-2004. By the government's formula, Duke's success in securing research support was responsible for more than 17,700 jobs in North Carolina in 2003-2004, including desirable high-tech positions.

Duke University's economic impact is especially significant in Durham, a city no longer supported by tobacco and textile company money. In 2003, a report conservatively estimated Duke's financial impact on Durham alone to be approximately $2.6 billion a year. Thomas White, president of the Greater Durham Chamber of Commerce, says chamber members view Duke as Durham's "number-one economic development asset."

"Duke is a widely recognized, world-class educational institution that not only excels in providing superior education and health care -- its core mission -- but also acts as a quintessential community development engine," White says. "A great deal of the impressive corporate investment that our chamber has helped attract to Durham sub-markets, such as Research Triangle Park, Treyburn and our downtown/central business area, has come here expressly because of Duke's presence."

Collective Therapeutics, a start-up company in Pittsboro, N.C., based on technology created by Duke Department of Immunology Chair Thomas Tedder, was named 2004 Spinout of the Year by the N.C. Council for Entrepreneurial Development. Duke MD-PhD alumnus Garheng Kong of Intersouth worked with Tedder to found the company, which develops B-cell-directed monoclonal antibody therapies to fight autoimmune disorders.
In 2003-4 Duke provided almost $15 million in municipal-type services, such as police and road maintenance, that the city otherwise would be obligated to provide. Additionally, while Duke is tax-exempt like other colleges and religious, cultural and social service institutions, it paid taxes and fees totaling $6.3 million for Duke-owned facilities and municipal services such as water and solid waste.

Duke purchased more than $0.5 billion in total goods and services from about 7,700 North Carolina firms in FY 03/04. This represented a significant increase over the previous year and can be attributed to the major construction projects currently in progress.

Duke's Office of Science and Technology (OST) is dedicated to helping corporations develop productive relationships with Duke and to helping university inventors develop their technologies. Since its founding in 1992, OST has helped launch 19 local companies based on Duke technology, in the process creating about 400 jobs with average annual salaries around $50,000. OST today generates about $4 million in licensing revenues, 70 new patent applications, 40 issued patents, 50 licenses and more than $100 million in commercially sponsored research annually.
“[Duke’s] wetlands research project is a win for water quality and a win for improving the science of stream and wetland restoration.”

-- Bill Holman, executive director, North Carolina Clean Water Management Trust Fund

WATER WATCHDOGS

It’s a common but unfortunate effect of development: Paving over land for shopping centers, subdivisions and the like can cause stormwater runoff that threatens drinking water sources. Curtis Richardson is doing something to remedy the situation.

Richardson, a professor of resource ecology at the Nicholas School of the Environment and Earth Sciences, has been called on to help preserve the Florida everglades and the marshlands in Iraq. The spring, Richardson focused his talents at home, supervising the transformation of about 2,000 feet of heavily eroded, silt-clogged Sandy Creek in Duke Forest into a restored wetland. Once refurbished, the wetlands will treat about 1,400 acres of stormwater runoff from Durham and the Duke campus, removing sediment and nutrients before the water drains into the Jordan Reservoir, a drinking-water source for thousands in the Triangle.

“By restoring the natural flood plain that used to be here before the onslaught of urban development, we’ll recreate a healthy wetlands ecosystem that sops up pollutants and improves wildlife habitat,” says Richardson, founder and director of the Duke University Wetland Center. “Our goal is to create an ecosystem similar to what you would have found here 75 to 100 years ago.”

Project sponsors include the Clean Water Management Trust Fund, the North Ecosystem Enhancement Program, Duke Forest, Duke’s Facilities Management Department EPA 319 Program, and the Wetland Center. The reconstruction will take about six months and cost $1.5 million dollars. EPA 319 Program will also provide an additional $340,000 for monitoring and construction of treatment wetland at the site over the next three years.

Lessons from the restoration will contribute to a better understanding of what to do elsewhere in the state, says Bill Holman, executive director of North Carolina’s Clean Water Management Trust Fund. The fund, created in 1996 by the N.C. General Assembly, makes grants to local governments, state agencies and conservation non-profits to help finance projects that address water pollution problems.

“With most of these restoration projects, we’re still in the art, not the science, phase,” Holman says. “We’re still learning a lot about what really works and what doesn’t. [Duke’s] wetlands research project is a win for water quality and a win for improving the science of stream and wetland restoration.”
Besides being an example of a rare Piedmont wetland, the eight-acre ecosystem provides a site for research on biological diversity, hydrology, mosquito control, invasive plant species and other environmental concerns, Richardson says. The project will serve as an outdoor classroom and field laboratory for students and researchers from Duke and other area schools and universities.

“What we learn here will reach far beyond Durham,” adds Richardson. “It will benefit wetlands and watersheds nationwide.”
A Passion for Compassion

In 1925, James B. Duke willed $4 million to establish Duke Hospital and its medical school to improve health care in the Carolinas, then a poor region lacking in hospitals and health care providers.

In the decades since, Duke has devoted itself to bringing high-quality health services to needy individuals across the region. That might mean caring for an unemployed accident victim, or donating a lifesaving operation to a child whose parents are uninsured. Or it may mean providing health services to a whole community—as in the case of “Just for Us,” one of the newest ways Duke is helping low-income North Carolinians access needed health care.

Launched in 2001, Just for Us brings low- or no-cost health services to medically fragile elderly individuals living in Durham public and subsidized housing facilities. Administered by Lincoln Community Health Center and the Duke Division of Community Health—a collaboration between Duke’s School of Nursing and Department of Community and Family Medicine—the community partnership brings medical professionals from Duke, mental health specialists from The Durham Center, and Durham County social workers into residents’ apartments to provide services and coordinate care. Other partners include the Durham Housing Authority and Durham Hosiery Mill (which provide free office space).

Many of the program’s 300 participants have multiple medical problems and chronic diseases, but often didn’t receive the treatment or monitoring they needed, according to medical director Kim Yarnall, MD. Through Just for Us, they now receive in-home services ranging from physical examinations, medication management, and mental health care to help arranging appointments and transportation to see specialists.

That personalized attention is working wonders. Since the program started, data show that many of the residents with hypertension and diabetes have gotten their chronic conditions under control, hundreds of emergency room visits have been averted, medication management has improved, and many patients who previously had no primary care physician now do. Administrators hope the program will serve as a model for financially sustainable care coordination programs across the state and the nation.

More than a success story, Just for Us is an example of Duke University Health System’s innovative approaches to meeting societal health needs, says William J. Donelan, executive vice president and chief operating officer of DUHS. “Duke has a tradition and long history of providing medical care to the needy of the state of North Carolina dating back to 1930,” he says. “While there are limits to the amount of charity care that DUHS, as a private institution, can provide, we remain firm in our service commitment, even as we push for national solutions to the gaps in access to medical care.”
There is no such thing as business as usual when an institution’s mission is "to maintain a place of real leadership in the educational world," in the words of James B. Duke’s indenture. Indeed, 2003-2004 was a year of enormous excitement and success for Duke University. Not least, we concluded a magnificent $2.36-billion campaign, exceeding all expectations. Come read here how our faculty, students, staff and alumni continue to give us and the state of North Carolina so much to be proud of.

Your university handled seamlessly a number of transitions among key officers and administrators, spanning various disciplines. We have attracted a stellar new president, Richard H. Brodhead, who leaves his longtime home in New Haven, where he served as Dean of Yale College and the A. Bartlett Giamatti Professor of English at Yale University. President-elect Brodhead helped to select a very impressive new Chancellor for Health Affairs, Victor J. Dzau, the Hersey Professor of the Theory and Practice of Physic at Harvard Medical School, Chairman of the Department of Medicine at Brigham and Women’s Hospital, Boston, and Physician-in-Chief and Director of Research at Brigham and Women’s. Dr. Dzau will carry on Ralph Snyderman’s important work in running one of the country’s best academic health centers here at Duke.

Meanwhile, in Princeton’s George McLendon, we found a gifted and energetic Dean of the Faculty of Arts and Sciences, a worthy successor to Bill Chafe. To lead the new Nasher Museum of Art we turned to Kimerly Rorschach, an art historian and administrator par excellence from the University of Chicago. Within the development organization, Bob Shepard has been promoted from Vice President of Development to Vice President for Alumni Affairs and Development upon the retirement of John Piva after 21 productive years as Duke’s senior development officer. We also celebrated the numerous accomplishments and seemingly endless energy of our retiring School of Nursing dean, Mary Champagne.

These and other successful searches show that Duke is an attractive place to work as well as study, and our newcomers will join a seasoned and dynamic provost, Peter Lange, executive vice president Tallman Trask, and other senior administrators and deans who will welcome and work closely with them.
I have been struck anew by the skill and goodwill of the many people who are quick to lend a hand and smooth the way, making it possible for me and other administrators to exit gracefully while the newcomers enter fully briefed. Assisted by a transition team which orchestrated Dick Brodhead’s visits to Durham, for example, he and I spent many hours together in review and consultation during these last few months. Legions of Duke alumni and friends, students, volunteers and hosts, graduates and parents have helped Dick and his wife, Cindy, feel welcome and understand why Duke inspires such loyalty and affection, not incidentally introducing them to Southern delicacies such as barbeque, hush puppies and sweet tea.

I have the utmost confidence that President Brodhead and his team will take Duke still further along its rising trajectory as the University reinvents itself, as it must do with every generation. At the same time, Duke will be sustained by the values we celebrate, the heritage we honor and our commitment to preserving what is best while striving to become ever better.

Bob and I are proud to have been a part of Duke for the past 11 years, and I am honored to have been your president. Thank you for having given us the opportunity to serve this ambitious, feisty, splendid university.

Nannerl O. Keohane
June 2004
University Reports: **DUKE & NC**

*Fast Facts on Duke University’s contributions to the state of North Carolina*

With more than 35,000 employees in 2003, Duke was the largest private employer in the Piedmont region and the third largest in the state after Wal-Mart and Food Lion. While Duke ranked third in total number of jobs, the $1.5 billion paid in wages and benefits in FY 2004 to its employees led the state and generates significant taxes in support of the economy of North Carolina and local governments.

With more than $365 million in research expenditures in FY 2003, Duke led all North Carolina universities in funding from the federal government to support research in areas central to the health and welfare of North Carolina’s citizens, including new technologies which promise to provide innovation from which future high technology jobs will be created. In FY 2004, those research expenditures had risen to $492 million, in areas ranging from cancer, AIDS, diabetes, and other diseases, to genomics and homeland security. The federal government estimates that for every million dollars generated in research funding, 36 jobs are created, which means that in 2003-2004, Duke’s success in securing federal government support for research was responsible for the creation of more than 17,700 jobs in North Carolina.


Duke’s indirect economic impact on the local community is extensive. Duke students, their families, and more than one million campus visitors each year spend an estimated $314 million in Durham for food, lodging, and other local goods and services.

Over the last seven years, Duke generated more than $10 million from individuals, foundations, corporations, and government to support K-12 education in the Durham Public Schools, and to create several health clinics in public schools and local community centers. In addition, Duke partners with nonprofit, community- and faith- based organizations to support the needs of people living in low-wealth communities near Duke’s campus.

Duke’s commitment to North Carolina is an important part of its educational mission. Duke gives preference in admission to high-quality students from North Carolina, and North Carolina is by far the state with the largest number of undergraduate students enrolled at Duke. Because Duke admits students based on their high school performance and an assessment of their potential to contribute to the intellectual life of the university, Duke does not consider a student’s financial circumstances during admission. But once a decision to admit a student is made, Duke commits to provide appropriate financial aid to ensure that the student can attend. Approximately 48 percent of undergraduate students from North Carolina in 2003-2004 received need-based financial aid, with an average annual award of $28,000.

Duke’s ties to North Carolina have always been, and remain, very close. James B. Duke, the founder of Duke University, also founded the Duke Power Company and The Duke Endowment, a charitable trust in Charlotte which is the largest foundation serving the people of North Carolina with about $100 million in annual grants provided to support education, health care, child care, and rural churches.
University Reports: **MILESTONES**

**« july/03 »**
Duke and the National University of Singapore announce a partnership to establish that country's first graduate medical school.

**« august/03 »**
Duke introduces a new three-week parental leave benefit for staff.

**« september/03 »**
Duke becomes the center of a new bio-defense initiative involving investigators from six regional universities.

**« october/03 »**
Commemoration of the 100th anniversary of "The Bassett Affair" starts.

**« november/03 »**

**« december/03 »**
Richard Brodhead, dean at Yale University, is named Duke's ninth president.
George McLendon, chairman of the chemistry department at Princeton University, is named the new Dean of the Faculty of Arts & Sciences to succeed William Chafe, who returns to teaching.

Justin Walker, a Duke senior and a Republican, spends two months on the Democrats’ campaign trail, chronicling his impressions in regular dispatches to friends back at Duke.

A panel on “The Politics of Academic Freedom” debates whether the political affiliation of faculty members matters.

Kimery Rorschach, director of the University of Chicago’s David and Alfred Smart Museum of Art, is appointed the new director of the Nasher Museum of Art.

Victor J. Dzau, MD, is appointed the new chancellor for health affairs at Duke University and president and CEO of Duke University Health System, succeeding

John V. Brown starts the summer as the new director of Duke’s jazz program. Earlier in the spring, as part of an attempt to make performing art events more accessible, Duke announces its students will only have to pay $5 for most tickets.
University Reports: THE CAMPAIGN

Major highlights:

The Campaign for Duke ended on December 31, 2003 at $2.361 billion, well over its $2 billion goal and higher than all but four other American university fund-raising campaigns.

Every campaign division exceeded its goal. More than $750 million went to the university's endowment, mostly for financial aid and faculty support. More than $200 million was for undergraduate scholarships and nearly $100 million for graduate and professional school student fellowships. Endowments for 132 faculty positions were established, including 10 University Professorships. Dozens of new facilities were built or renovated, and many more are or soon will be under construction.

When the campaign ended, more than 80 percent of the total commitments had been received.

Special programs or achievements:

During the year there were major commitments leading to a worldwide increase in the reach and influence of the Nicholas School of the Environment and Earth Sciences, as well as to the school’s “green” Ocean Sciences Teaching Center; a center for integrative medicine at the Duke University Medical Center; and a professorship and full funding of an athletic scholarship, each named for President Emerita Nannerl O. Keohane. In addition, there was wide support of every school and division, their students, faculty, programs, and facilities across the campus.

Appointments:

Senior Vice President for Alumni Affairs and Development John J. Piva retired after 22 years of service to Duke. Named to succeed him was Vice President for Development Robert S. Shepard.
School statistics:

Duke received some $257 million during FY'04 from 97,831 donors, 44,674 of them alumni.

The Duke Annual Fund closed at approximately $21.5 million, more than 6.5 percent above its goal.

Major gifts:

The Duke Endowment of Charlotte, North Carolina, led all contributors to Duke University, with awards totaling more than $38 million.
University Reports: FACULTY

HONORS FOR DISTINGUISHED FACULTY AT DUKE

Four Duke faculty members, as well as Duke President Richard H. Brodhead, were among the 202 men and women elected this year to the prestigious American Academy of Arts and Sciences, an international learned society composed of the world’s leading scientists, scholars, artists, businesspeople, and public leaders. The new members from Duke were Paul Lawrence Modrich, James B. Duke Professor of Biochemistry and Howard Hughes Medical Institute (HHMI) investigator; Joseph R. Nevins, James B. Duke Professor of Molecular Genetics and HHMI investigator; Stuart L. Pimm, Doris Duke Chair of Conservation Ecology; and Anne Firor Scott, W.K. Boyd Professor of History emerita.

James Vaupel, a senior research scientist in the Terry Sanford Institute and an internationally known demographer, was one of 90 researchers from around the world elected April 20 to the National Academy of Sciences.

Four Duke faculty scholars were named National Humanities Center fellows for the 2004-2005 year. The fellows and their research projects are: Michael Gillespie, political science, “The Unity and Disunity of Modernity;” Margaret Humphreys, history, “The Civil War and American Medicine;” Richard Jaffe, religion, “Seeking Shakyamuni: World Travel and the Reconstruction of Japanese Buddhism, 1868-1945;” and Joel Marcus, religion, “The Passion Narrative in the Gospel of Mark.” No other university had more than two scholars named NHC fellows.

Women’s basketball coach Gail Goestenkors served as assistant coach on the 2004 U.S. Women’s Olympic Team. She was one of three coaches to assist the team’s head coach, Van Chancellor of the WNBA, in the XXVIII Olympic Games competition that featured teams from 12 nations competing in Athens, Greece, Aug. 14-28.

Duke’s Kenan Institute for Ethics Director Elizabeth Kiss and her staff “made our world a better place,” according to presenters of the second annual Groundbreaker in Character Education Award. Given by the N.C. Department of Public Instruction and N.C. State Board of Education, the award cited the institute for its “outstanding efforts and dedication to the children, schools and families of North Carolina.”

Robert Califf, director of the Duke Clinical Research Institute, was presented with the American College of Cardiology’s Distinguished Scientist Award for clinical research during the organization’s 2004 convocation ceremony. Each year the college acknowledges two scientists, one in the clinical domain and one in the basic domain, who have made major contributions to the advancement of cardiology.

Alexander Hartemink, assistant professor of computer science, has been awarded a Faculty Early Career Development (CAREER) Award from the National Science Foundation (NSF). Hartemink will use the award of $487,344 to support his research and teaching in computational...
Alexander Hartemink, assistant professor of computer science, has been awarded a Faculty Early Career Development (CAREER) Award from the National Science Foundation (NSF). Hartemink will use the award of $487,344 to support his research and teaching in computational functional genomics over the next five years.

Stanley K. Abe, associate professor of art history, was chosen from a group of 27 international nominees to receive the 2003 Shimada Prize for distinguished scholarship in the history of East Asian art. The prize is awarded biennially by the Smithsonian’s Freer Gallery of Art and Arthur M. Sackler Gallery and the Metropolitan Center for Far Eastern Art Studies in Kyoto, Japan.
Even before they set foot on campus as freshmen, The Class of 2007 (PDF) had achieved great things. The students notched the average SAT score up 9 points from the previous year, the largest increase in 15 years. The class is also the most ethnically and racially diverse ever admitted at Duke, with minorities comprising nearly 35 percent of the admitted students. This year's applicants marked another “first” at Duke as the inaugural class to be able to check their acceptance status online instead of enduring snail mail delivery of the news.

Pooja Kumar, a 2001 Duke graduate and second-year student at Harvard Medical School, was one of 32 Americans to be awarded the prestigious Rhodes Scholarship. The scholarship -- which rewards such characteristics as high academic achievement, personal integrity and leadership potential -- will pay for Kumar to spend two years at Oxford, where she will pursue a master of philosophy degree in international relations.

Seventeen Duke undergraduates received 2004-2005 Fulbright Scholarships for post-graduate study and teaching fellowships: Sarah Carpenter of Baltimore, MD, to study anthropology in Turkey; Nicole Czakon of State College, PA, to study physics in Belarus; William Feldman of Charleston, SC, to study philosophy in Israel; Dinah Hannaford of Swarthmore, PA, to study anthropology in Italy; Sandra Hernandez of Windermere, FL, to pursue Islamic Studies in Tunisia; Victoria Hogan of McLean, VA, to study social work in Egypt; Adam Hollowell of Charlotte, NC, to teach English as a foreign language in South Korea; Chintan Maru of Brookfield, CT, to study Political Science in Jamaica; Michael Noonan of Pottersville, NJ, to study international relations in Estonia; Katherine Porter of Charlotte, NC, to teach English as a foreign language in South Korea; Sam Prevatt of Savannah, GA, to pursue Islamic studies at the American University in Cairo, Egypt; Sumit Shah of Rose Hill, KS, to teach English in South Korea; Marie Schroeder of Niskayuna, NY, to study engineering in Austria; Kluane Snyder of Beaufort, NC, to study environmental studies in Singapore; Susan Su of Yorktown, VA, to teach English as a foreign language in Taiwan; Jonas Swartz of Durham, NC, to teach English as a foreign language in Argentina; Saeed Taheri of Milwaukee, WI, to study public health in Guatemala.
Three Duke students who intend to pursue careers in science, mathematics or engineering won Barry M. Goldwater Scholarships, which recognize academic achievements and encourage students to continue work in those fields: Emily B. Heikamp, a junior biology major from Metairie, LA; Jacqueline Ou, a sophomore mathematics/biology major from Lexington, MA; and Rahul Satija, a sophomore biology/music major from Potomac, MD.

Two Duke public policy majors, both juniors, won Truman Scholarships, which recognize academic accomplishments, leadership potential and commitment to a career in public service. Philip Kurian of Mount Pleasant, SC, and Anthony Vitarelli of Marlton, NJ, will receive scholarships of $2,000 for senior-year study and up to $26,000 for graduate studies.

Ethan Eade ’04, a double major in computer science and math from Timonium, MD, was named a Marshall Scholar. Eade, an A.B. Duke Scholar and 2004 Faculty Scholar Award winner, was the lead software engineer for the Autonomous Underwater Vehicle project of the Duke Robotics Club. He played trumpet in the Duke Symphony Orchestra and a variety of other performance groups at Duke and is a dedicated weightlifter. Eade will attend the University of Cambridge in fall 2004 and plans to study robotics and distributed systems.

For the fourth time in five years, a Duke team placed third in the annual William Lowell Putnam mathematical competition. David Arthur, a senior, ranked ninth in the nation for completing eight problems while freshman Nikifor Bliznashki and junior Oaz Nir earned honorable mentions for finishing among the top one percent of contestants. The full team finished third behind MIT and Harvard. Duke teams have won the competition three times, finished second twice, and finished third four times since 1990.
School Reports: **ARTS & SCIENCES**

Trinity College of Arts & Sciences comprised 5,308 students from 50 states and 58 countries during the 2003-2004 academic year.

**Major highlights:**

The Arts & Sciences Council unanimously approved refinements to the undergraduate curriculum, offering students more freedom in choosing courses.

The number of black faculty grew from 17 in 1994 to 38 in fall 2003. The 150 percent increase achieved the goal of the Black Faculty Strategic Initiative.

Ground was broken for an addition to the Sanford Institute and for the French Sciences Center. Renovations began on the Arts, Culture, and Technology Warehouse Studios.

**Awards and recognition:**

Professors Kenneth A. Dodge (public policy), John H. Reif (computer science), and Weitao Yang (chemistry) were named fellows of the American Association for the Advancement of Science.

Pooja Kumar T'01, now a student at Harvard Medical School, won a Rhodes Scholarship. Ethan Eade T'04 won a Marshall Scholarship. Truman Scholarships were awarded to Philip Kuriun T'05 and Anthony Vitarelli T'05. Goldwater Scholarships went to Emily Heikamp T'05, Jacqueline Ou, T'06, and Rahul Satija T'06. Kesan Mohan T'04 won a George J. Mitchell Scholarship.

**Faculty and staff appointments:**

New faculty include biologists Thomas Mitchell-Olds and Mohamed Noor and economists Christopher Timmins, Stephanie Schmidt-Grohe, Craig Burnside, and Martin Uribe.

Julie Allen was named associate director of development.

**School statistics:**

Trinity College of Arts & Sciences comprised 5,308 students from 50 states and 58 countries. Thirteen percent of the students were Asian/Pacific Islander, 12 percent African American, 8 percent Hispanic/Latino/Latina, and 7 percent international.
• Sophomore women’s golfer Liz Janangelo won the Golfweek, NGCA and Golfstat Cup as the National Player of the Year.
• Freshman Brittany Lang became the second Duke golfer selected as NGCA National Freshman of the Year.
• Men’s basketball coach Mike Krzyzewski was named the Claire Bee National Coach of the Year, marking the ninth time he has won national coach of the year honors.
• Clar Anderson (wrestling), Dan Brooks (women’s golf), Gail Goestenkors (women’s basketball) and Kerstin Kimel (women’s lacrosse) were named ACC Coaches of the Year.

Faculty and staff appointments:

• Ted Roof was named head football coach.
• Tom Knotts (assistant coach), Marty Galbraith (offensive coordinator), David Kelly (associate head coach), Jerry Azzinaro (co-defensive coordinator) and Glenn Spencer (assistant head coach) were named to the football staff, while Scott Brown was promoted to co-defensive coordinator.
• Jon Jackson and Mike Sobb were promoted to assistant athletic directors.

School statistics:

• Duke gave out 233.78 athletics scholarships to 318 athletes for the 2003-04 year.
The libraries launched the Perkins Renovation and Expansion Project which will include the construction of a new building. The new facility will be named the Bostock Library in honor of the family of former university trustee Roy J. Bostock and Merilee H. Bostock, a member of the Library Advisory Board.

The Rare Book, Manuscript, and Special Collections Library received the American Newspaper Repository (ANR), a collection of 5,000 volumes of rare and historically significant 19th- and 20th-century American newspapers, many of which are available nowhere else in their original print form.

The National Film Preservation Foundation awarded Duke Libraries a third grant to preserve films by North Carolina filmmaker H. Lee Waters.

Special programs or achievements:

The libraries’ Center for Instructional Technology assisted the School of Nursing with its online distance education programs, which benefit nurses and nurse practitioners who live in rural North Carolina counties.
The libraries participated with other university departments in the Duke Curriculum Project, an initiative intended to help improve the teaching of African-American and multicultural history in the Durham, NC, public schools.

Awards and recognitions:

The National Film Preservation Foundation has awarded a third grant to the Duke libraries to preserve films in the collection by North Carolina filmmaker H. Lee Waters.

Staff appointments:

- Michael Finigan, head, Access and Delivery Services, from the Massachusetts Institute of Technology
- Matthew Gardzina, academic technology consultant, Center for Instructional Technology, from Cary Academy
- Irene Lubasch-de-Munster, librarian for Iberia and Latin America, from Biblioteca Max von Buch, Universidad de San Andres, Buenos Aires, Argentina
- David Mitchell, university records manager, University Archives, from the North Carolina Office of Archives and History
- Cynthia Varkey, Web designer, Center for Instructional Technology, from the School of Public Health, University of North Carolina at Chapel Hill

Statistics:

The Duke University Libraries have combined collections of 5.3 million books, more than 30,000 serials, and additional resources in an array of formats numbering almost 20 million items.

Major gifts:

Generous gifts in 2003 from Roy and Merilee Bostock, Pete and Ginny Nicholas and The Duke Endowment brought the university libraries’ Campaign for Duke total to $49.5 million, well surpassing the $40 million goal.
University Reports: APPOINTMENTS

Richard H. Brodhead, dean of Yale College and the A. Bartlett Giamatti Professor of English at Yale University, was named Duke University’s ninth president on Dec. 12, 2003. Brodhead is an expert in 19th-century American literature and a fellow of the American Academy of Arts and Sciences. He officially succeeded Nannerl O. Keohane on July 1, 2004. Keohane stepped down after 11 years in the presidency to return to teaching and research.

Victor J. Dzau, M.D., a distinguished physician-scientist and academic and administrative leader at Harvard Medical School and the Brigham and Women’s Hospital in Boston, became Duke University’s chancellor for health affairs on July 1, 2004. Dzau succeeded Ralph Snyderman, M.D., who announced in March 2003 his plans to step down after 15 years as the university’s senior medical official. The chancellor for health affairs also serves as the president and chief executive officer of the Duke University Health System (DUHS).

Also assuming a new post on July 1, 2004, was George L. McLendon, new dean of the faculty of Arts and Sciences at Duke. McLendon, Russell Wellman Moore Professor of Chemistry and chair of the chemistry department at Princeton University, succeeded William H. Chafe, a historian who has served as dean since 1995. Chafe returned to full-time teaching and research in July.

Duke welcomed three new voting members to its Board of Trustees: 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; Andrew C. Nurkin T'03, of Atlanta, a “young trustee”; Michele M. Sales T'78 and L’81, of Issaquah WA, immediate past president of the Duke Alumni Association.
University Reports: LEADERS

**Duke University Administration 2003-2004**
*(As of July 1, 2003)*

Nannerl O. Keohane, President

Peter Lange, Provost

Thruston B. Morton III, President of Duke Management Company

Ralph Snyderman, Chancellor for Health Affairs; Executive Dean, School of Medicine, and President and Chief Executive Officer, Duke University Health System, Inc.

Tallman Trask III, Executive Vice President

David B. Adcock, University Counsel

Joseph L. Alleva, Director of Athletics

John F. Burness, Senior Vice President for Public Affairs 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

Tracy Futhey, Vice President for Information Technology and Chief Information Officer

N. Allison Haltom, Vice President and University Secretary

B. Hofler Milam, Vice President for Financial Services

Larry Moneta, Vice President for Student Affairs

John J. Piva, Jr., Senior Vice President for Alumni Affairs and Development

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 University Development

Robert L. Taber, Vice Chancellor for Science and Technology Development

Gordon D. Williams, Vice Chancellor for Medical Center Operations and Vice Dean for Administration and Finance, School of Medicine

R. Sanders Williams, Vice Chancellor for Academic Affairs and Dean of the School of Medicine
Board of Trustees
2003-2004

Peter M. Nicholas, Chair (1993-2005)
Nannerl O. Keohane, President, ex officio
Robert King Steel, Vice-Chair (1996-2009)
Anne T. Bass (2003-2009)
Jordan Bazinsky (2002-2004)
Christine M. Durham (1994-2009)
Sara R. Elrod (2003-2005)
Frank E. Emory, Jr. (1998-2009)
J. Rex Fuqua (1993-2005)
Melinda French Gates (1996-2007)
James Rapheal Gavin III (2000-2009)
Kimberly J. Jenkins (2001-2007)
Bruce A. Karsh (2003-2009)
Rebecca Trent Kirkland (1995-2007)
Carol Louise Anspach Kohn (1997-2009)
Ernest Mario (1989-2007)
J. Lawrence McCleskey (2003-2005)
Nancy A. Nasher (1999-2005)
Clarence G. Newsome (2002-2007)
Uwe E. Reinhardt (2001-2007)
Robert Coleman Richardson (1997-2009)
Charles M. Smith (1998-2007)
Susan M. Stalnecker (2003-2009)
James L. Vincent (1994-2009)
Lewis T. Williams (2001-2007)
Trustees Emeriti
2003-2004

Samuel H. Barnes (1989-2001)
Philip Jackson Baugh (1981-1993)
Edward H. Benenson (1979-1985)
Werner C. Brown (1973-1985)
John Wesley Chandler (1985-1994)
Isobel Craven Drill (1973-1986)
Julie Campbell Esrey (1987-1999)
George V. Grune (1987-1997)
C. Howard Hardesty, Jr. (1974-1985)
Margaret Adams Harris (1975-1987)
Benjamin D. Holloway (1985-1995)
Susan Bennett King (1987-2001)
Wallace H. Kirby (1973-1989)
William A. Lane, Jr. (1983-1994)
George C. McGhee (1962-1977)
William H. Muller, Jr. (1974-1987)
Raymond D. Nasher (1968-1979)
Herman Postma (1987-1999)
Elizabeth Brooks Reid (1981-1993)
Wilhelmina M. Reuben-Cooke (1989-2001)
George P. Robinson (1993-2005)
Dorothy Lewis Simpson (1982-1995)
Thomas B. Stockton (1981-1993)
Randall L. Tobias (1986-2000)
Thaddeus B. Wester (1983-1995)
A. Morris Williams, Jr. (1989-2001)
Neil Williams (1980-1993)
Judy Woodruff (1985-1997)
School Reports: ARTS & SCIENCES

Major highlights:

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Awards and recognition:

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Pooja Kumar T’01, now a student at Harvard Medical School, won a Rhodes Scholarship. Ethan Eade T’04 won a Marshall Scholarship. Truman Scholarships went to Emily Heikamp T’05, Jacqueline Ou, T’06, and Rahul Satija T’06. Kesan Mohan T’04 won a George J. Mitchell Scholarship.

Faculty and staff appointments:

New faculty include biologists Thomas Mitchell-Olds and Mohamed Noor and economists Christopher Timmins, Stephanie Schmidt-Grohe, Craig Burnside, and Martin Uribe.

Julie Allen was named associate director of development.

School statistics:

Trinity College of Arts & Sciences comprised 5,308 students from 50 states and 58 countries during the 2003-2004 academic year.

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Major gifts:

- Terry Sanford Institute of Public Policy: $4 million from David M. Rubenstein T’70.
- Nicholas Faculty Leadership Initiative professorships were established by: Michael T’70 and Patricia W’69 Fitzpatrick; Frederick and Anne Garonzik P’01 ’03; William and Cordelia T’80 Laverack; Richard T’69 and Kathryn W’69 Lieb; John J. T’48 and Ruth Mackowski; Arthur Peabody, Jr. T’65; the Tang Family; Trinity College Board of Visitors, in honor of Dean William H. Chafe; Bruce Vor Broker T’74 P’05; G. Richard T’75 and Kathleen T’77 Wagoner; E. Lisk Wyckoff T’55.
School Reports: BUSINESS

Left: Dean Breeden, President Keohane, Coach Krzyzewski and Blair Sheppard announce the establishment of the Fuqua/Coach K Center of Leadership and Ethics. Right: The mallway of flags depicts the international nature of Fuqua’s student body.

Highlights:
The Fuqua/Coach K Center of Leadership and Ethics (COLE) was established in collaboration with the Kenan Institute for Ethics and the Duke Athletics Department.

A health sector management concentration was launched in The Duke MBA--Weekend Executive program.

Rankings included:

• Duke’s non-degree executive education: No. 1 in Financial Times;
• Executive MBA programs: No. 3 in Financial Times, No. 4 in U.S. News & World Report, No. 4 in BusinessWeek.

Special programs or achievements:

General Motors Corp. partnered with Fuqua, the Pratt School of Engineering and the Terry Sanford Institute of Public Policy to establish a teaching/research project to further worldwide efforts to develop hydrogen fuel-cell vehicles.

Awards and recognition:

Professor Wesley Cohen was awarded the Distinguished Frederick C. Joerg Professorship.

School statistics:

During FY 2003-04 the total student body included 750 Daytime and 762 Executive MBA students and 248 non-degree executive education participants.
Major gifts:

Fuqua closed its part of the five-year Campaign for Duke at $91.6 million in December. The 2003-04 record fundraising total of $13.6 million included:

- $6 million from an anonymous donor to support The Fuqua Society of Fellows Endowment Fund
- $1.25 million from Maxcor Foundation, Inc. to support COLE
- $1 million from J.B. (GHON’73) and Dorothy Fuqua to establish The J.B. Fuqua Professorship of Business Endowment Fund
- $1 million from James L. Vincent (E’61) to establish The James L. Vincent Professorship in Leadership Endowment Fund
- $667,000 from Gerald L. (T’73) and Agnes Hassell to establish The Spencer R. Hassell Associate Professorship Endowment Fund
- $667,000 from Robert Derek Bandeen (B’85) to establish The Robert A. Bandeen Associate Professorship Fund, the largest-ever alumni gift
- $521,000 from General Motors Corporation for curriculum development and research pertaining to the hydrogen fuel-cell vehicle project
- $500,000 from Pete (T’64) and Ginny Nicholas (W’64) to support COLE
School Reports: DIVINITY

Highlights:

Duke Divinity School topped $102 million at the close of the Campaign for Duke, surpassing the goal of $85 million in giving.

The beautiful Gothic 45,000-square-foot building addition stayed on schedule with completion set for March 2005.

Special programs or achievements:

The school launched a dual-degree master of divinity/master of social work program with the UNC School of Social Work.

Admissions inquiries exceeded 3,700 and applications exceeded 600, both record numbers.

Sustaining Pastoral Excellence, a national program in pastoral leadership funded by Lilly Endowment Inc. and coordinated by the divinity school, grew to include more than 60 individual projects with a budget exceeding $80 million.

Divinity students formed Students Advocating Latino/a Theologies in response to the growing presence of Hispanics in the U.S. and North Carolina; Duke Divinity School hosted a national summit on Hispanic pastoral leadership sponsored by Pulpit & Pew, a school research project.

Faith & Fiction: A Festival of Carolina Authors, sponsored by the Center for Theological Writing, brought together Clyde Edgerton, Randall Kenan, Haven Kimmell and Robert Morgan in February 2004.
Awards and recognition:

Teresa Berger, professor of ecumenical theology, received the 2003 Herberg-Haag Prize "For Freedom in the Church."

J. Kameron Carter, assistant professor in theology and black church studies, received awards from the Woodrow Wilson National Fellowship Foundation, the Louisville Institute and the ATS Sabbatical Grants Program.

Amy Laura Hall, assistant professor of theological ethics, was named a Henry Luce III Fellow in Theology.

Stanley Hauerwas, Gilbert T. Rowe Professor of Theological Ethics, was elected to the American Academy of Arts and Sciences.

Joel Marcus, professor of New Testament and Christian origins, was awarded a fellowship at the National Humanities Center.

Faculty and staff appointments:

- Bishop Kenneth Carder, formerly a United Methodist Bishop from Mississippi, was named director of Center for Excellence in Ministry and professor of the practice of pastoral formation.
- Richard Payne, from Memorial Sloan–Kettering Hospital in New York, was named Colliflower Director of the Duke Institute on Care at the End of Life.
- Allen Verhey, from Hope College in Michigan, was named professor of Christian ethics.

School statistics:

Approximately 550 students from 32 states and several foreign countries study in four graduate professional degree programs. Fifty-five percent are United Methodist, 20 percent are Baptist, and more than 30 other denominations are represented. Forty-five percent of students are female; 55 percent are male.

Major gifts:

Gifts to Duke Divinity School totaled more than $13 million during the 2003-04 fiscal year.
SCHOOL REPORTS: ENGINEERING

What's New

The 322,000-square-foot Center for Interdisciplinary Engineering, Medicine and Applied Sciences (CIEMAS) neared completion and opened during the summer. This four-building teaching and research complex represents a fundamental shift from departmental confines and brings together scientists and teachers from across scientific disciplines.

Major grants:

- Ashutosh Chilkoti received $3.2 million from the Centers for Disease Control to develop a label-free optical nanobiosensor that measures biomolecular interactions in real-time for the detection of category A pathogens.
- Farshid Guilak received a five-year, $7-million grant from the National Institute of Arthritis and Musculoskeletal and Skin Disease to probe how cartilage cells within joints change in response to mechanical stresses and immunological factors.
- Morton Friedman received $2.3 million from the National Institutes of Health (NIH) to measure and catalog the motion of the coronary arteries on the surface of the heart and relate coronary artery dynamics to wall strain, plaque development and plaque rupture.

Honors and Recognition:

- Robert Plonsey won the 2004 Ragnar Granit Prize
- Andrew Schuler and Adam Wax each won five-year National Science Foundation Faculty Early Career Development (CAREER) awards
- Sylvia Ferrari was named an Office of Naval Research Young Investigator
- Morton Friedman was awarded the Biomedical Engineering Society Distinguished Service Award
- Devendra Garg was awarded the 2003 Edwin F. Church Medal for Distinguished Service to Mechanical Engineering Education
- Kristina Johnson was awarded the Society of Women Engineers’ prestigious Achievement Award

Laura Niklason, MD, PhD, was appointed as a member of the National Institutes of Health’s Bioengineering, Technology and Surgical Science Study Section. Niklason is an assistant professor of biomedical engineering at Pratt, and in the departments of anesthesiology and surgery at Duke Medical Center.
Faculty and staff appointments:

Pratt hired 11 new faculty this year:

- Jean Mark Fellous, assistant professor, biomedical engineering
- Warren Grill, associate professor, biomedical engineering
- Kathryn Nightingale, assistant professor, biomedical engineering
- Claudia Gunsch, assistant professor, civil and environmental engineering
- Heileen Hsu, assistant professor, civil and environmental engineering
- Jungsang Kim, John-Kelly C. Warren Assistant Professor, Electrical and Computer Engineering
- Chris Dwyer, assistant professor, electrical and computer engineering
- Adrienne Stiff-Roberts, assistant professor, electrical and computer engineering
- David Smith, Augustine Scholar and Associate Professor, electrical and computer engineering
- Tomoyuki Yoshie, assistant professor, electrical and computer engineering
- Jonathan Protz, assistant professor, mechanical engineering and materials science

School statistics:

96 Tenure Track Faculty
66 Postdoctoral Fellows
1089 Undergraduate Students (average SAT score: 1475)
443 Graduate students
School Reports: **ENVIRONMENT**

*Left:* Pete and Ginny Nicholas. *Right:* Lisa Campbell, photo by Scott Taylor, Beaufort, NC.

**Highlights:**

Pete and Ginny Nicholas of Boston gave $70 million to the Nicholas School of the Environment and Earth Sciences to establish the Nicholas Institute for Environmental Policy Solutions, endow university professorships and other joint faculty positions, and create communication vehicles to maximize the school's impact in public outreach, media and information technology. Concurrent with this, the university is planning to build Nicholas Hall on West Campus to house the school.

More than 100 faculty, students, Marine Lab Advisory Board members and distinguished guests celebrated the groundbreaking of the Duke Marine Lab's new “green” Ocean Science Teaching Center on April 24 at the Beaufort campus.

**Special programs or achievements:**

The Nicholas School's third environmental leadership forum, "Creating a Sustainable Energy Future," drew more than 300 environmental leaders, corporate executives, government regulators and academics to Duke in March to discuss the future of hydrocarbon-based energy.

**Awards and recognition:**

Stuart L. Pimm, Doris Duke Professor of Conservation Ecology at the Nicholas School of the Environment and Earth Sciences at Duke University, was elected a Fellow of the American Academy of Arts and Sciences.

Faculty and staff appointments:

Lisa M. Campbell, Rachel Carson Assistant Professor of Marine Affairs and Policy, based at the Duke Marine Lab in Beaufort, from the University of Western Ontario.

**School statistics:**

The Nicholas School had 201 Master of Environment Management/Master of Forestry students and 116 doctoral students, and served more than 1,000 Duke undergraduates. More statistics
Major gifts:

The Nicholas School shot past its campaign goal of $60 million, raising $137 million, 229 percent of goal. Major new commitments exceeded $76.3 million and included:

- Randy Repass, chairman of West Marine Inc. of Watsonville, Calif., and his wife, Sally-Christine Rodgers, $2.3 million: university professorship in Marine Conservation Technology and funding for the Marine Lab's Ocean Science Teaching Center.
- Whitelaw and Elizabeth Brooks Reid of Bedford Hills, N.Y., $1.5 million: Reid Professorship Fund for a distinguished professor whose research focuses on the environmental impact of human population.
Highlights:

After some slight decline in the last three years, applications to the Graduate School for Fall 2003 totaled nearly 8,000. This has resulted in a substantial increase in matriculants to our Ph.D. and research Master’s programs, and a marked improvement in both selectivity and yield. For the first time, we were able to fill a class by making offers to fewer than 20 percent of the applicant pool. The overall enrollment is now about 2600, and the Ph.D. population is, for the first time, more than 2000.

The quality of the entering class, measured by both standardized scores and the number of James B. Duke Fellows, also kept pace with last year’s record, as has the diversity of the student body, with 41 U.S. minority students (18 of whom won competitive fellowship awards). Multi-year statistics on median GRE scores, undergraduate grade-point averages, time to degree, attrition rates and job placement of Duke graduates are available on the Graduate School Web site.

The Graduate School continued its leadership role in several national initiatives, including Dean Lew Siegel’s appointment to the Boards of the Council of Graduate School (chair) and the Research Committee of the Graduate Record Examination (chair). The Graduate School continues to be an active participant in the Woodrow Wilson Responsive Ph.D. Project and five of our doctoral programs (Chemistry, English, Mathematics, History and Psychological and Brain Sciences) are involved with the Carnegie Initiative on the Doctorate.

Special achievements:

New programs and other achievements during the 2003-04 academic year include:

- New interdisciplinary certificate programs in Nanoscience, Photonics, and Advanced Quantitative Research in the Social Sciences
- A revised certificate and admitting program in Cognitive Neuroscience
- Creation of a Dean’s Award for Mentoring (awarded this year to John Aldrich, Salvatore Pizzo and Lori Setton)
- Further centralization of Pathways to the Professoriate, workshops on the Instructions Uses of Technology, Responsible Conduct of Research Training, and the Preparing Future Faculty program
- Establishment of gradparents@duke.edu, a listserv to facilitate discussion among graduate and professional parents.
Highlights:

This year the Law School went "five for five" in faculty recruitment, making five offers to prospective new faculty and receiving five acceptances. Noted constitutional law scholar Erwin Chemerinsky leads the fabulous five, which also includes environmental law scholar Jim Salzman, noted labor and employment law specialist Catherine Fisk, and junior constitutional law scholars Neil Siegel and Jed Purdy, author of two acclaimed books. Professor Salzman will also have a faculty appointment at the Nicholas School of the Environment and Earth Sciences. Professor Chemerinsky will be the first faculty member to hold the Law School's new Alston & Bird Professorship.

The Law School also celebrated the appointment of three of its faculty to chaired professorships. Steven Schwarz, the country's top legal scholar in asset securitization and structured finance, was named the first-ever Stanley A. Star Professor of Law. Larry Zelenak, a top tax scholar who was recruited last year from the Columbia law faculty, was named the first Pamela B. Gann Professor of Law. Jonathan Wiener, a specialist in global environmental issues and risk assessment analysis, was named the William R. and Thomas L. Perkins Professor of Law.

In late April, the Law School broke ground on phase one of its ambitious building renovation and construction project, which includes the complete demolition and remodeling of the two large classrooms that had not been recently updated and a new 25,000-square-foot addition along Science Drive that will accommodate faculty offices, program centers and journal offices. Renovation of the two classrooms will be completed in time for the fall 2004 semester, and the new addition is expected to be completed in time for classes in fall 2005.
Special achievements:

The Society for Risk Analysis presented its prestigious Young Risk Analyst Award to Professor Jonathan Wiener.

Professor Robinson Everett became the 28th recipient of the prestigious Judge John J. Parker Memorial Award, the highest honor bestowed by the North Carolina Bar Association (NCBA) upon its members.

Faculty and staff appointments:

- Erwin Chemerinsky, from the University of Southern California law faculty, Alston & Bird Professor of Law
- Catherine Fisk, from the University of Southern California law faculty, Professor of Law
- Andrew Foster, promoted to Assistant Clinical Professor
- Tracy Lewis, joint appointment as Professor of Law
- Jedediah Purdy, Assistant Professor of Law
- James Salzman, Professor of Law
- Neil Siegel, Assistant Professor of Law

School statistics:

Total number of law students: 736
Total number of JDs: 654

- 359 Male
- 295 Female

41 states plus District of Columbia and 8 foreign countries represented
Total LLMs: 80

- 46 Male
- 34 Female

(plus 2 male SJD students)

Major gifts:

Stanley A. Star and the Star Family Foundation pledged $3,000,000 to the Law School to support building and renovation projects. The new Law School atrium will be named the Star Atrium in his honor.

The William A. Van Alstyne Professorship in the field of constitutional law was established in conjunction with The Nicholas Challenge through the generous contribution of $1,500,000 from J. Michael Goodson.

Robert H. and Joan Parsons Beber have established a Charitable Remainder Unitrust in the amount of $1,075,000 to provide funding for the new Law School garden, to be located on Science Drive directly in front of the Law School.
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Anonymous Gifts

A pledged gift of $1,000,000 was given anonymously to support the Law School's building and renovation projects. Classroom 3043 will be named to honor the donor.

An alumnus, who wishes to remain anonymous, established the Evada Trust Professorship Endowment Fund in response to the Duke Endowment Challenge. This generous gift of $1,000,000 represents the first gift of this magnitude from an Asian alumnus.
Highlights:

Victor J. Dzau, MD, was named the new chancellor for health affairs of Duke University and president and CEO of the Duke University Health System effective July 1, 2004. Dzau succeeded Ralph Snyderman, MD, who stepped down after 15 years at the helm of the Duke health enterprise.

The School of Medicine announced it would institute significant curriculum changes beginning in 2004 to better prepare its graduates to cope with the rapid advance of medical science and to address such major issues as emerging diseases, the obesity epidemic and economic pressures in health care.

The School of Medicine ranked #5 in National Institutes of Health funding among the nation’s top medical schools in fiscal year 2003—its highest ranking since 1973.

September 2003 saw the creation of the $45-million Southeast Regional Center of Excellence for Emerging Infections and Biodefense (SERCEB), a consortium of investigators from six regional universities that will work to develop vaccines, drugs and diagnostic tests against emerging infections such as SARS, and for defense against organisms that might be used in bioterrorist attacks. Funded by the federal government, SERCEB is led by and centered at Duke.

Other major funding for School of Medicine research endeavors in fiscal year 2003-2004 included a $9.8-million Specialized Program of Research Excellence grant for breast cancer research, $8 million for a program to uncover the genetics of asthma, a $4.75-million grant to continue work as a Rehabilitation Engineering Research Center in Communication Disorders, $4 million for a regional genomic medicine project targeting cardiovascular disease and neurodegenerative disorders, and a $3.4-million grant to establish an Autoimmunity Center of Excellence.

In December 2003 the Duke Board of Trustees approved construction of a new $64-million Medical Sciences Research Building II. The 165,000-square-foot building will house researchers from a number of centers and programs within the medical school.
Awards and recognition:

Nancy B. Allen, MD, professor of medicine and chair of the Duke University Academic Council, received the Leonard Palumbo Jr., MD, Faculty Achievement Award for compassionate patient care and excellence in the mentoring of young physicians.

Rebecca H. Buckley, MD, James Buren Sidbury Professor of Pediatrics and professor of immunology, Paul L. Modrich, PhD, Howard Hughes Medical Institute investigator and James B. Duke Professor of Biochemistry, and Margaret A. Pericak-Vance, PhD, director of the Duke Center for Human Genetics and James B. Duke Professor of Medicine, were appointed to the Institute of Medicine of the National Academy of Sciences.

Robert M. Califf, MD, Donald F. Fortin, MD Professor of Cardiology and director of the Duke Clinical Research Institute, was presented with the American College of Cardiology’s Distinguished Scientist Award for clinical research.

R. Phillips Heine, MD, associate professor of obstetrics and gynecology and chief of the division of maternal-fetal medicine, and Kenneth H. Wilson, MD, professor of medicine and associate professor of molecular genetics and microbiology, were appointed to the Alpha Omega Alpha Honor Medical Society.

Sheri A. Keitz, MD, PhD, assistant professor of medicine and vice-chair of diversity in the Department of Medicine, Lawrence B. Marks, MD, professor of radiation oncology, and Richard D. Mooney, PhD, associate professor of neurobiology, received Master Clinician / Teacher Awards for superlative accomplishment and service in the areas of clinical care and teaching.

R. Phillips Heine, MD, associate professor of obstetrics and gynecology and chief of the division of maternal-fetal medicine, and Kenneth H. Wilson, MD, associate professor of molecular genetics and microbiology, were appointed to the Alpha Omega Alpha Honor Medical Society.

Robert J. Lefkowitz, MD, a Howard Hughes Medical Institute investigator and James B. Duke Professor of Medicine, was awarded the Scientific Grand Prize of the Institut de France for his seminal research on seven-transmembrane-spanning receptors.

Anthony R. Means, PhD, chair of the Department of Pharmacology and Cancer Biology and Nanaline H. Duke Professor of Pharmacology, Keith M. Sullivan, MD, James B. Wyngaarden Professor of Medicine, Marilyn J. Telen, MD, Wellcome Clinical Professor of Medicine and chief of the Division of Hematology in the Department of Medicine, and Samuel A. Wells Jr., MD, professor of surgery, were selected as Fellows of the American Association for the Advancement of Science (AAAS).

Ralph Snyderman, MD, chancellor emeritus and James B. Duke Professor of Medicine, became the inaugural recipient of the Bravewell Leadership Award, which recognizes innovators of integrative medicine for their efforts to transform the culture of health care.

Bruce A. Sullenger, PhD, Joseph W. and Dorothy W. Beard Professor of Experimental Surgery and associate professor in molecular genetics and microbiology, received the Ruth and A. Morris Williams, Jr., Faculty Research Prize for his innovative research in the field of rational drug design.

Raphael H. Valdivia, PhD, assistant professor of molecular genetics and microbiology, was chosen as a 2004 Pew Biomedical Scholar, a program supported by the Pew Charitable Trusts.

Faculty and staff appointments:

Leadership appointments:

* Ron E. Banks, DVM, director, Animal Welfare Assurance Office
* Ann J. Brown, MD, associate dean for Women in Medicine and Science
* Anna Mae Diehl, MD, chief, division of gastroenterology
* Patricia Dieter, PA, MPA, director, Physician Assistant Program
* Pamela S. Douglas, MD, chief, division of cardiology
* Victor J. Dzau, MD, chancellor for health affairs, Duke University
Faculty and staff appointments:

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- Patricia Dieter, PA, MPA, director, Physician Assistant Program
- Pamela S. Douglas, MD, chief, division of cardiology
- Victor J. Dzau, MD, chancellor for health affairs, Duke University
- Paul C. Kuo, MD, chief, division of General Surgery in the Department of Surgery
- Joseph R. Nevins, PhD, director, Center for Genome Technology
- John N. Norton II, DVM, PhD, director, Division of Laboratory Animal Sciences
- Richard Payne, MD, Coliflower Director of the Institute on Care at the End of Life
- Dale Purves, MD, director, Center for Cognitive Neurosciences
- Christopher G. Willett, MD, chair, Department of Radiation Oncology

Endowed professorship appointments:

- Francis Ali-Osman, DNSc, PhD, Margaret Harris and David Silverman Professor of Neuro-Oncology Research
- Haywood L. Brown, MD, Roy T. Parker Professor of Obstetrics and Gynecology
- Joseph B. Heitman, MD, PhD, James B. Duke Professor of Molecular Genetics and Microbiology
- Herbert Kim Lyerly, MD, George Barth Geller Professor for Research in Cancer
- Joseph R. Nevins, PhD, Barbara Levine University Professor of Breast Cancer Genomics
- Mark F. Newman, MD, Merel H. Harmel Professor of Anesthesiology
- James A. Nunley II, MD, J. Leonard Goldner Professor of Orthopaedic Surgery
- Edward F. Patz, Jr., MD, James and Alice Chen Professor of Radiology
- Jonathan S. Stamler, MD, George Barth Geller Professor for Research in Cardiovascular Diseases
- William M. Thompson, MD, Reed and Martha Rice Professor of Radiology
- Huntington F. Willard, PhD, Nanaline H. Duke Professor of Molecular Genetics and Microbiology

New appointments and promotions to the rank of professor: 34
New appointments and promotions to associate professor with tenure: 20
Other new faculty appointments: 342

School statistics:

Students:

- School of Medicine: 389
- PhD Programs in Basic Sciences: 697
- Allied Health Programs:
  - Physical Therapy: 100
  - Physician Assistant: 93
  - Pathologist’s Assistant: 12
  - Clinical Leadership Program (MHS degree): 10
  - Clinical Research Program (MHS degree): 106
  - Clinical Pastoral Education: 17
  - Ophthalmic Medical Technology: 3

Graduate Medical Education: 841 residents and fellows

Faculty: 1,505 (including 930 with MDs, 477 with PhDs, 98 with MD-PhDs)
Major gifts:

$10 million from the C.J. Mack Foundation to fund construction of a new facility for the Duke Center for Integrative Medicine.

$1 million from the late Clarence C. Butler, MD (a Duke medical alumnus), and Sarah T. Butler of Columbus, Ga., to establish the Clarence and Sarah T. Butler Lead Trust Benefiting the Davison Club of Duke University School of Medicine.

$986,000 from the Josiah Macy Foundation of New York to establish the Model Instructional Program on Physician Fatigue and Impairment and Patient Safety.

A $3-million appropriation over three years from The Duke Endowment to fund construction of a new headquarters facility for the Duke School of Nursing.

A $10-million bequest commitment from nursing alumna Bettye Martin Musham of New York City for endowed professorships at the Duke University School of Nursing.

$2.1 million from Aileen Todd of Hendersonville, NC, for Alzheimer’s disease research in the division of neurology.

$1.5 million from the W. K. Kellogg Foundation for a collaborative effort to increase diversity in America’s health professions workforce.

A $1.25-million anonymous gift to create the new RPS Geriatrics Education and Training Program.

$1 million from Accelerate Brain Cancer Cure, Inc., for brain tumor research.

$1 million in memory of the late Nancy Emerson from E. Fulton Brylawski for the E. Fulton Brylawski Associate Professorship in Women’s Health.

$1 million from Robert Machemer, MD, former chairman of the Duke Eye Center, to establish the Robert Machemer, MD, Professorship in Vitreoretinal Diseases and Surgery. Matched with funds from the Nicholas Faculty Leadership Initiative for a total of $1.5 million.

$1 million from the estate of Paul H. Sherman, MD, a Duke medical alumnus, to establish the Paul H. Sherman, MD, Associate Professorship in the Department of Surgery.

$1 million from the Guidant Foundation to establish The Richard Sean Stack, MD/Guidant Foundation Professorship in the Division of Cardiology. Matched with funds from the Nicholas Faculty Leadership Initiative for a total of $1.5 million.
School Reports: NURSING

Highlights:

The Trajectories of Aging and Care Center (TRAC) received a continuation of funding (2004-2007) for its P20 Nursing Research Development Center from the National Institute of Nursing Research.

Julie V. Barroso, RN, MSN, PhD, an assistant professor, received a $2.6 million RO1 grant from the National Institute of Nursing Research for her research study on fatigue in HIV-positive people.

Special Achievements:

Nancy Short, RN, MBA, DrPH, assistant professor and assistant dean, was named one of seven Robert Wood Johnson Health Policy Fellows for 2004-2005 by the Institute of Medicine. She is the first Duke nurse and only the third Duke health care provider to receive this award, established in 1973.

A study published in the January 2004 Oncology Nursing Forum showed that virtual reality, when used as a distraction for breast cancer patients undergoing chemotherapy, reduces side effects and fatigue. Susan Schneider, PhD, RN, CS, AOCN, director of the graduate Oncology Nursing Education Program, was lead author.
Awards and recognition:

Susan Schneider, PhD, RN, CS, AOCN, received the Oncology Nursing Society (ONS) Mary Nowotny Excellence in Cancer Nursing Education Award.

Brenda Nevidjon, RN, BSN, MSN, associate clinical professor, received the North Carolina Great 100 Nursing Award and the Juanita Long Community Leader Award from the Beta Epsilon Chapter of Sigma Theta Tau.

In November 2003, the Beta Epsilon Chapter of the national nursing honor society Sigma Theta Tau inducted 14 students from the ABSN program and 29 graduate students.

Faculty and staff appointments:

- Pamela Edwards, RN, BC, MSN, EdD, associate consulting professor and director, nursing education program; deputy director, Duke Area Health Education Centers Program
- Mary Hall, RN, MSN, assistant clinical professor
- Judith Hays, RN, PhD, associate research professor and director of the A-BSN program
- Lawrence R. Landerman, PhD, associate research professor
- Judith Payne, RN, MSN, PhD, AOCN, CS, assistant professor
- Nancy Short, RN, MBA, DrPH, assistant professor and assistant dean

In the academic year 2004, 314 students (10.7 percent males, 15.6 percent minorities) were enrolled in the master’s, post-master’s and post-doctorate programs of study. Eighty-eight students were enrolled in the A-BSN program of study.
Major gifts:

- A $10 million bequest from Bettye Martin Musham, N’54, for endowed professorships
- A three-year, $3-million appropriation from The Duke Endowment toward construction of a new School of Nursing headquarters building (PDF).
- More than $2 million in commitments from members of the Duke University Board of Trustees toward the building fund.
- Members of the Duke School of Nursing Advisory Board and other friends established the Mary T. Champagne Assistant Professorship.