

2007-08

facts

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

EZRA CORNELL, OCTOBER 1868 OPENING-DAY ADDRESS

2007
the bicentennial year
of ezra cornell's birth





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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.

Identity Cornell is the federal land-grant institution of New York State, a private endowed university, a member of the Ivy League/Ancient Eight, and a partner of the State University of New York. Cornell has been described as the first *truly* American university because of its founders' revolutionarily egalitarian and practical vision of higher education, and is dedicated to its land-grant mission of outreach and public service.

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 Tanner Dean: G. Peter Lepage

College of Engineering

Joseph Silbert Dean: W. Kent Fuchs

School of Hotel Administration

Dean: Michael D. Johnson

College of Human Ecology*

Interim Dean: Alan D. Mathios [effective 7/1/07]

School of Industrial and Labor Relations*

Dean: Harry C. Katz

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

Interim Dean: L. Joseph Thomas [effective 7/1/07]

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: Michael Kotlikoff [effective 7/1/07]

OTHER ACADEMIC UNITS

Faculty of Computing and Information Science

Dean: Robert L. Constable

School of Continuing Education and Summer Sessions

Dean: Glenn C. Altschuler

Cornell University Library

Interim University Librarian: Anne Kenney

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 joint CNI Master of Management in Hospitality degree program is in operation.

In September 2002, the new Weill Cornell Medical College in Doha, Qatar, inaugurated its two-year pre-medical program. The full medical-degree program began in this Persian Gulf nation in September 2005. The medical college is funded by the Qatar government through the Qatar Foundation and operated by Cornell.

* Original designated Cornell land-grant unit; currently a designated New York State contract college at Cornell.

FACULTY "EXEMPLARS OF EXCELLENCE"



John H. Blume, associate professor of law, and director of the Cornell Death Penalty Project: Blume joined the Cornell Law School faculty in 1993, and co-founded the Cornell Death Penalty Project with assistant director and professor of law Sheri Johnson. The project conducts research on all aspects of capital punishment, provides resources to other lawyers trying death-penalty cases, and represents individuals on death row or defendants charged with capital crimes. The Cornell project is unique in involving second- and third-year

law students in case investigations and preparation of legal briefs and motions, under the supervision of tenured faculty members. Blume has been counsel of record in 11 death-row cases before the U.S. Supreme Court, and asserts that nothing better justifies abolition of the death penalty than the fact that since 1976, 114 people sentenced to death have been found to be innocent. [Photo: DiMeo Photography]



Antje J. Baeumner, associate professor of biological and environmental engineering: Baeumner is working to develop a quick, simple, and cheap immune-system test to detect and monitor HIV/AIDS, similar to the test device she previously developed for detecting the parasite *cryptosporidium parvum* in human and animal intestines. These test systems are designed to provide quality diagnostic health care in resource-limited countries. Her work is part of the CD4 Initiative, an \$8.6 million international consortium funded by the Bill and Melinda Gates Foundation. [Photo provided]

- 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/Ancient Eight 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–Presbyterian/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, Appel Institute for Alzheimer's Research, AIDS Care Program, Center for Complementary and Integrative Medicine, Greenberg Division of Cardiology, Institute of Genetic Medicine, Jay Monahan Center for Gastrointestinal Health, Pain Management Center, and Center for Vascular Biology.

- Cornell's 2005–06 research expenditures totaled \$605.3 million (\$419.1 million of this funding was from federal sources; \$186.2 million was nonfederal). Cornell ranked first in National Science Foundation funding for programs in academic science and engineering in 2003–04 (the most-recent data available).
- The Cornell Center for Technology Enterprise and Commercialization (CCTEC) facilitates the commercial development and use of technological innovations created by Cornell researchers, and encourages related entrepreneurship and economic development, by securing intellectual property rights protection and by marketing and licensing the technologies to businesses. In 2005–06, CCTEC received 237 invention disclosures, helped file 228 U.S. patent applications, distributed \$3.7 million in royalties, licensed 47 inventions to industry, and helped form five start-up companies that are based on Cornell technologies.



Carlos Bustamante and Adam Siepel, assistant professors of biological statistics and computational biology:

Bustamante and Siepel each headed research groups that made key contributions to a recent analysis of the genome of the rhesus monkey, which is similar enough genetically to the human genome to ultimately improve scientists' ability to identify human genes involved in cancer, diabetes, and heart and other diseases. Bustamante's group also recently collaborated with an international group of scientists in identifying a mutation in a single gene that plays a key role in determining body-size differences within and among dog breeds and probably is important in determining the size of humans as well. In 2007 Siepel received a Microsoft Research fellowship for computational genomics and an NSF CAREER grant, and Bustamante received an Alfred P. Sloan Foundation research fellowship, in recognition of their accomplishments. [Siepel photo provided]



Deborah Streeter, the Bruce F. Failing Sr. Professor of Personal Enterprise, Department of Applied Economics and Management: Streeter's "e-Clips" program, a database of more than 7,000 free digital video clips about entrepreneurship, business, and leadership—used in more than 800 universities and 70 countries—is recognized for its role in making education materials widely available and for providing rich curricular material to help develop the field. Streeter won the 2007 Olympus Innovation Award for fostering innovative thinking among students through the use of inventive teaching methods. [Photo provided]



- Forty Nobel laureates have been affiliated with Cornell as faculty members or students. The 2006–07 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, an Andrei Sakharov Prize winner, 3 National Medal of Science winners, 2 Wolf Prize winners, 5 MacArthur award winners, 4 Pulitzer Prize winners, 2 Eminent Ecologist Award recipients, a Carter G. Woodson Scholars Medallion recipient, a Presidential Early Career Award winner, 26 National Science Foundation CAREER grant holders, a recipient of the National Academy of Sciences Award for Initiatives in Research, a recipient of the American Academy of Arts and Letters Academy Award in Literature, a recipient of the American Mathematical Society's Steele Prize for Lifetime Achievement, a recipient of the Heineman Prize for Mathematical Physics, a recipient of the Benjamin Franklin Medal in Earth and Environmental Science, 2 Packard Foundation grant holders, a Beckman Foundation Young Investigator grant holder, and a NYSTAR (New York State Office of Science, Technology, and Academic Research) early career award winner.

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 encompass nearly 300 acres on or near the Ithaca campus, including specialty gardens, woodlands and gorges, and the arboretum’s trees, shrubs, wetland plants, and field flowers.

These areas are open year-round from dawn to dusk. Cornell Plantations also manages 4,000 acres of natural areas in and around Tompkins County.

These areas provide excellent examples of native vegetation and habitats, and serve as resources for students and researchers.



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

▼ joint study and exchange programs with China, India, and Singapore; 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)

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

Cornell 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.

Some highlights of the 2006–07 Big Red season: For the first time since 1988, the men's lacrosse team advanced to the Final 4 round of the NCAA Division I Championship, as the only team with a perfect season in the division. "Winningest" *active* goalie in Division I and *all-time* Cornell goalie Matt McMonagle was the unanimous choice for Ivy League Player of the Year, and 7 of the 12 players on the All-Ivy first team were Big Red. The women's cross country team won the ECAC championship for the 2nd straight season—the 9th time in 10 years that Big Red women have placed in the ECAC top 3, and the women's track and field team won a 6th consecutive Heptagonals outdoor team championship (the 11th consecutive Heps track-team title, counting both indoor and outdoor events). The Big Red sprint football team had its 1st perfect season since 1982 and clinched the Collegiate Sprint Football League title for the 1st time since 1986. Kari Kucera became the 1st Cornell gymnast to win a USAG national title, and Big Red coaches Beckwith and Dilliplane were named coaches of the year by USAG.



- ▼ Cornell Cooperative Extension educators fulfilling their land-grant mission of public service and outreach by serving local communities in each of New York State's 62 counties (which include all 5 New York City boroughs)
- ▼ the School of Industrial and Labor Relations extension-service regional education centers in Albany, Buffalo, New York City, and Rochester

- ▼ New York Sea Grant extension offices in Brockport, Buffalo, Kingston, Long Island City, New York City, Oswego, Riverhead, Stony Brook, and Yapank
- ▼ 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 Arnot Teaching and Research Forest natural-resources center in Tompkins and Schuyler Counties

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—Presbyterian/Weill Cornell
Medical Center, New York City

The 2005–06 holdings of
Cornell University Library's
20 member libraries included:

- 7,708,728 volumes
- 8,340,818 microforms
- 115,765 sound recordings
- 250,050 maps
- 70,271 cubic feet of manu-
script material
- 60,948 journal and other
serial subscriptions

● CORNELL UNIVERSITY LIBRARY IS ONE OF THE TEN LARGEST ACADEMIC RESEARCH LIBRARIES IN NORTH AMERICA, AND A NATIONAL LEADER IN THE USE OF DIGITAL TECHNOLOGIES AND ELECTRONIC RESOURCES. ITS WEB PORTAL RECEIVES CLOSE TO 9 MILLION VISITS PER YEAR. ● CUL'S 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. ● CUL'S OPEN-SOURCE PUBLICATION MANAGEMENT SYSTEM (DPUBS) PROVIDES A MORE AFFORDABLE WAY TO PUBLISH SCHOLARLY RESEARCH ONLINE. CUL ALSO SUBSCRIBES, OR OTHERWISE PROVIDES ACCESS, TO MORE THAN 394,500 ELECTRONIC BOOKS, JOURNALS, DATABASES, AND OTHER NETWORKED RESOURCES, INCLUDING MORE THAN 55 LOCALLY CREATED DIGITAL COLLECTIONS, SUCH AS "MAKING OF AMERICA" (CDL.LIBRARY.CORNELL.EDU/MOA), USED BY PEOPLE AROUND THE WORLD.

NATIONAL SCIENCE FOUNDATION

National Research Centers:

Cornell Laboratory for Accelerator-Based Sciences and Education (CLASSE)— • Cornell High Energy Synchrotron Source (CHESS) [a National User Facility], and 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 COMMERCE

Economic Development Administration (EDA) University Center:

EDA University Center for New York State at Cornell [a partnership of Cornell Community and Rural Development Institute (CaRDI), Cornell Cooperative Extension (CCE), and Cornell Center for Technology Enterprise and Commercialization (CCTEC)]

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

Stewardship Science Academic Alliances Center of Excellence:

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

SunGrant Initiative Institute of Excellence:

Cornell is the Northeast SunGrant Institute of Excellence

U.S. DEPARTMENT OF EDUCATION

National Resource Centers:

East Asia Program

South Asia Program

Southeast Asia Program

Institute for 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

Bioacoustics Research Program

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 Reproductive Genomics

Center for the Environment (CfE)

Center for the Study of Economy and Society (CSSES)

Center for the Study of Inequality (CSI)

Center for Vertebrate Genomics

Cognitive Science Program

Cornell Agriculture and Food Technology Park (CAFTP)

Cornell Computational Synthesis Lab (CCSL)

Cornell Food and Nutrition Policy Program (FNPP)

Cornell Fuel Cell Institute (CFCI)

Cornell Higher Education Research Institute (CHERI)

Cornell Institute for Labor Market Policies

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
 Global Health 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–Presbyterian/Weill Cornell Medical Center
 New York State Integrated Pest Management Program (IPM)
 New York State Water Resources Institute (WRI)
 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
 Joan and Sanford I. Weill Institute for Cell and Molecular Biology
 Wiener Laboratory for Aegean and Near Eastern Dendrochronology
 Zoonoses Research Unit

OUTREACH AND SERVICE UNITS:

Animal Health Diagnostic Center (AHDC)
 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 Death Penalty Project
 Cornell Feline Health Center
 Cornell Information Technologies (CIT)
 Cornell Institute for Biology Teachers (CIBT)
 Cornell Institute for Digital Collections (CIDC)
 Cornell Institute for Social and Economic Research (CISER) [a U.S. Census Bureau Research Data Center]
 Cornell Laboratory of Ornithology

OUTREACH AND SERVICE UNITS, CONTINUED:

Cornell Legal Aid Clinic
Cornell Local Government Program
Cornell Local Roads Program [a Federal Highway Administration center]
Cornell Migrant Program (CMP)
Cornell Plantations
Cornell Pro-Dairy
Cornell's Adult University (CAU)
Cornell United Religious Work (CURW)
Cornell University Center for Documentation on American Law
Cornell University Institute for Policy Research (CUIPR)
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
Lesbian/Gay/Bisexual/Transgender Resource Center
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

A RECENT PRODUCT OF CORNELL RESEARCH:



Cornell is the Northeast SunGrant Institute of Excellence for the federal SunGrant Initiative program sponsored by the U.S. Department of Energy. The mission is to use land-grant institutions across the nation to accomplish a national transition to renewable bio-based energy technologies. As part of that effort, Professor Jerome Cherney, in Cornell's Department of Crop and Soil Sciences, is investigating the feasibility of using switchgrass as a bioenergy source. He is shown here with the grass-pellet stove installed in Cornell's Big Red Barn Graduate and Professional Student Center—the first public demonstration in New York State of this new biofuel technology. [Photo: Kris Corda]

Cornell Outreach and Service: Land-Grant University to the World . . .

Cornell University formally opened on October 7, 1868, as the federal land-grant institution of New York State, under the Morrill Act of 1862.

Most of the initial funding for the university came from New York State's sale of large tracts of land granted by the U.S. Government under the 1862 Morrill Act, signed by President Abraham Lincoln. These federal land grants were allocated to each state to establish and support a "land-grant" educational institution, required to teach branches of learning related to agriculture, military tactics, and the mechanic arts as well as classical studies, so that a much broader segment of the American population could obtain a liberal, practical education that was directly related to their daily lives.

The land-grant precepts and goals were totally compatible with the very specific—and progressive—beliefs of Cornell University co-founders Ezra Cornell and Andrew Dickson White about what higher education should accomplish. Both men wanted to expand the existing limited American model of higher education in the classics and ancient history by offering courses on modern moral philosophy, literature, government, history, political economy, and science, as well as instruction in agricultural science, veterinary medicine, mechanics, engineering, and architecture. And they wanted *their* university to be open to all students, regardless of sex, race, religion, nationality, or ability to pay.

The early land-grant institutions were the precursors of America's large publicly controlled state universities. They eventually created cooperative-extension systems dedicated to making useful information, assistance, and training available not only to the residents of their host states but also to the general public.

With some justification, Cornell has been described as the first *truly* American university, and its combination of joint identities as the federal land-grant institution of New York State, a private endowed university, a member of the Ivy League/Ancient Eight, and a partner of the State University of New York truly *is* unique. From its very beginnings, Cornell has striven to do justice to the revolutionarily practical and egalitarian ideals of its founders as well as to its land-grant mission of accessibility and opportunity, outreach, and public service.

Today, the Cornell Cooperative Extension system, and Cornell University as a whole, reach and serve individuals, communities, organizations, and institutions in large urban settings as well as in small towns and isolated rural areas—within New York State, throughout the nation, and across international boundaries—assisting in and seeking to improve virtually every area of human endeavor and concern.

Cornell's Economic Impact in New York State

Cornell University is a financial powerhouse for New York State, generating directly and indirectly \$3.3 billion in economic activity and more than 36,000 jobs in 2005 alone, per a 2007 report commissioned by the university's administrators. Cornell led the state in research spending (\$562 million), and its teaching, land-grant mission, and Cornell Cooperative Extension efforts raise the quality of life for citizens in the state through business development, services to residents in need, and applied research.

KUDOS to Cornell Students ▶▶

The most active and passionate synthesizers of all of Cornell's gifts and wonders are our students. ▶▶ They seek out the vast riches across boundaries and point us in critical directions, functioning as catalysts of connections and discoveries, by virtue of their own curiosity and interests and requirements. ▶▶ Great scholar-teachers are focused on what students learn and how best to ensure that they do.—from *Provost Bidy Martin's 2007 Academic State of the University Address*.

"You can try some of your riskiest ideas with undergrads because their diplomas don't depend on the idea working out, and they're some of the best brainstormers you'll ever find."—*Paul Steen, professor of chemical and biomolecular engineering*. ▶▶ Steen, who "plays with soap bubbles for a living," is an ingenious inventor (he holds three patents) dealing with fluid mechanics and harnessing the power of surface tension for practical energy-conserving industrial applications. He is also an enthusiastic mentor to Cornell undergraduate and graduate students.



"I think providing a chance to learn how to raise an interesting question and answer it clearly in writing is one of the best things we can do for our students."—*Robert Frank, professor of economics and of management*. ▶▶ An award-winning author and commentator, Frank specializes in making economic analysis and theory accessible and applicable to "real life." His latest book, *The Economic Naturalist:*

In Search of Explanations for Everyday Enigmas, was inspired by, and includes more than two decades worth of, students' responses to his ECON 101 course assignment to pose an interesting question about some event, product, or behavior they personally have observed, and to formulate an explanation in terms of economic principles. Frank teaches the course as part of the John S. Knight Institute's Writing in the Majors program, which incorporates the development of writing and reasoning skills into the curriculum of selected science and math courses. Frank will donate half the book's royalties to the Knight Institute in gratitude to the program and the students' contributions.



Solar panels on Day Hall's roof

Talented, creative, public-service oriented, global citizens, concerned about the environment, committed to making a difference—our students inspire us all in countless and often unexpected ways . . .

- **Cornell students, particularly undergraduates, have been remarkably effective advocates and developers of sustainability-promoting policies, practices, and activities**—at individual lifestyle, institutional and national, and global-initiative levels. **They insist that Cornell be a model in this effort, not only in its research and teaching activities but also in its institutional operations.** Cornell has issued its first Green Report, outlining its "environmental footprint" and efforts to progress toward climate neutrality, and President Skorton signed the American University and College Presidents Climate Commitment—a major goal of **the Cornell student group KyotoNOW!**, which **won the national MTV–Campus Climate Challenge contest** for its campaign to reduce pollution that leads to global warming.

- **Sandeep Kishore, an M.D.-Ph.D. student at Weill Cornell Medical College, is dedicated to the study of global health.** So he worked with Weill Cornell faculty members and students and with the national organization Universities Allied for Essential Medicines **to organize a forum on neglected tropical diseases.** Participants in **the resulting January 2007 Tri-Institutional Forum**—co-sponsored by Weill Cornell Medical College, Memorial Sloan-Kettering Cancer Center, and the Rockefeller University—**included world leaders in global health, and highlighted the diverse large-scale collaborations on global public-health issues under way between the Cornell Ithaca and New York City campuses.**

- **Cornell's student-run Translator-Interpreter Program (TIP) is about to go national** in response to requests from students at other schools across the country who want to form similar chapters. TIP's 70-some **volunteers are collectively fluent in more than 24 languages**, carefully trained in program protocols and on sensitive issues, and **ready 24/7 to translate written material and interpret oral speech in medical and legal emergencies or other situations where language is a problem**. For their services and skills they have earned the gratitude of agencies and individuals throughout the Ithaca area, **a Robinson-Appel Humanitarian Award**, and the ongoing support of Cornell's Public Service Center.

- The world premiere of ***The Beat Box Bard***, an original collaboration of theatre, concert, and improvisational performance art, had a sold-out run at Cornell's Schwartz Center for the Performing Arts. Blending urban music, beat-boxing vocal percussion, and the words of William Shakespeare, directed by Cornell professor of theatre arts Bruce Levitt, and **performed by students from Levitt's Alternative Shakespeare class** and New York City beat-boxer Adam Matta, the show put a new, contemporary spin on the bard's sonnets and soliloquies.



Students' satellite model

- During the past two years, **more than 200 Cornell undergraduate and graduate engineering students were involved in developing an innovative model of a pair of satellites** designed to maneuver precisely in outer space and relay visuals that could be used to diagnose problems (such as the status of tiles on space shuttles). The project has been funded by the University Nanosatellite Program (UNP), engineering alumni, Cornell, and corporate sponsors, and **won the UNP's Nanosat-4 competition held by the U.S. Air Force and the American Institute of Aeronautics and Astronautics, which includes a free launch by NASA into orbit** "far, far above Cayuga's waters." That launch will require another two years or so of development and additional sponsors, but in the meantime, many of the student project members are being intensively recruited by NASA and the aerospace industry.

- Numerous "graduates" of the ***Cornell Daily Sun***, an independent (since 1969) student-produced newspaper, have developed award-winning careers as journalists, writers, and commentators, and several have received Pulitzer Prizes. But **Michael Morisy '07, a former *Sun* managing editor, has had a Pulitzer experience while still an undergraduate at Cornell**. The 2007 Pulitzer Prize for editorial writing was awarded to three editorial-page staff members of the *New York Daily News* who produced a series of "compassionate and compelling editorials on behalf of Ground Zero workers whose health problems were neglected by the city and the nation." Morisy was **a student intern at the *New York Daily News*** during the series, and assisted by dealing with initial contacts from the workers, doing written summaries for the editorial writers, and following up with additional in-depth interview assignments. Morisy was a guest at the Pulitzer awards dinner, and plans to apply for a postgraduation job at the *New York Daily News*, among other places.



- The creators of **SlopeRadio, a student-produced online radio station at Cornell** that began broadcasting in fall 2005 from the founders' fraternity house and is now an established Cornell-affiliated student organization, have expanded their operations to include TV and a magazine, collectively renamed the **Slope Media Group**. The goal is **to provide a platform of student-run media outlets at Cornell that will enable students to create and broadcast professional-quality productions**.



David J. Skorton: President of the University

Carolyn (Biddy) 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

Carolyn N. Ainslie: Vice President for Planning and Budget

Thomas W. Bruce: Vice President for University Communications

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

Stephen Philip Johnson: Vice President for Government and Community Relations

Polley Ann McClure: Vice President for Information Technologies

Richard W. McDaniel: Vice President for Business Services and Environmental Safety

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

Mary George Opperman: Vice President for Human Resources

Charles D. Phlegar: Vice President for Alumni Affairs and Development

Kyu-Jung Whang: Vice President for Facilities Services

Robert C. Richardson: Senior Vice Provost for Research

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

Charles R. Fay: Vice Provost for Research Administration

David R. Harris: Vice Provost for the Social Sciences

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

Stephen Kresovich: Vice Provost for the Life Sciences

Michele M. Moody-Adams: Vice Provost for Undergraduate Education

Alan Paa: Vice Provost for Technology Transfer and Economic Development

Ronald Seeber: Vice Provost for Land Grant Affairs

John A. Siliciano: Vice Provost

David Wippman: Vice Provost for International Relations

Stephen M. Cohen: Associate Provost for Medical Affairs

Doris Davis: Associate Provost for Admissions and Enrollment

Stephen F. Hamilton: Associate Provost for Outreach

Helene Dillard: Director of Cornell Cooperative Extension

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

Charles Walcott: Dean of the University Faculty

- I believe we have made progress this year in confronting important issues related to what it means to be part of an inclusive campus community.
- I believe we have learned a great deal together about how to have the sorts of conversations we need to have in order to create change.
- I am especially heartened by the progress we have made on diversity issues, and I look forward to continuing our progress with the support, leadership, and encouragement of the University Diversity Council and through the self-governance processes under way to foster greater community involvement.

David J. Skorton
President of Cornell University

Faculty, 2006-07*

College of Agriculture and Life Sciences	385
College of Architecture, Art, and Planning	51
College of Arts and Sciences	529
College of Engineering	241
School of Hotel Administration	41
College of Human Ecology	90
School of Industrial and Labor Relations	50
Law School	46
Johnson Graduate School of Management	55
College of Veterinary Medicine	133
Other	<u>6</u>
• Total nonmedical divisions	1,627
• Medical divisions ▼	<u>1,099</u>

▼ NYC Weill Cornell Medical College and Weill Cornell Graduate School of Medical Sciences; and Qatar Weill Cornell Medical College

TOTAL UNIVERSITY 2,722

Staff, 2006-07**

Nonmedical divisions	8,655
Medical divisions ▼	<u>2,849</u>

▼ NYC Weill Cornell Medical College and Weill Cornell Graduate School of Medical Sciences; and Qatar Weill Cornell Medical College

TOTAL UNIVERSITY 11,504

* Regular full-time and part-time professorial faculty members. Qatar Weill has 42 professorial faculty members [15 in its pre-medical program and 27 in its medical-degree program]. NYC Weill medical-division units have additional external affiliations with 1,001 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. NYC Weill has 153 non-professorial-faculty academic employees and 2,544 nonacademic employees; Qatar Weill has 15 non-professorial-faculty academic employees and 137 nonacademic employees. NYC Weill medical-division units have additional external affiliations with 187 full-time and part-time non-professorial-faculty academic employees elsewhere.

CIT CORNELL Information Technologies

Under the purview of Cornell's Office of Information Technologies, CIT is the central information technology organization for the Cornell community of students and faculty and staff members, and for 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. For example, Cornell's Faculty Innovation in Teaching program has recently focused on implementing instruction technologies to enhance teaching and learning in large-enrollment courses. CIT's Academic Technology and Media Services unit is providing assistance with project planning, instruction design, web programming, video production, and other related services.

Enrollment, Fall 2006*

UNDERGRADUATE UNIT

College of Agriculture and Life Sciences	3,182
College of Architecture, Art, and Planning	495
College of Arts and Sciences	4,189
College of Engineering	2,782
School of Hotel Administration	858
College of Human Ecology	1,205
School of Industrial and Labor Relations	819
Internal Transfer Division	<u>32</u>
•Total undergraduate	13,562

GRADUATE/PROFESSIONAL UNIT

Graduate School	4,354
Law School [J.D.]	564
Johnson Graduate School of Management [M.B.A.]	827
College of Veterinary Medicine [D.V.M.]	<u>332</u>
•Total graduate/professional, Ithaca	6,077

Total undergraduate and graduate/professional, Ithaca 19,639*

Weill Cornell Medical College (NYC: 405; Qatar: pre-medical program 90, medical-degree program 61) [M.D.] 556

Weill Cornell Graduate School of Medical Sciences 373

Physician Assistant Certificate 70

•Total Weill medical graduate/professional 999

Total university 20,638*

* On-campus and off-campus registrants; includes 381 participants in one-semester or two-semester study-abroad programs or other temporary off-campus activities, and 38 participants in employee-degree programs.

Student Gender and Ethnicity, Fall 2006

UNDERGRADUATES

Male 51% Female 49% Minority* 29%

GRADUATE/PROFESSIONAL STUDENTS

Ithaca:

Male 58% Female 42% Minority* 15%

Medical, New York City:

Male 45% Female 55% Minority* 29%

Medical, Qatar:

Pre-Medical Program (90 students): Male 50% Female 50%

Medical-Degree Program (61 students): Male 46% Female 54%

* 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 2006

(Ithaca campus only)

Middle Atlantic	17%
Midwest	7%
New England	9%
New York State	32%
Southeast	6%
Southwest	2%
Far West	10%
International, and United States possessions	18%

Tuition and Student-Activities Fees, 2006-07

UNDERGRADUATE UNIT*

Private	\$32,981
State contract	
Resident:	\$18,241
Nonresident entering:	\$31,881
Nonresident continuing:	
second-year	\$31,881; third- and fourth-year
	\$30,681

GRADUATE/PROFESSIONAL UNIT

Graduate School**	
Private	\$32,868
State contract	\$20,868
Law (LL.M.)	\$42,568
Professional master's	\$31,768
Veterinary medicine	\$20,868
Law School (J.D.)	
Entering:	\$40,648
Second-year:	\$39,708
Third-year:	\$38,918
Johnson Graduate School of Management (M.B.A.)	\$38,868
Weill Cornell Medical College (M.D.)	\$34,425
Weill Cornell Graduate School of Medical Sciences (Ph.D., M.S.)	\$25,310
College of Veterinary Medicine (D.V.M.)	
Resident:	\$23,068
Nonresident:	\$33,068

* 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, 2005-06

Total amount of financial aid awarded	\$189,830,886
Percentage of students receiving financial aid	64%
Percentage of students receiving Cornell-administered financial aid	53%



Degrees Granted, 2005-06

Bachelor's degrees	3,534
Master's degrees	1,596
Doctoral degrees	512
Other (J.D. 192, M.D. 101, D.V.M. 86)	379
TOTAL UNIVERSITY	6,021

Living Graduates

By College, August 2006

College of Agriculture and Life Sciences	51,175
College of Architecture, Art, and Planning	7,345
College of Arts and Sciences	65,354
College of Engineering	47,485
Graduate School: all but are included in the college of their Special Committee chairperson	3,965
School of Hotel Administration	10,070
College of Human Ecology	20,235
School of Industrial and Labor Relations	10,441
Law School	9,300
Johnson Graduate School of Management	11,382
Weill Cornell Medical College and Weill Cornell Graduate School of Medical Sciences	8,812
College of Veterinary Medicine	4,412
TOTAL UNIVERSITY	249,976

Cornell ranked fourth in gifts and bequests from alumni and fifth 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 2005-06 (the most-recent data available).

By Region, August 2006

Middle Atlantic	15%
Midwest	8%
New England	12%
New York State	27%
Southeast	11%
Southwest	3%
Far West	16%
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): U.S. National Soccer Team coach 1998–2006

Andre T. Balazs (A.B. '79): award-winning hotelier and real-estate developer

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

Samuel (Sandy) R. Berger (A.B. '67): international political consultant; national security advisor 1993–2000

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

John R. Clark Sr. (M.B.A. '72): federal-government executive, mentor to young African Americans, and Point of Light recipient for outstanding volunteerism

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; 2001 co-winner of the first-ever Oscar 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



Joshua O. (Josh) Bernstein (A.B. '93): host of the History Channel's hit series *Digging for the Truth*, ardent environmentalist, president and CEO of BOSS (the Boulder Outdoor Survival School), member of the Explorers Club, and professional photographer [Photos provided]



Selected Graduates of Note

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, Intl.

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

Peter D. Eisenman (B.Arch. '54): innovative award-winning designer of large public structures

Robert F. Engle (M.S. '66, Ph.D. '69): co-winner of the 2003 Nobel Memorial Prize in economic sciences

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

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): university professor, 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): *Newark Star-Ledger* reporter and co-winner of the 2005 Pulitzer Prize for 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, and former 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

Jules B. Kroll (A.B. '63): founder of the modern corporate investigative and security industry; Kroll Inc. is a leading international risk-consulting company

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 University (2003–05); 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): computer scientist and electrical engineer who helped develop technology and algorithms for digitizing 3D objects that led to the Digital Michelangelo Project

Ruth Levy (B.S. 2002): Cornell Army ROTC graduate with a degree in biological and environmental engineering; captain in the U.S. Army Corps of Engineers and veteran of two tours of public-works service in Iraq

Eric E. Lichtblau (A.B. '87): Washington correspondent for the *New York Times* (and former *Cornell Daily Sun* reporter); co-winner with colleague James Risen of the 2006 Pulitzer Prize for national reporting on the U.S. domestic spying program

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

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. '72): 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. '77): popular-science media host and author

Summer Rayne Oakes (B.S. 2004): fashion model and media advocator of sustainably produced textiles and garment-industry products

Perry D. Odak (B.S. '68): 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)

Roy Park Jr. (M.B.A. '63): president and CEO of Park Outdoor Advertising; public-service-oriented benefactor and Cornell trustee

Wilbur Parker (B.Eng. '50, M.B.A. '50): a former U.S. Air Force Tuskegee airman and the first black student to graduate from the Cornell Johnson Graduate School of Management; worked in municipal government and education

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

Pedro Sanchez (B.S. '62, M.S. '64, Ph.D. '68): pioneering developer of restorative and sustainable agricultural and environmental practices; chair of the U.N. Millennium Project Hunger Task Force; winner of the 2002 World Food Prize

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

Marilyn Tebor Shaw (A.B. '76): lawyer; full-time pro bono legal advisor and board member of the Nomadic Kenyan Children's Educational Fund

Jimmy Smits (M.F.A. '82): television, screen, and stage 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

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): provided 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*

Steven E. Stucky (M.F.A. '73, D.M.A. '78): the Given Foundation Professor of Composition at Cornell; winner of the 2005 Pulitzer Prize for music for his *Second Concerto for Orchestra*

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): award-winning 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

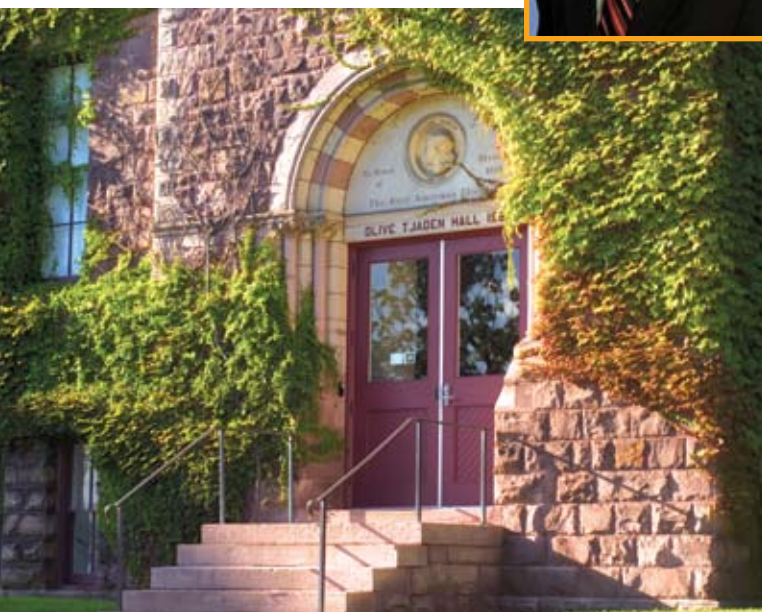
E. B. White (A.B. '21): writer (*Charlotte's Web*, *Stuart Little*) and editor; co-author (with William Strunk, Ph.D. 1896) of *Elements of Style*

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, World Bank president 2005–07

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

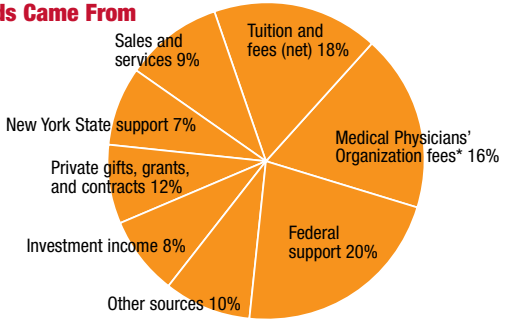
Earl Sawit Valencia (M.Eng. 2005):
a systems engineer in the space and airborne systems division of Raytheon, a Massachusetts-based defense and aerospace systems company; honored by National Engineers Week, a 70-member coalition of corporations, government agencies, and other groups, in 2007 as a "New Face of Engineering," an award that recognizes outstanding abilities and leadership in his field [Photo provided]



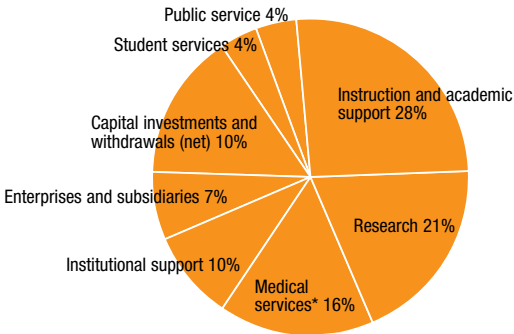
General Operations

In support of general operations for the fiscal year 2005-06, total revenues were \$2,404,327,000 and total expenditures were \$2,391,238,000 (to the nearest thousand).

Where the Funds Came From



Where the Funds Went



University Endowment

Market value, June 30, 2006 \$4,385,163,000

Percent change from June 30, 2005 + 13.6%

Gift Support for All Purposes, 2005-06

Total \$397,002,000

Percent change from 2004-05 + 9.8%

Research Expenditures, 2005-06

Total \$605,340,817

Percent change from 2004-05 + 7.8%

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

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