



SCHOOL REPORTS

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

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

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:

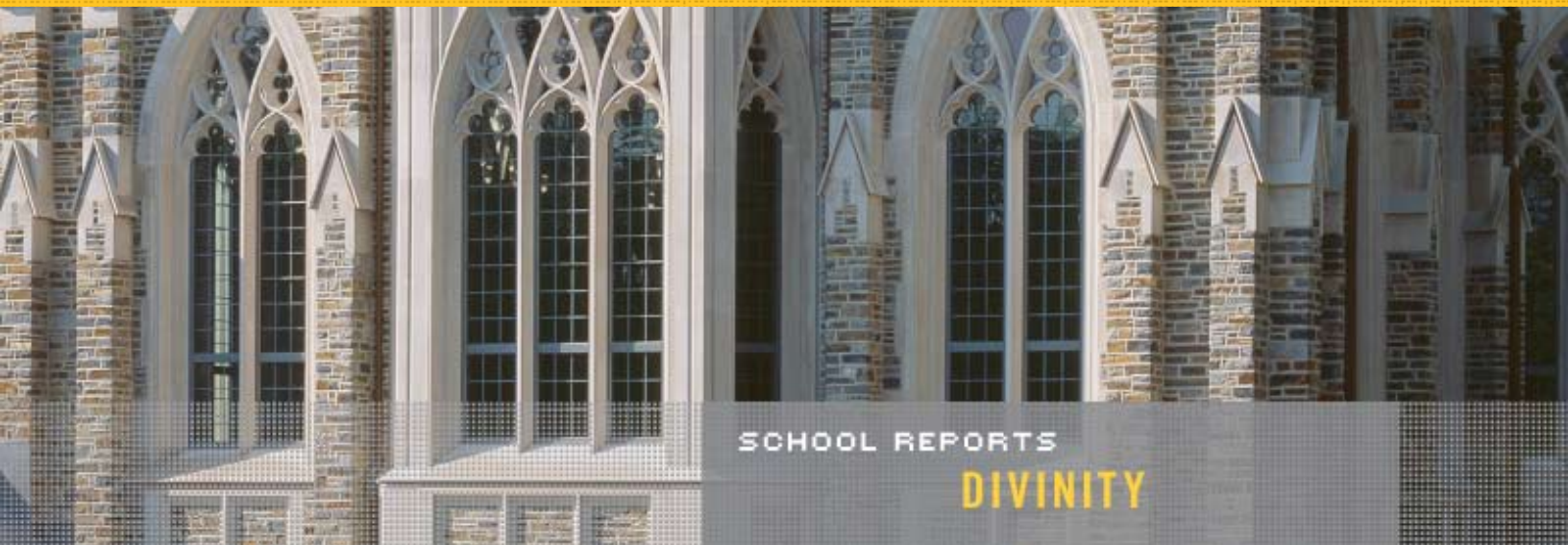
- Professor Jim Smith, Bank of America Faculty Award, the school's highest faculty honor
- Finance professor Campbell Harvey, panelist at the World Economic Forum in Davos, Switzerland

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

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



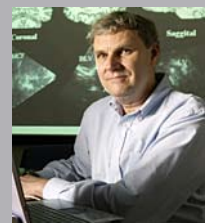
SCHOOL REPORTS

ENGINEERING**Pratt School of Engineering**www.pratt.duke.edu**By the numbers:**

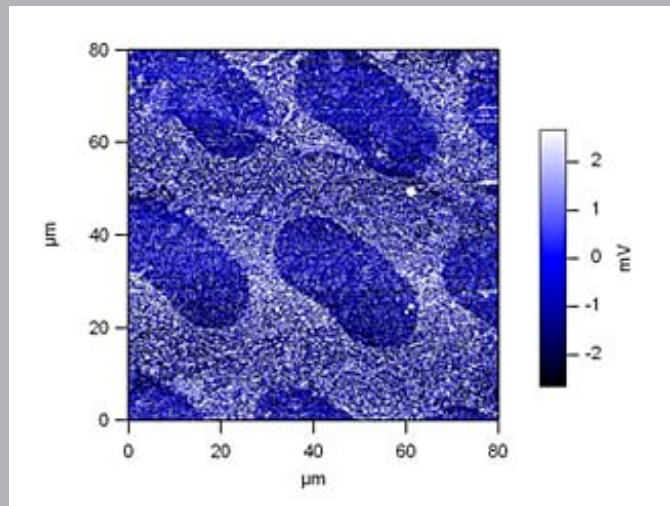
- 95 tenured faculty
- 77 postdoctoral fellows
- 975 undergraduate students
- 425 graduate students

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**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**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

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
- Professor 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**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

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