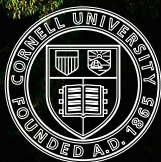


2005-06

facts

I would found an institution
where any person can find
instruction in any study.

EZRA CORNELL, 1865



Cornell University



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About <i>Cornell Facts</i>	<i>(back cover)</i>

Founded In 1865 by Ezra Cornell and Andrew Dickson White.

Opened October 7, 1868. Morrill Hall was the first building constructed on the main Ithaca campus, which today includes more than 260 major buildings on 745 acres.

Affiliations Cornell is a private endowed university and the federal land-grant institution of New York State. It is a member of the Ivy League and a partner of the State University of New York.

Colleges and Schools Fourteen—seven undergraduate units and four graduate and professional units in Ithaca, two medical graduate and professional units in New York City, and one in Qatar.

UNDERGRADUATE COLLEGES AND SCHOOLS

College of Agriculture and Life Sciences*

Ronald P. Lynch Dean: Susan A. Henry

College of Architecture, Art, and Planning

Dean: Mohsen Mostafavi

College of Arts and Sciences

Harold A. Tanner Dean: G. Peter Lepage

College of Engineering

Joseph Silbert Dean: W. Kent Fuchs

School of Hotel Administration

Acting Dean: Sheryl Kimes [7/1/05–6/30/06]

Dean: Michael Johnson [effective 7/1/06]

College of Human Ecology*

Rebecca Q. and James C. Morgan Dean: Lisa Staiano-Coico

School of Industrial and Labor Relations*

Dean: Edward J. Lawler [through 6/30/05]

GRADUATE/PROFESSIONAL COLLEGES AND SCHOOLS

Graduate School

Dean: Alison G. Power

Law School

Allan R. Tessler Dean: Stewart J. Schwab

Johnson Graduate School of Management

Anne and Elmer Lindseth Dean: Robert J. Swieringa

Weill Cornell Medical College (New York City)

Stephen and Suzanne Weiss Dean: Antonio M. Gotto Jr.

Weill Cornell Medical College (Qatar)

Dean: Daniel R. Alonso

Weill Cornell Graduate School of Medical Sciences (New York City)

Dean: David P. Hajjar

College of Veterinary Medicine*

Austin O. Hooy Dean: Donald F. Smith

OTHER ACADEMIC UNITS

Faculty of Computing and Information Science

Dean: Robert L. Constable

School of Continuing Education and Summer Sessions

Dean: Glenn C. Altschuler

Division of Nutritional Sciences

Director: Cutberto Garza

Cornell University Library

Carl A. Kroch University Librarian: Sarah E. Thomas

In November 2004, Cornell and Nanyang Technological University (NTU) signed an agreement creating the Cornell-Nanyang Institute of Hospitality Management (CNI), in Singapore—the first graduate program in hospitality management in Asia. Cornell Hotel School professor Judy Siguaw is the institute's founding dean. The first joint Master of Management in Hospitality degree program is expected to start in July 2006 with an enrollment of up to 50 students.

In September 2002, the new Weill Cornell Medical College in Doha, Qatar, inaugurated its two-year premedical program. The full medical degree program began in this Persian Gulf nation in September 2004. The medical college is funded by the Qatar government through the Qatar Foundation and operated by Cornell.

*New York State contract unit.

FACULTY "EXEMPLARS OF EXCELLENCE"



Kevin Kornegay, associate professor of electrical and computer engineering: director of the Cornell Broadband Communications Research Laboratory, he has received numerous national awards and recognition for excellence in research, the 2004 Cornell Provost's Award for Distinguished Scholarship, and is the long-term advisor to Cornell's engineering-student teams that build small international-championship robotic submarines



Barbara Bedford, senior research associate in natural resources: cited for her outstanding communication and teaching skills and for being an "astounding resource" for students, she received the 2005 National Wetlands Award for "extraordinary dedication, innovation or excellence in wetlands conservation," her approaches to wetlands science have been adopted by the EPA and the Nature Conservancy, and she has served on four committees of the National Academy of Sciences National Research Council

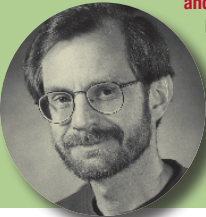
- Cornell awarded the nation's first university degree in veterinary medicine and first doctorates in electrical engineering and industrial engineering. It awarded the world's first degree in journalism (and taught the first university course in that subject), and established the first four-year schools of hotel administration and industrial and labor relations.
- Cornell endowed the nation's first professorships in American history, musicology, and American literature. It was the first U.S. university to offer a major in American studies.
- Cornell is the only Ivy League university that also is its state's federal land-grant institution; whose official motto is in English ("I would found an institution where any person can find instruction in any study"—Ezra Cornell); and whose board of trustees includes student, faculty, and staff voting members. It was the first among *all* U.S. colleges and universities to allow undergraduates to borrow books from its libraries.
- Cornell was the first university to teach modern Far Eastern languages. Cornell's Full-Year Asian Language Concentration (FALCON) program provides unusually comprehensive and intensive one-year study of Chinese or Japanese.
- Cornell University Press was the first university publishing enterprise in the United States and is one of the country's largest university presses.
- The New York Weill Cornell Medical Center is a pioneer in biomedical technology. Its alliance with Columbia University's medical center and Houston's Methodist Hospital is one of the most extensive and effective health-care-provider networks in the nation, whose facilities include the Center for Reproductive Medicine and Infertility, AIDS Care Program, Center for Complementary and Integrative Medicine, Greenberg Division of Cardiology, Institute of Genetic Medicine, Pain Management Center, and Center for Vascular Biology.

- Cornell's 2003–04 research expenditures totaled \$537.7 million (\$356.1 million of this funding was from federal sources; \$181.6 million was nonfederal). Cornell ranked third in National Science Foundation funding for programs in academic science and engineering in 2001–02 (the most-recent data available).
- The Cornell Center for Technology, Enterprise, and Commercialization (CCTEC) encourages entrepreneurship and economic development (Cornell is one of the nation's top five institutions in forming start-up companies), fosters collaborations with industry, and helps to market inventions resulting from research. In 2003–04, CCTEC received 225 invention disclosures, filed 163 U.S. patent applications, completed 80 commercial license agreements, and distributed royalties of more than \$4.5 million to Cornell units and inventors.

Eloy Rodriguez, James A. Perkins Professor of Environmental Studies: director of the Laboratory of Phytochemistry and Plant-Animal Interactions, he is dedicated to research and training in the chemistry of natural products, chemical ecology, ethnobiology, zoopharmacognosy, and “biodiversity prospecting” throughout the world; directs the National Institutes of Health Minority International Research Training (MIRT) Program at Cornell; and is a participating sponsor of undergraduate- and graduate-student field research projects and laboratories



Steven D. Tanksley, Liberty Hyde Bailey Professor of Plant Breeding and Genetics: winner of the prestigious 2005 Kumho Science International Award in Plant Molecular Biology and Biotechnology for his pioneering work in plant genomics, he developed the proposal for the Library of Life—the world's first databank of information about all living systems, to be established in the Cornell-Stanford “Bridging the Rift” research and education facility spanning the border between Jordan and Israel



- Twenty-nine Nobel laureates have been affiliated with Cornell as faculty members or students. The 2004–05 Cornell faculty included 3 Nobel laureates, a Crafoord Prize winner, 2 Turing Award winners, a Fields Medal winner, 2 Legion of Honor recipients, a World Food Prize winner, 4 National Medal of Science winners, 2 Wolf Prize winners, 4 MacArthur award winners, 4 Pulitzer Prize winners, 14 Alexander von Humboldt Award winners, 2 Eminent Ecologist Award recipients, a Carter G. Woodson Scholars Medallion recipient, 20 National Science Foundation CAREER grant holders, a recipient of the National Academy of Sciences Award for Initiatives in Research, a recipient of the American Mathematical Society's Steele Prize for Lifetime Achievement, a recipient of the Heineman Prize for Mathematical Physics, 2 Packard Foundation grant holders, a Keck Distinguished Young Scholar, 2 Beckman Foundation Young Investigator grant holders, and 2 NYSTAR (New York State Office of Science, Technology and Academic Research) early career award winners.

On and near the Ithaca Campus

Willard Straight Hall “The Straight” opened in 1925 as one of the nation’s first student unions. A stately Gothic structure with cathedral ceilings, marble staircases, and oak paneling, it houses dining facilities, a browsing library, a music room, a ceramics studio, an art gallery, Cornell Cinema, meeting and activity rooms, the Office of the Dean of Students, and offices for more than forty student organizations.

Jennie McGraw Tower and Cornell Chimes Constructed in 1891 atop Uris Library, the tower is a campus landmark, 173 feet high and 161 steps from the ground. It houses the Cornell clock, chimes, and chimes museum. The reconfigured, retuned, and expanded set of 21 bells was reinstalled in the tower in fall 1999. The chimes are played daily by student and alumni chimesmasters, whose repertoire includes more than two thousand songs.

Herbert F. Johnson Museum of Art

The museum is housed in a building designed by I. M. Pei. Built in 1973 on the site where Ezra Cornell is said to have announced his intention to found a university, it offers spectacular views of the campus, Ithaca, and Cayuga Lake. The museum’s Asian, American, and graphic arts collections are especially notable.



Cornell Plantations The Plantations’ holdings include 4,000 acres in and around Ithaca, all open to the public. On or near campus are the arboretum and botanical garden (200 acres) and 500 acres of natural areas encompassing woodlands, trails, streams, and gorges.

Easily accessible on campus are rose, peony, rhododendron, wildflower, and herb gardens; shrub and nut-tree collections; the Pounder Heritage Vegetable Garden; and the Muenscher Poisonous Plants Garden.



THE EXTENDED CORNELL CAMPUS INCLUDES:

▼ the Cornell in Washington program and the Capital Semester program that enable undergraduates to work and study in the nation’s or New York State’s capital for a semester; and the Cornell Urban Semester Program and the Urban Scholars Program in New York City that involve students directly with multicultural issues and public service

▼ Shoals Marine Laboratory on Appledore Island, off the Maine–New Hampshire coast; and the Cornell Biological Field Station at Shackleton Point in Bridgeport, New York

▼ Arecibo Observatory in Puerto Rico, and the Punta Cana and EsBaran biodiversity field stations in the Dominican Republic and Peru

▼ the Rome Program, the Cornell-Nepal Study Program, and other Cornell-administered programs in Denmark, France, Germany, Japan, Spain, Sweden, and the United Kingdom (plus countless study-abroad affiliations throughout the world)

▼ Cornell Cooperative Extension educators serving local communities in each of New York State’s 62 counties (which include all 5 New York City boroughs)

Laboratory of Ornithology

The laboratory's new facility, the Imogene Powers Johnson Center for Birds and Biodiversity, overlooks a pond, bird gardens, and Sapsucker Woods, a wildlife sanctuary with walking trails. The building's visitors' center and observation areas are open to the public. The laboratory's Macaulay Library has the world's largest collection of bird-song recordings and other animal sounds, as well as a growing collection of animal-behavior videos. The laboratory is well known for its innovative bioacoustics research, its bird-population studies, and its citizen-science programs.

Athletics and Physical Education

Cornell's physical and outdoor education programs are among the largest in the nation, offering more than 180 different courses. The intramural athletics program, the largest in the Ivy League, involves 7,000 participants on 1,050 teams in 29 sports. There are 18 men's and 18 women's varsity teams. Varsity and recreation facilities include the Niemand•Robison Softball Field; the Reis Tennis Center and Belkin Squash Courts; the Oxley Equestrian Center; Schoellkopf Field for football, lacrosse, and field hockey; Hoy Field for baseball; Lynah Rink for ice hockey; Bartels Hall's Lindseth Climbing Wall and Newman Arena for basketball and volleyball; the Friedman Wrestling Center; the Kane Sports Complex for track and field, and soccer; and the Robert Trent Jones Golf Course.

In its 2004–05 banner season, Cornell won the national championship in men's polo; Ivy League championships in wrestling, men's lacrosse, and ice hockey; tied for the women's volleyball title; and took 2nd in baseball, men's basketball, and softball. Travis Lee won his 2nd NCAA wrestling title, and the team finished 4th, its best effort in 52 years. The men's and women's track teams each were indoor and outdoor Heptagonal champions for the 2nd consecutive year, and placed 2nd in the ECAC/IC4A outdoor championships, Cornell's best track showing ever. Bruce Hyde was Heptagonal cross-country champion; softball slugger Lauren May capped a spectacular career with a walk-off grand slam in her final at bat, giving her a .496 season and .415 career batting average, both Cornell softball records; and sophomore goalie David McKee was a finalist for the Hobey Baker Award (ice hockey's Heisman)—breaking Ken Dryden's career record for shutout and nearly leading the ECHL champion Big Red back to the Frozen Four for the 2nd time in 4 years.



▼ the School of Industrial and Labor Relations extension service regional education centers in Albany, Buffalo, Melville, New York City, and Rochester

▼ New York Sea Grant extension offices in Brockport, Buffalo, Kingston, New York City, Oswego, Plattsburgh, Riverhead, Stony Brook, and Syracuse

▼ the Arnot Teaching and Research Forest natural-resources center in Tompkins and Schuyler Counties

▼ the New York State Agricultural Experiment Station in Geneva, Vineyard Research Laboratory in Fredonia, Hudson Valley Laboratory in Highland, and Long Island Horticultural Research Laboratory in Riverhead, New York

▼ the Department of Horticulture Homer C. Thompson Vegetable Research Farm and Freeville Organic Research Farm, in Freeville, New York

▼ the Animal Science Teaching and Research Center in Harford, and Duck Research Laboratory in Eastport, New York

▼ the Weill Cornell medical units in New York City and Doha, Qatar

Cornell University Library



Member Libraries on the Ithaca Campus

Adelson Library, Cornell Laboratory of Ornithology
Imogene Powers Johnson Center for Birds
and Biodiversity

John Henrik Clarke Africana Library,
Africana Studies and Research Center

Engineering and Computer Science
Library, Carpenter Hall

Comstock Memorial Library
of Entomology, Comstock Hall

Fine Arts Library, Sibley Hall

Nestlé Library, School of Hotel
Administration, Statler Hall

Martin P. Catherwood Library, School of
Industrial and Labor Relations, Ives Hall

Carl A. Kroch Library (underground; access via Olin Library)

Law Library, Myron Taylor Hall

Library Annex, Palm Road

Johnson Graduate School of Management Library, Sage Hall

Albert R. Mann Library

Mathematics Library, Malott Hall

Sidney Cox Library of Music and Dance, Lincoln Hall

John M. Olin Library

Edna McConnell Clark Library (physical sciences), Clark Hall

Uris Library

Flower-Sprecher Veterinary Library, Veterinary Education Center

Other Member Libraries

Frank A. Lee Library, New York State Agricultural Experiment Station,
Geneva, New York

Weill Cornell Medical Library, New York Weill Cornell Medical Center,
New York City

The 2003–04 holdings
of Cornell University Library's
20 member libraries
included:

- 7,478,145 volumes
- 8,104,707 microforms
- 112,105 sound recordings
- 246,881 maps
- 64,760 journal and other
serial subscriptions

● CORNELL UNIVERSITY LIBRARY IS ONE OF THE TEN LARGEST ACADEMIC RESEARCH LIBRARIES IN THE UNITED STATES, AND A NATIONAL LEADER IN THE USE OF DIGITAL TECHNOLOGIES AND ELECTRONIC RESOURCES. ● ITS HOLDINGS INCLUDE OUTSTANDING SPECIAL COLLECTIONS ON ● ASIA ● THE HISTORY OF SCIENCE ● 19TH-CENTURY KINEMATIC MODELS AND MACHINES ● BEEKEEPING ● AMERICAN HISTORY, PARTICULARLY NATIVE AMERICANS, THE CIVIL WAR AND THE ANTI-SLAVERY MOVEMENT, CIVIL RIGHTS, AND LABOR AND MANAGEMENT ISSUES ● POLITICAL AMERICANA ● HUMAN SEXUALITY, WOMEN'S HISTORY, AND GENDER ISSUES ● THE NUREMBERG TRIALS ● AND SUPERSTITION AND WITCHCRAFT. ● CORNELL UNIVERSITY LIBRARY IS DEVELOPING AN OPEN-SOURCE PUBLICATION MANAGEMENT SYSTEM (DPUBS) THAT WILL PROVIDE A MORE AFFORDABLE WAY TO PUBLISH SCHOLARLY RESEARCH ONLINE.

NATIONAL SCIENCE FOUNDATION

National Research Centers:

Cornell High Energy Synchrotron Source (CHESS)
[a National User Facility]

Laboratory for Elementary-Particle Physics (LEPP): Cornell Electron Storage Ring (CESR)/CLEO [a Physics Experimental Facility]

Cornell NanoScale Science and Technology Facility (CNF)/National Nanotechnology Infrastructure Network (NNIN) lead member

National Astronomy and Ionosphere Center (NAIC)
[a Federally Funded Research and Development Center]

Nanoscale Science and Engineering Center:

Center for Nanoscale Systems in Information Technologies (CNS)

George E. Brown Jr. Network for Earthquake Engineering Simulation (NEES):

Large-Displacement Soil-Structure Interaction Facility for Lifeline Systems [Cornell is the Large-Scale Lifeline Testing member of the network consortium]

Materials Research Science and Engineering Center:

Cornell Center for Materials Research (CCMR)

Science and Technology Center Partnership:

Nanobiotechnology Center (NBTC) [Cornell is the lead institution]

Team for Research in Ubiquitous Secure Technology (TRUST)
[Cornell is a consortium participant]

NATIONAL INSTITUTES OF HEALTH

NCRR Biomedical Technology Resource Centers:

National Biomedical Center for Advanced Electron Spin Resonance Technology (ACERT)

Macromolecular Diffraction Biotechnology Resource

Undulator Resource for Structural Biology

NIA Edward R. Roybal Center for Research on Applied Gerontology:

Cornell Institute for Translational Research on Aging (CITRA)

NIBIB Biomedical Imaging Resource Center:

Developmental Resource for Biophysical Imaging Opto-Electronics (DRBIO)

U.S. DEPARTMENT OF AGRICULTURE

Agricultural Research Service National Program Sites:

U.S. Plant, Soil and Nutrition Laboratory

Plant Genetic Resources Unit (PGRU), Geneva, New York

Agriculture Innovation Center:

New York Farm Viability Institute: Center for Value-Added Agriculture

Regional IPM Center:

Northeastern Integrated Pest Management Center (NE IPMC)
[Cornell is a joint administrator]

U.S. DEPARTMENT OF DEFENSE DARPA

University Optoelectronics Center:

Center for Biochemical Optoelectronic Microsystems (CBOM)

Structural Integrity Prognosis System (SIPS):

Cornell Theory Center Computational Materials Institute
[Cornell is a lead academic institution]

U.S. DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION

Stewardship Science Academic Alliances Center of Excellence:

Center for the Study of Pulsed-Power-Driven High Energy Density Plasmas [Cornell is the principal university]

U.S. DEPARTMENT OF EDUCATION

National Resource Centers:

East Asia Program

Latin American Studies Program

South Asia Program

Southeast Asia Program

Institute for European Studies [as partner with Syracuse University Global Affairs Institute in the Cornell-Syracuse Upstate New York Consortium for Trans-European Studies]

NYSTAR (NEW YORK STATE OFFICE OF SCIENCE, TECHNOLOGY, AND ACADEMIC RESEARCH)

Centers for Advanced Technology:

Institute for Biotechnology and Life Science Technologies
[Center for Life Science Enterprise at Cornell]

Alliance for Nanomedical Technologies (ANMT)

Future Energy Systems [Cornell Center for Materials Research (CCMR) is a research participant]

OTHER RESEARCH AND STUDY UNITS:

Africana Studies and Research Center (AS&RC)

Agricultural experiment stations at Ithaca and Geneva

American Indian Program (AIP)

Asian American Studies Program

Baker Institute for Animal Health

Boyce Thompson Institute for Plant Research (BTI)

Bridging the Rift Center/Library of Life [joint Cornell-Stanford facility, Israel-Jordan border]

Bronfenbrenner Life Course Center

Cancer [Recombinant] Protein Expression Laboratory

Center for Advanced Human Resource Studies (CAHRS)

Center for Applied Mathematics (CAM)

Center for Hospitality Research (CHR)

Center for Radiophysics and Space Research (CRSR)

Center for the Environment (CfE)

Center for the Study of Economy and Society (CSSES)

Center for the Study of Inequality (CSI)

Cognitive Studies Program

Cornell Food and Nutrition Policy Program (CFNPP)

Cornell Fuel Cell Institute (CFCI)

Cornell Agriculture and Food Technology Park (CAFTP)

Cornell Higher Education Research Institute (CHERI)

Cornell Institute for Labor Market Policies

SOME RECENT PRODUCTS OF CORNELL RESEARCH:

▼ In-vitro fertilization microelectrode that safely transfers the nucleus into an oocyte

▼ A soil mixture optimized for high-traffic, compaction-resistant environments (e.g., urban tree plantings)

▼ Diagnostic genetic-test kit for cystic fibrosis

▼ Non-phytotoxic removable paint for temporary markings (e.g., on athletic fields)

▼ Lung-cancer diagnostic software

▼ Biodegradable polymers used in coated stents for cardiovascular local drug delivery

▼ A lower-total-energy-input method for growing lettuce hydroponically

▼ Biomimetic device for pharmacokinetic and environmental toxicology studies

▼ Chip-scale low-power atomic clock for cell phones and sensor networks

Cornell Institute for Nutritional Genomics (CING)
 Cornell Institute for Research in Chemical Ecology (CIRCE)
 Cornell Institute for Research on Children (CIRC)
 Cornell International Institute for Food, Agriculture and Development (CIIFAD)
 Cornell Program of Computer Graphics [a site of the Center for Computer Graphics and Scientific Visualization]
 Cornell Proteomics Program
 Cornell Theory Center (CTC)
 Cornell Waste Management Institute (CWMI)
 Einaudi Center for International Studies
 Feminist, Gender, and Sexuality Studies Program
 Intelligent Information Systems Institute (IISI)
 Institute for Comparative and Environmental Toxicology (ICET)
 Institute for Genomic Diversity (IGD)
 Institute for Research in Marketing
 Institute for the Social Sciences (ISS)
 Institute for the Study of the Continents (INSTOC)
 Institute of Collective Bargaining
 Institute of Food Science
 Kavli Institute at Cornell for Nanoscale Science
 Laboratory of Atomic and Solid State Physics (LASSP)
 Laboratory of Plasma Studies (LPS)
 Latino Studies Program
 Nell I. Mondy Laboratory of Human Performance
 New York State Integrated Pest Management Program (IPM)
 New York State Water Resources Institute (WRI)
 New York Weill Cornell Medical Center
 Parker Center for Investment Research
 Peace Studies Program
 Plant Science Center
 Population and Development Program
 Program in International Studies in Planning (ISP)
 Program on Ethics and Public Life
 Society for the Humanities
 Sprecher Institute for Comparative Cancer Research
 Zoonoses Research Unit

OUTREACH AND SERVICE UNITS:

Animal Health Diagnostic Laboratory (AHDL)
 Center for Manufacturing Enterprise (CME)
 Center for Nanoscale Systems (CNS) Institute for Physics Teachers
 Center for Religion, Ethics, and Social Policy (CRESP)
 Center for Sustainable Global Enterprise
 College of Veterinary Medicine hospitals for agricultural/commercial animals and domestic pets, and Equine Research Park
 Community and Rural Development Institute (CaRDI)
 Cornell Center for Technology, Enterprise, and Commercialization (CCTEC)
 Cornell Cooperative Extension system
 Cornell Feline Health Center
 Cornell Information Technologies (CIT)
 Cornell Institute for Biology Teachers (CIBT)
 Cornell Institute for Digital Collections (CIDC)

OUTREACH AND SERVICE UNITS, CONTINUED:

Cornell Institute for Social and Economic Research (CISER) [an NSF Research Data Center]/Cornell University Institute for Policy Research (CUIPR)

Cornell Legal Aid Clinic

Cornell Local Government Program

Cornell Local Roads Program [a Federal Highway Administration center]

Cornell Migrant Program (CMP)

Cornell Pro-Dairy

Cornell's Adult University (CAU)

Cornell United Religious Work (CURW)

Employment and Disability Institute (EDI)

Entrepreneurship and Personal Enterprise Program (EPE)

Family Life Development Center

Honeybee Genetics and Integrated Pest Management Center

Information Assurance Institute (IAI)

Insect Diagnostic Laboratory

Institute for African Development (IAD)

Institute for Community College Development (ICCD)

Institute for Resource Information Systems (IRIS)

Institute for Women and Work

Institute on Conflict Resolution/Alliance for Education in Dispute Resolution

International Service for the Acquisition of Agri-biotech Applications [ISAAA Center]

International Workplace Studies Program

Legal Information Institute

New York Space Grant Consortium [Cornell is the lead institution]

Northeast Dairy Foods Research Center

Northeast Regional Climate Center (NRCC)

Pesticide Management Education Program (PMEP)

Plant Disease Diagnostic Clinic

Polson Institute for Global Development

Programs for Employment and Workplace Systems (PEWS)

Public Service Center (PSC)

School of Industrial and Labor Relations Division of Extension and Public Service

Smithers Institute for Alcohol-Related Workplace Studies



Mary Robinson, former president of Ireland and U.N. high commissioner for human rights, and now executive director of the Ethical Globalization Initiative, gave the keynote address at the November 2004 Cornell workshop "Ethics, Globalization and Hunger: In Search of Appropriate Policies." The workshop was organized by Cornell professor Per Pinstrup-Andersen to try to combine ethics and economics into a plan of action. Robinson counsels that worldwide support of the Universal Declaration of Human Rights, adopted by the U.N. in 1948, is crucial to this process.

- The Center for Sustainable Global Enterprise and the Cornell branch of Net Impact in April 2005 hosted a month-long symposium at the Johnson Graduate School of Management entitled “Sustainable Enterprise: An Agenda for Innovation.” Stuart Hart, the S. C. Johnson Professor of Sustainable Global Enterprise, and author of the book *Capitalism at the Crossroads: The Unlimited Business Opportunities in Solving the World’s Most Difficult Problems*, called the symposium—the third in an annual series—a way to bring Cornellians and people from external organizations and companies to Cornell to “engage the world” on the subject of sustainability. In his book, Hart makes a convincing case for how to do well while doing good. In his brand of inclusive capitalism, corporate strategy involves making sustainable products designed to be drivers of economic growth, rather than merely enhancing a company’s green-friendly, do-good status and not much more. “Properly focused,” Hart says, “the profit motive can accelerate the transformation toward global sustainability, with nonprofits, governments and multilateral agencies all playing crucial roles.”

Toward a Sustainable World . . .

- April 2005 was Campus Sustainability Month at Cornell. The centerpiece event was the first-ever Campus Sustainability Summit, at which students, administrators, and faculty and staff members developed a vision for collective action on how Cornell can become a more sustainable campus. The web site Cornell Sustainable Campus is a comprehensive summary of progress toward that goal. The Cornell University Solar Decathlon (CUSD), Engineers for a Sustainable World (ESW), and the Sustainable Enterprise Association (SEA) are three major campus working-project groups.

- As part of the Cornell College of Agriculture and Life Sciences’ year-long centennial celebration, CALS International Programs and the Division of Nutritional Sciences presented a series of seminars that addressed the issue of world hunger: “Accomplishments and Aspirations: Linking Agriculture, Nutrition and Health”; “From Asia to Africa: New Rice for Africa—Fighting Africa’s War Against Poverty and Hunger”; and “Recommendations of the U.N. Millenium Project Hunger Task Force to Achieve the Millenium Development Goal.” The seminars’ keynote speakers were five World Food Prize laureates, including Per Pinstrup-Andersen, the H. E. Babcock Professor of Food, Nutrition and Public Policy in Cornell’s Division of Nutritional Sciences. Pinstrup-Andersen was also a keynote speaker in the final CALS centennial symposium, “The Golden Age of Innovation,” which featured major contributions toward improving human health, nutrition, and education.

- Cornell’s Center for the Environment in April 2005 sponsored the lecture “The Global Significance of Sustainable Development,” presented by Dr. Gro Bruntland, former director general of the World Health Organization and chair of the 1983 World Commission of Environment and Development, which originated the concept of sustainable development.



George M. Sutton/Cornell Lab of Ornithology

More than 60 years after the last confirmed sighting of an ivory-billed woodpecker in the United States, a research team led by the Cornell Lab of Ornithology and the Nature Conservancy has established that at least one male ivory-bill still survives, in the Big Woods of eastern Arkansas. Gail Norton, U.S. secretary of the interior, has promised government protection to the bird, stating that "second chances to save wildlife once thought to be extinct are rare."

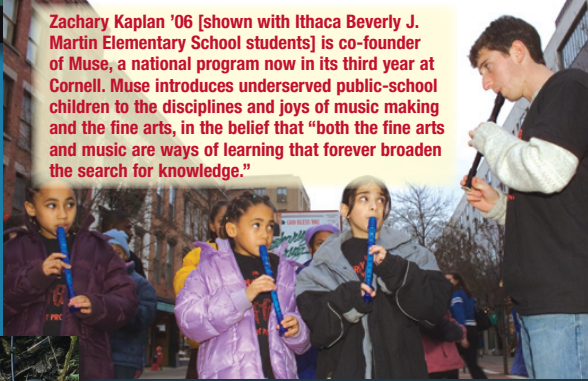


In her recently published book *Women's Identity and the Qur'an: A New Reading*, Nimat Hafez Barazangi argues that Islam's sacred book offers Muslim women the same rights as men but traditionally has been misinterpreted to deny them those rights. Barazangi is a research fellow in Cornell's Feminist, Gender, and Sexuality Studies Program, and a Muslim who is an internationally recognized scholar in Islamic foundations of education and identity development.

For more information on any of these topics, check the Cornell News Service and *Cornell Chronicle* home page: www.news.cornell.edu.



Zachary Kaplan '06 [shown with Ithaca Beverly J. Martin Elementary School students] is co-founder of Muse, a national program now in its third year at Cornell. Muse introduces underserved public-school children to the disciplines and joys of music making and the fine arts, in the belief that "both the fine arts and music are ways of learning that forever broaden the search for knowledge."



The Cornell-initiated national organization Engineers for a Sustainable World (ESW) and its Cornell chapter work both internationally and locally. Dale Meck '04, who designed gravity-fed water-supply systems that remove turbidity, is shown with a local engineer in a rural village in Honduras, installing one of the systems. [Photograph from ESW-National]

- Philip Liu, Cornell professor of civil engineering and an expert at **examining tsunami effects**, led a National Science Foundation-funded delegation of American scientists to Sri Lanka and Thailand in the wake of the December 2004 tsunami, to survey damage. Colleagues at Cornell had a GIS map of the tsunami area and related database, detailed enough to show footpaths, up and accessible on a web site within four hours of the disaster.
- In a three-day conference of **unprecedented significance in celebrating diversity**, the Cornell Mosaic program advanced racial inclusion, promoted greater alumni involvement, and encouraged interaction between Cornell alumni and current Cornell students, faculty, and staff. Planned by the Board of Trustees Minority Alumni Initiatives Implementation Committee (MAIIC), the event coincided with the 35th-anniversary celebration of the Cornell Africana Studies and Research Center and the public dedication of its newly renovated and expanded building.
- Cornell Cooperative Extension in Jefferson County, New York, is **providing significant support to the community and individual families stationed at the Fort Drum base for the famed 10th Mountain Division**, the most actively deployed unit in the U.S. Army. In a partnership that is the only one of its kind in this country, CCE helps military families cope with deployment and re-entry, and supplements counseling, nutrition, health, recreation, and other support services.
- Cornell's Institute for the Social Sciences (ISS) has chosen **"The Evolving Family: Family Processes, Contexts, and the Life Course of Children"** as its first interdisciplinary theme for the three-year period 2004–07. ISS chose this theme to explore issues such as how race, ethnicity, and social class influence marriage and fatherhood; how the meaning of marriage and sexual partnerships has changed over the past 30 years; how these changes affect children; what factors influence the timing of fatherhood; and what determines responsible fathering.
- In the Cornell symposium "Affect, Interaction, and Technology," **theoreticians and practitioners in diverse fields such as humanities, social sciences, arts, and information science** explored the idea of affect (broadly defined as "emotions evoked by, or subjective aspects of, an experience") and its influence on technology and digital art. In similar **multidisciplinary examinations of issues having major impact on human societies and values**, Cornell hosted the Hope in the Economy conference lecture "Replication as a Technique of Hope: The Case of Financial Economics" given by Cornell assistant professor of anthropology Hirokazu Miyazaki; the Center for the Study of Economy and Society sponsored the symposium "The Norms, Beliefs and Institutions of Capitalism" to focus on the values that underpin modern capitalism; the Department of Science and Technology Studies and Department of Communication presented "Science for Sale?" to explore the effects on scientific research of operating in a corporate environment; and the Committee on the Comparative Study of Race, Ethnicity and Indigeneity (created by the Cornell provost's Task Force on Ethnic Studies) presented its initial findings at the workshop "Questions of Comparison: New Approaches to Race, Ethnicity and Indigeneity."

Jeffrey S. Lehman: President of the University

Biddy (Carolyn A.) Martin: Provost

Antonio M. Gotto Jr.: Provost for Medical Affairs

Stephen T. Golding: Samuel W. Bodman Executive Vice President for Finance and Administration

James J. Mingle: University Counsel, and Secretary of the Corporation

Kathy A. Okun: Senior University Advisor

Barbara L. Krause: Senior Advisor to the President

Carolyn N. Ainslie: Vice President for Planning and Budget

Tommy (Thomas W.) Bruce: Vice President for University Communications

Joanne M. DeStefano: Vice President for Financial Affairs, and University Controller

Polley A. McClure: Vice President for Information Technologies

Vanda B. McMurtry: Vice President for Government and Community Relations

Susan H. Murphy: Vice President for Student and Academic Services

Mary George Opperman: Vice President for Human Resources

Laura Toy: Acting Vice President for Alumni Affairs and Development

Robert C. Richardson: Senior Vice Provost for Research

Joseph A. Burns: Vice Provost for Physical Sciences and Engineering

Richard Coico: Vice Provost for Inter-Campus Affairs

Charles R. Fay: Vice Provost for Research Administration

Francille M. Firebaugh: Vice Provost for Land Grant Affairs, and Special Assistant to the President

Robert L. Harris Jr.: Vice Provost for Diversity and Faculty Development

Stephen Kresovich: Vice Provost for Life Sciences

Michele Moody-Adams: Vice Provost for Undergraduate Education

John A. Siliciano: Vice Provost

David Wippman: Vice Provost for International Relations

Doris Davis: Associate Provost for Admissions and Enrollment

Stephen F. Hamilton: Associate Provost for Outreach

Steven P. Rosalie: Associate Provost for Medical Affairs

Kent L. Hubbell: Robert W. and Elizabeth C. Staley Dean of Students

Charles Walcott: Dean of the University Faculty



Three great challenges facing humanity that present exciting opportunities for Cornell: These are domains of fundamental worldwide significance. The first challenge concerns life in the age of the genome. A second great challenge concerns wisdom in the age of digital information. A third challenge concerns sustainability in the age of development. Each requires strength across the full range of disciplines where this university excels, and each will benefit from the spirit of multidisciplinary collaboration that is our hallmark.

Jeffrey S. Lehman,
president of Cornell University, in his
October 29, 2004, State of the University Address

Faculty, 2004-05*

College of Agriculture and Life Sciences	386
College of Architecture, Art, and Planning	51
College of Arts and Sciences	524
College of Engineering	226
School of Hotel Administration	38
College of Human Ecology	90
School of Industrial and Labor Relations	48
Law School	36
Johnson Graduate School of Management	51
College of Veterinary Medicine	120
Other	<u>8</u>
•Total nonmedical divisions	1,578
Medical divisions: NYC Weill Cornell Medical College and Weill Cornell Graduate School of Medical Sciences; Qatar	
Weill Cornell Medical College	<u>1,049</u>
TOTAL UNIVERSITY	2,627

Staff, 2004-05**

Nonmedical divisions	8,437
Medical divisions: NYC Weill Cornell Medical College and Weill Cornell Graduate School of Medical Sciences; Qatar	
Weill Cornell Medical College	<u>135</u>
TOTAL UNIVERSITY	8,572

* Regular full-time and part-time professorial faculty; Weill medical-division units have additional external affiliations with 796 full-time and part-time faculty members elsewhere.

** Regular full-time and part-time non-professorial-faculty academic employees (instruction, research, extension, and library) and regular full-time and part-time nonacademic employees; Weill medical-division units have additional external affiliations with 158 full-time and part-time academic employees elsewhere.

“Cornell is WIRED!”—Steve Sinofsky '87, Bill Gates's technical assistant, in an e-mail he sent from Cornell to Gates in 1994—prompting Gates to shift Microsoft Corporation's focus toward the Internet



Cornell's Faculty Innovation in Teaching program is currently focused on implementing instruction technologies to enhance teaching and learning in large-enrollment courses. CIT's Academic Technology and Media Services unit will provide assistance with project planning, instruction design, web programming, video production, and other related services. Under the purview of Cornell's Office of Information Technologies, CIT is the central information technology organization for the Cornell community of students, faculty and staff members, and visitors. It supports business-infrastructure, information-software, and instruction and operation needs—everything from computers to network access to phones—and also develops and maintains policies and security for the responsible use of electronic systems and resources.

Enrollment, Fall 2004*

UNDERGRADUATE UNIT

College of Agriculture and Life Sciences	3,114
College of Architecture, Art, and Planning	547
College of Arts and Sciences	4,355
College of Engineering	2,701
School of Hotel Administration	821
College of Human Ecology	1,249
School of Industrial and Labor Relations	797
Internal Transfer Division	<u>41</u>
•Total undergraduate	13,625

GRADUATE/PROFESSIONAL UNIT

Graduate School	4,313
Law School [J.D.]	589
Johnson Graduate School of Management [M.B.A.]	655
College of Veterinary Medicine [D.V.M.]	<u>336</u>
•Total graduate/professional, Ithaca	<u>5,893</u>
Total undergraduate and graduate/professional, Ithaca	19,518 *

Weill Cornell Medical College (NYC and Qatar) [M.D.]	399
Weill Cornell Graduate School of Medical Sciences	320
Physician Assistant Certificate	<u>62</u>
•Total Weill medical graduate/professional	<u>781</u>
Total university	20,299*

* On-campus and off-campus registrants; includes 291 participants in one-semester or two-semester study-abroad programs or other temporary off-campus activities, and 47 participants in employee-degree programs.

Student Gender and Ethnicity, Fall 2004

UNDERGRADUATES

Male	50%
Female	50%
Minority*	28%

GRADUATE/PROFESSIONAL STUDENTS

Ithaca:	
Male	57%
Female	43%
Minority*	15%
Medical, New York City:	
Male	49%
Female	51%
Minority*	30%

* Combined percentage of self-declared African Americans, Asian Americans, Hispanic Americans, and Native Americans in the U.S. citizen/legal resident portion of the student population.



Regional Origin, Fall 2004

(Ithaca campus only)

Middle Atlantic	15%
Midwest	7%
New England	8%
New York State	33%
Southeast	5%
Southwest	2%
Far West	9%
International, and United States possessions	15%

Tuition and Student-Activities Fees, 2004-05

UNDERGRADUATE UNIT*

Private	\$30,167
State contract	
Resident:	\$16,037
Nonresident entering:	\$28,567
Nonresident continuing:	\$27,337

GRADUATE/PROFESSIONAL UNIT

Graduate School**	
Private	\$30,062
State contract	\$18,032
Law (LL.M.)	\$36,162
Professional master's	\$27,232
Veterinary medicine	\$18,062
Law School (J.D.)	
Entering:	\$35,342
Second-year:	\$34,652
Third-year:	\$34,492
Johnson Graduate School of Management (M.B.A.)	\$34,462
Weill Cornell Medical College (M.D.)	\$31,930
Weill Cornell Graduate School of Medical Sciences (Ph.D., M.S.)	\$23,460
College of Veterinary Medicine (D.V.M.)	
Resident:	\$20,562
Nonresident:	\$29,062

* A.B., B.S., B.Arch., B.F.A. degrees.

** Ph.D., M.S., and M.A. research degrees and various professional master's degrees.

Undergraduate Financial Aid, 2003-04

Total amount of financial aid awarded	\$179,963,000
Percentage of students receiving financial aid	64%
Percentage of students receiving Cornell-administered financial aid	52%



Degrees Granted, 2003-04

Bachelor's degrees	3,577
Master's degrees	1,658
Doctoral degrees	445
Other (J.D. 186, M.D. 110, D.V.M. 80)	<u>376</u>
TOTAL UNIVERSITY	6,056

Living Graduates

By College, August 2004

College of Agriculture and Life Sciences	49,655
College of Architecture, Art, and Planning	6,889
College of Arts and Sciences	61,879
College of Engineering	41,403
Graduate School: all but are included in the college of their Special Committee chairperson	4,010
School of Hotel Administration	9,414
College of Human Ecology	19,355
School of Industrial and Labor Relations	9,695
Law School	8,759
Johnson Graduate School of Management	10,624
Weill Cornell Medical College and Weill Cornell Graduate School of Medical Sciences	8,480
College of Veterinary Medicine	<u>4,300</u>
TOTAL UNIVERSITY	234,463

Cornell ranked second in gifts and bequests from alumni and third in total support from all sources (alumni, friends, corporations, and foundations) among U.S. colleges and universities reporting voluntary gift support received in fiscal year 2003-04 (the most-recent data available).

By Region, August 2004

Middle Atlantic	12%
Midwest	10%
New England	10%
New York State	35%
Southeast	8%
Southwest	5%
Far West	13%
International, and United States possessions	7%

Diane Ackerman (M.F.A. '73, Ph.D. '79): author, poet, and naturalist

Gerald Taiaiake Alfred (M.S. '92, Ph.D. '94): scholar, author, and advisor to indigenous nations; faculty member and founding director of the Indigenous Governance Program at University of Victoria

Bruce S. Arena (B.S. '73): coach of the U.S. National Soccer Team

George W. Beadle (Ph.D. '30): co-winner of the 1958 Nobel Prize in physiology/medicine

Gary Bettman (B.S. '74): National Hockey League commissioner

Harold Bloom (A.B. '51): literary and cultural scholar-critic

Samuel W. Bodman (B.Chem.E. '61): George W. Bush Administration deputy secretary in commerce and treasury departments 2000–05, appointed U.S. secretary of energy 2005; former investment manager, corporate executive, and professor of chemical engineering

Margaret Bourke-White (A.B. '27): photojournalist; war correspondent

Jane Brody (B.S. '62): science and health reporter and author

Urie Bronfenbrenner (A.B. '38): pioneer in human development studies; Cornell faculty member

Joyce Brothers (B.S. '47): psychologist, author, and media personality

Susan Brownmiller (A.B. '56): feminist author and activist

Pearl S. Buck (M.A. '25): novelist and winner of the 1932 Pulitzer Prize and the 1938 Nobel Prize for literature

Willis Haviland Carrier (M.E. 1901): engineer and inventor who developed the formulas and equipment that made air conditioning possible; member of the National Inventors Hall of Fame

Abby Joseph Cohen (A.B. '73): Wall Street stock analyst-strategist

Charles Collingwood (A.B. '39): broadcast journalist and foreign correspondent

Barber Conable (A.B. '42, LL.B. '48): Congressional representative 1965–85; World Bank president 1986–91

Rob Cook (M.S. '82): vice president of research and development at Pixar Animation Studios and co-winner in 2001 of the first Oscar ever given for software

Adolph Coors Jr. (A.B. '07) and **Joseph Coors** (B.Chem. '39, Chem.E. '40): executives of the family enterprises, including Coors Brewing Company

Harry W. Coover Jr. (M.S. '43, Ph.D. '44): prolific inventor and developer of innovative products, notably cyanoacrylate adhesives (Eastman 910, or Super Glue); member of the National Inventors Hall of Fame

Rhonda Cornum (B.S. '75, Ph.D. '80): U.S. Army pilot, flight surgeon, medical researcher, and commander of combat hospitals; Gulf War veteran and POW; named one of the 100 most influential women in the aviation and aerospace industries by Women in Aviation, International

Ann H. Coulter (A.B. '84): lawyer, political analyst, and author

Junot Díaz (M.F.A. '95): short-story writer

Ken Dryden (A.B. '69): minister of social development in cabinet of Canada's prime minister; attorney, former hockey player and coach, member of National Hockey League Hall of Fame

Robert F. Engle (M.S. '66, Ph.D. '69): co-winner of the 2003 Nobel Memorial Prize in economic sciences for work modeling the volatility of time-series data that has had a major impact in many areas of economics and finance

Anthony S. Fauci (M.D. '66): director of NIH's National Institute of Allergy and Infectious Diseases; recipient of the 2002 Albany Medical Center Prize in Medicine and Biomedical Research

Jesse Redmon Fauset (B.A. 1905): literary editor and mentor; author; active in the Harlem Renaissance

Selected Graduates of Note

Martin Fettman (M.S. '76, M.S. '80, D.V.M. '80): veterinarian and astronaut; payload specialist for Spacelab Life Sciences 2 mission

Robert W. Fogel (B.A. '48): co-winner of the 1993 Nobel Memorial Prize in economic sciences

Stephen Friedman (A.B. '59): assistant for economic policy to President George W. Bush and director of the National Economic Council 2000–04

Louis Agassiz Fuertes (B.S. 1897): expert ornithologist and master painter of birds and animals

Francis Fukuyama (A.B. '74): professor at Johns Hopkins University School of Advanced International Studies, foreign-policy consultant, and provocative scholar-analyst (e.g., *The End of History and the Last Man*)

Allen Funt (A.B. '34): producer and host of *Candid Camera* TV series

Frank Gannett (A.B. 1898): newspaper publisher; founder of Gannett chain

Ruth Bader Ginsburg (A.B. '54): U.S. Supreme Court justice; member of National Women's Hall of Fame

Sheldon L. Glashow (A.B. '54): co-winner (with Steven Weinberg, A.B. '54) of the 1979 Nobel Prize in physics

David B. Goodstein (A.B. '54): pioneering gay-rights advocate and publisher

Harold Gould (A.M. '48, Ph.D. '53): stage, screen, and television actor

Wilson Greatbatch (B.E.E. '50): inventor of the cardiac pacemaker; designer of NASA biomedical equipment; member of the National Inventors Hall of Fame

Leroy Grumman (M.E. '16): naval aviator and founder of Grumman Aircraft Engineering Corporation

Stephen J. Hadley (A.B. '69): assistant to President George W. Bush and deputy national security advisor 2001–05; appointed national security advisor 2005

Laurens Hammond (M.E. '16): inventor of the Hammond organ and other electronic devices

Gisue Hariri (B.Arch. '80) and **Mojgan Hariri** (B.Arch. '81): New York City-based architects

John F. Hassel (A.B. '91): member of *Newark Star-Ledger* state-house reporting staff awarded the 2005 Pulitzer Prize for its coverage of New Jersey governor Jim McGreevey's resignation; former *Cornell Daily Sun* managing editor

Jeffrey C. Hawkins (B.S. '79): electronics inventor-entrepreneur, and founder of the nonprofit Redwood Neuroscience Institute

Henry Heimlich (A.B. '41, M.D. '43): developer of the Heimlich maneuver, esophagoplasty, and other medical procedures and devices

Jerome H. Holland (B.S. '39, M.S. '41): businessman; president of Delaware State College (1953–60) and of Hampton Institute (1960–70); U.S. ambassador to Sweden (1970–73); national chairman of the American Red Cross (1979–85)

Robert W. Holley (Ph.D. '47): co-winner of the 1968 Nobel Prize in physiology/medicine

Hu Shih (B.A. '14): philosopher, poet, scholar, statesman; championed vernacular Chinese as a literary language

Helen Lewis Irlen (B.S. '67): developer of a treatment for dyslexia

Irwin Mark Jacobs (B.E.E. '54): co-founder, chairman, and CEO of Qualcomm; 1994 recipient of National Medal of Technology

Emil Q. Javier (Ph.D. '69): scientist-statesman; president of the University of the Philippines 1993–99

Mae Jemison (M.D. '81): chemical engineer, scientist, physician, teacher, and former space-shuttle astronaut; member of the National Women's Hall of Fame

George Joblove (B.S. '76, M.S. '79): senior vice president of technology at Sony Pictures Imageworks; formerly founder and manager of the computer graphics department at George Lucas's Industrial Light and Magic

Herbert F. Johnson (A.B. '22) and **Samuel C. Johnson** (A.B. '50): founder/first executives of the Johnson family businesses; **H. Fisk Johnson** (B.A. '79, M.Eng. '80, M.S. '82, M.B.A. '84, Ph.D. '86): current chairman and CEO of SC Johnson

Thomas W. Jones (A.B. '69, M.R.P. '72): investment manager

David Starr Jordan (M.S. 1872): ichthyologist, biologist, and Smithsonian Institution associate; president of Indiana University (1885–91) and Stanford University (1891–1913)

Douglas Kay (B.S. '76, M.S. '79): chairman of Mondo Media and winner of a technical achievement Academy Award for digital compositing technology; pioneered digital technology effects at George Lucas's Industrial Light and Magic

Sidney Kingsley (A.B. '28): playwright, director, and author; winner of the 1934 Pulitzer Prize for drama

Austin H. Kiplinger (A.B. '39): editor, publisher, and journalist; **Knight A. Kiplinger** (A.B. '69): editor-in-chief of *Kiplinger's Personal Finance Magazine* and the weekly *Kiplinger Letter*

Flemmie Kittrell (M.S. '30, Ph.D. '36): educator; early advocate of pre-school-education programs

Frank H. Knight (Ph.D. '16): influential scholar-economist who was one of the leaders of the original "Chicago School" of economic theory

Arthur Laurents (A.B. '37): playwright, screenwriter, director, author

Lee Teng-hui (Ph.D. '68): statesman; president of Taiwan 1988–2000

Jeffrey S. Lehman (A.B. '77): first alumnus to be president of Cornell (effective July 1, 2003); dean of University of Michigan Law School 1994–2003; active proponent of affirmative action in higher education

Philip Levine (M.D. '23): immuno-hematologist; discovered the Rh factor in blood in 1939

Marc Levoy (B.Arch. '76, M.S. '78): Stanford University associate professor of computer science and of electrical engineering; helped develop technology and algorithms for digitizing 3D objects that led to the Digital Michelangelo Project

Sol M. Linowitz (J.D. '38, LL.B. '38): U.S. ambassador at large 1979–81; recipient of Presidential Medal of Freedom 1998

John R. Clark Sr. (M.B.A. '72) [center], is congratulated by Johnson School dean Robert Swieringa for winning the 2004 Wilbur Parker Distinguished Alumni Award for outstanding professional achievements and commitment to community. Clark, deputy assistant secretary of science for resource management with the U.S. Department of Energy, has been a federal-government executive for 35 years while serving as a mentor to young African Americans; he received a Point of Light from former President George H. W. Bush for outstanding volunteerism.



Wilbur Parker (B.Eng. '50, M.B.A. '50) [right], a former Tuskegee Airman with the U.S. Air Force, was the first black student to graduate from the Johnson School; a certified public accountant, he worked in municipal government and education.

Roy Park Jr. (M.B.A. '63): [center, with Dean Swieringa and President Lehman at Park's 2004 induction into the Johnson School's Hall of Honor] Cornell trustee, president and CEO of Park Outdoor Advertising, president and chairman of Triad Foundation, and generous benefactor to the Johnson School; his Park Leadership Fellows Program requires its MBA-student participants to make a significant public-service contribution to the Johnson School, Cornell, or the surrounding community



Edward T. Lu (B.S. '84): NASA astronaut; veteran of several space-shuttle and space-station missions

Bill Maher (A.B. '78): comedian, author, and political commentator

Ed Marinaro (B.S. '73): actor; college-football record-setter and former professional football player

Stephen Marschner (Ph.D. '98): Cornell assistant professor of computer science; co-winner of a 2004 technical achievement Academy Award for developing a commercial animation method for digitally simulating sub-surface light scattering in translucent materials

Barbara McClintock (B.S. '23, A.M. '25, Ph.D. '27): genetics researcher; winner of the 1983 Nobel Prize in physiology/medicine

Richard Meier (B.Arch. '57): 1984 Pritzker Architecture Prize winner

Robert A. Moog (Ph.D. '65): inventor of the Moog music synthesizer

Lorrie Moore (M.F.A. '82): short-story writer and novelist

Pedro Pablo Morales (J.D. '94): two-time gold medalist in swimming, 1992 Summer Olympics

James C. Morgan (B.M.E. '60, M.B.A. '63): chairman of Applied Materials Inc., the world's largest producer of semiconductor microchip equipment; 1996 recipient of National Medal of Technology

Toni Morrison (A.M. '55): author and winner of the 1988 Pulitzer Prize and 1993 Nobel Prize for literature

John R. Mott (Ph.B. 1888): evangelist and missionary; co-winner of the 1946 Nobel Peace Prize for his efforts to bring all nations together in dialogue

Edmund Muskie (LL.B. '39): Maine governor 1955–59; U.S. senator 1959–80, presidential candidate 1968, secretary of state 1980–81

Drew Nieporent (B.S. '77): owner of the national Myriad Restaurant Group

Bill Nye (B.S.M.Eng. '77): popular-science media host and author

Perry D. Odak (B.S. '68): president and CEO of Wild Oats Markets Inc., which earned top-retailer honors among *Business Ethics* magazine's Top 100 Corporate Citizens; founder/reviver of entrepreneurial ventures that translate strong social and environmental missions into financial returns

Keith Olbermann (B.S. '79): anchor of the MSNBC nightly newscast program *Countdown with Keith Olbermann*

Douglas Osheroff (M.S. '71, Ph.D. '73): co-winner (with Cornell faculty members Robert C. Richardson and David M. Lee) of the 1996 Nobel Prize in physics

Jean W. Pape (M.D. '75): Weill Cornell professor of medicine; pioneering infectious-disease expert, Legion of Honor winner, and co-founder/director of the internationally known Haitian Study Group on Kaposi's Sarcoma and Opportunistic Infection (Gheskio)

Frederick Douglass Patterson (Ph.D. '33): educator, philanthropist, and founder of the United Negro College Fund; recipient of the Presidential Medal of Freedom 1987

Thomas Perry (A.B. '69): novelist; Edgar Award winner

Tom Peters (B.C.E. '65, M.E.C. '66): management consultant-author

Aric J. Press (B.S. '71): editor-in-chief of *The American Lawyer* magazine; former *Cornell Daily Sun* editor

Richard J. Price (B.S. '71): novelist and screenwriter

Thomas Pynchon (A.B. '59): novelist and short-story writer

Isidor Isaac Rabi (B.Chem. '19): winner of the 1944 Nobel Prize in physics

Bruce S. Raynor (B.S. '72): president of UNITE HERE (the merger of the Union of Needletrades, Industrial and Textile Employees with the Hotel Employees and Restaurant Employees International Union)

Christopher Reeve (A.B. '74): actor, director, author, and activist for medical research

Steve Reich (A.B. '57): composer of contemporary music

Janet Reno (A.B. '60): juvenile-justice-system and domestic-abuse-prevention advocate; U.S. attorney general 1993–2000; member of the National Women's Hall of Fame

William P. Rogers (LL.B. '37): U.S. attorney general 1958–61 and secretary of state 1969–73

Susan Rothenberg (B.F.A. '67): painter

Gordon F. Sander (A.B. '72): journalist, historian, and photographer

Dick Schaap (B.S. '55): sports commentator, journalist, and author; **Jeremy A. Schaap** (A.B. '91): television sports journalist

Nancy Schlichting (M.B.A. '79): CEO of the four-hospital Henry Ford Health System in Detroit

Thelma Schoonmaker (A.B. '61): Oscar-winning film editor; has worked on every Scorsese film

Jason Seley (A.B. '40): sculptor; Cornell faculty member

Jimmy Smits (M.F.A. '82): actor

Steven W. Squyres (A.B. '78, Ph.D. '81): Goldwin Smith Professor of Astronomy at Cornell; NASA's principal investigator for the instrumentation packages carried on the 2003 Mars Exploration Rover (Athena) missions

Tim Squyres (A.B. '81): editor of documentaries and films by Ang Lee



Steven E. Stucky (M.F.A. '73, D.M.A. '78): the Given Foundation Professor of Composition at Cornell; won the 2005 Pulitzer Prize for music for his *Second Concerto for Orchestra*, which was performed for the first time by the Los Angeles Philharmonic on March 12, 2004



Pedro Sanchez (B.S. '62, M.S. '64, Ph.D. '68): winner of the 2002 World Food Prize, and chair of the U.N. Millennium Project Hunger Task Force; his pioneering methods for reviving tropical agriculture while saving threatened rainforests have restored fertility to the poorest and most-depleted soils in Africa and Latin America, and transformed the lives of hundreds of thousands of small-scale farmers

Warren Staley (M.B.A. '67): chairman and CEO of Cargill, Incorporated, America's largest private company; member of George W. Bush Administration's President's Export Council

Jack L. Stempler (LL.B. '48): award-winning distinguished civilian service in U.S. Department of Defense 1948–81 as counsel and assistant to secretaries of defense; executive of LTV Aerospace Corporation 1982–92

Terry C. Stewart (M.B.A. '72, J.D. '74): president and CEO of the Rock and Roll Hall of Fame and Museum

William Strunk (Ph.D. 1896): educator and editor; co-author (with E. B. White, A.B. '21) of *Elements of Style*

Kyung-Bae Suh (M.B.A. '87): president and CEO of Seoul-based Amore Pacific Corp., among the world's top-30 cosmetics manufacturers

Ratan N. Tata (B.Arch. '62): India-based international business leader

Myron C. Taylor (LL.B. 1894): industrialist; chairman of U.S. Steel Co. 1932–38; U.S. envoy to the Vatican 1939–50; President Truman's special-missions representative 1950–52

Jennifer Tipton (A.B. '58): theatre lighting designer

Elbert Tuttle (A.B. '18, LL.B. '23): chief judge, U.S. Court of Appeals; ruled on fundamental 1954 civil-rights cases

Glenn "Pop" Warner (LL.B. 1894): innovative coach who dominated American college football during the 1920s; created the single-wing attack, double-wing formation, and numerous other offense maneuvers

Sanford I. Weill (A.B. '55): financier and philanthropist

Steven Weinberg (A.B. '54): 1991 National Medal of Science winner; co-winner (with Sheldon Glashow, A.B. '54) of the 1979 Nobel Prize in physics

Rhonda (Randi) Weingarten (B.S. '80): president of the United Federation of Teachers

E. B. White (A.B. '21): writer (*Charlotte's Web*, *Stuart Little*) and editor; co-author (with William Strunk, Ph.D. 1896) of *Elements of Style*

Paul D. Wolfowitz (A.B. '65): U.S. undersecretary of defense 1989-93; George W. Bush Administration U.S. deputy secretary of defense 2000–05, appointed World Bank president 2005

Sheryl WuDunn (A.B. '81): journalist; winner of the 1990 Pulitzer Prize for coverage of the Tiananmen Square protests in Beijing

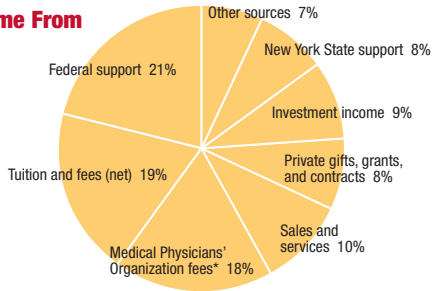
Peter Yarrow (A.B. '59): musician; activist for ridicule-free environments for children



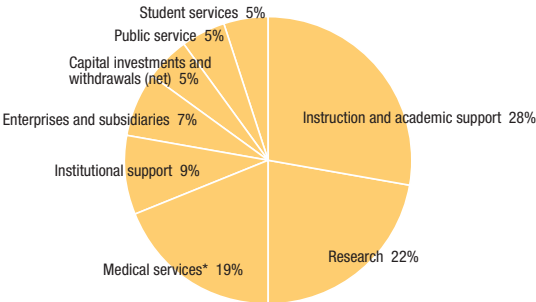
General Operations

In support of general operations for the fiscal year 2003-04, total revenues were \$2,027,105,000 and total expenditures were \$2,022,151,000 (to the nearest thousand).

Where the Funds Came From



Where the Funds Went



University Endowment

Market value, June 30, 2004 \$3,314,229,000

Percent change from June 30, 2003 +13.7%

Gift Support for All Purposes, 2003-04

Total \$385,936,000

Percent change from 2002-03 +21.7%

Research Expenditures, 2003-04

Total \$537,725,156

Percent change from 2002-03 +6.6%

* The medical practice of the full-time clinical faculty at NewYork-Presbyterian Hospital, Weill Cornell Medical College, and Weill Cornell Graduate School of Medical Sciences.

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