FACT BOOK

Johns Hopkins

Everything you wanted to know about America’s first research university
We began by asking big questions.
“What are we aiming at?”

That’s the question Daniel Coit Gilman asked in 1876, at his inauguration as Johns Hopkins University’s first president. His answer, in part: “The encouragement of research . . . and the advancement of individual scholars, who by their excellence will advance the sciences they pursue, and the society where they dwell.”

Gilman believed that teaching and research are interdependent, that success in one depends on success in the other, and that a modern university must do both well. Johns Hopkins was the nation’s very first research university, and the realization of Gilman’s philosophy here, and at other institutions that later attracted Johns Hopkins–trained scholars, revolutionized higher education in America.

Nearly 140 years later, Johns Hopkins remains a world leader in both teaching and research, with nine academic divisions—the Krieger School of Arts and Sciences, the Whiting School of Engineering, the Bloomberg School of Public Health, the Carey Business School, the Peabody Institute, the Paul H. Nitze School of Advanced International Studies, and the schools of Medicine, Nursing, and Education—plus the Applied Physics Laboratory, a nonacademic division that supports national security and pursues space science, exploration of the solar system, and other civilian research and development.

1. The university’s graduate programs in nursing, public health, and biomedical engineering rank No. 1 in the nation, according to U.S. News & World Report. The School of Education is tied at No. 2, and the School of Medicine is tied at No. 3 on the list of research-oriented medical schools. The university itself is No. 10 on the list of top national universities. Its undergraduate engineering program is tied at No. 14. The university is tied at No. 5 among high school counselors.

2. Johns Hopkins claims 36 Nobel laureates past and present. Among current faculty, there are four—as well as 52 American Academy of Arts and Sciences members; 57 members of the Institute of Medicine, seven recipients of the Lasker Medical Research Award, six MacArthur fellows, four members of the National Academy of Engineering, 27 members of the National Academy of Sciences, two Presidential Medal of Freedom winners, and one Pulitzer Prize winner.

3. It is the leading U.S. academic institution in total research and development spending. In fiscal year 2014, the university performed $2.242 billion in medical, science, and engineering research. It has ranked No. 1 in spending for the 36th year in a row, according to the National Science Foundation.

   The university also ranks first on the NSF’s list for federally funded research and development, spending $1.950 billion in fiscal year 2014 on research supported by the NSF, NASA, the National Institutes of Health, and the Department of Defense.

4. Johns Hopkins is Maryland’s largest private employer. The university and the hospital and health system employ more than 47,000 people in Maryland and together contribute more than $9.1 billion a year to the state's economy.

5. The university has a presence in nearly every corner of the globe. It has campuses in Maryland and Washington, plus Bologna, Italy, and Nanjing, China; faculty and students conduct research on six continents; and more than 20 percent of the university’s students come from countries outside the United States.
We made water purification possible.
We also developed the ramjet engine, launched the field of genetic engineering, and authenticated the Dead Sea Scrolls.

At Johns Hopkins, research isn’t just something we do—it’s who we are. For nearly 140 years, our faculty and students have worked side by side in a tireless pursuit of discovery. Their efforts have led to advances in human knowledge that include the first color photograph of Earth taken from space and the research that led to child safety restraint laws, Dramamine, Mercurochrome, rubber surgical gloves, and, yes, the system of water purification by chlorination, which was eventually adopted by every major municipal and industrial water supply system in the country and many other parts of the world.

The good work continues, with faculty conducting research in the humanities, social and natural sciences, engineering, international studies, education, business, and health and medicine—and about two-thirds of our undergraduates engaging in some form of research during their time here. Who knows what they’ll discover next?

**Designed, built, and operated the New Horizons spacecraft, which completed a flyby of Pluto. (July 14, 2015).**

**Developed the first successful treatment to desensitize people against bee stings (1975).**

**Invented the first implantable, rechargeable pacemaker for cardiac disorders (1972).**

**Took the first color photograph of the whole earth from space (1967).**

**Discovered restriction enzymes, the so-called “biochemical scissors,” which gave birth to the entire field of genetic engineering (1960s). The discoverers were awarded the Nobel Prize in 1978 for their achievement.**

**Developed the first effective treatment for sickle cell anemia (January 30, 1995).**

**Invented cardiopulmonary resuscitation, the lifesaving first-aid technique, thanks to a chance observation during work on the defibrillating machine (also invented at Johns Hopkins) that weight placed on the chest increases blood pressure (1958. First performed in July 1959).**

**Showed that retrolental fibroplasia, which causes blindness in premature infants, was related to high concentrations of oxygen used in babies’ incubators (1954).**

**Confirmed the authenticity of the Dead Sea Scrolls, speeding acceptance as genuine of these earliest biblical manuscripts (March 15, 1948).**

**Discovered Dramamine’s effectiveness in alleviating motion sickness (1948).**

**Immunized chimpanzees with inactivated vaccines, essential to the development of the first widely used polio vaccine and a major step toward the prevention of poliomyelitis in human beings (1947–52).**

**Took the first images of Earth’s curvature, from a V-2 rocket (October 24, 1946).**

**Developed the first supersonic ramjet engine (1944).**

**Developed the first major, large-scale research study of conditions of inequality in American schools, which resulted in the landmark report “Equality of Educational Opportunity” (1960).**

**Invented the rubber glove for use during surgery (1889).**

**Discovered the sweetening agent saccharin (1879).**

**Developed Mercurochrome, a widely used antiseptic (1919).**

**Published the first modern edition of the ‘Epic of Gilgamesh,’ making available to the world the most significant extra-biblical work of ancient Near Eastern literature (1891).**

**Introduced the rubber glove for use during surgery (1889).**
Adam Riess discovered dark energy.
And in 2011, he won a Nobel Prize in physics for his part in showing that the expansion rate of the universe is accelerating.

In fact, there have been 36 Nobel Prize winners associated with Johns Hopkins University, either as graduates or faculty, before, at the time of, or subsequent to their receipt of the prize. And they are in good company, swapping ideas and sharing office space with MacArthur fellows, presidential honorees, National Academy of Sciences members, and Academy of Arts and Sciences members.

**Woodrow Wilson**, PhD 1886 (History)
Nobel Peace Prize, 1919

**James Franck**
Professor of Physics, 1935–38
Nobel Prize in Physics, 1925

**Nicholas Murray Butler**
Lecturer, 1890–91
Nobel Peace Prize, 1931

**Thomas Hunt Morgan**, PhD 1890
(Zoology)
Nobel Prize in Physiology or Medicine, 1933

**George Richards Minot**
Assistant in Medicine, 1914–15
Nobel Prize in Physiology or Medicine, 1934

**Joseph Erlanger**, MD 1899
Assistant in Physiology, 1900–1901
Instructor, 1901–1903
Associate, 1903–1904
Associate Professor, 1904–1906
Nobel Prize in Physiology or Medicine, 1944

**Herbert Spencer Gasser**, MD 1915
Nobel Prize in Physiology or Medicine, 1944

**Vincent du Vigneaud**
National Research Fellow, Pharmacology, 1927–28
Nobel Prize in Chemistry, 1955

**Maria Goeppert-Mayer**
Assistant in Physics, 1930–32
Associate, 1932–36
Nobel Prize in Physics, 1963

**Francis Peyton Rous**, AB 1900, MD 1905
Nobel Prize in Physiology or Medicine, 1966

**Haldan Keffer Hartline**, MD 1927
Professor of Biophysics, 1949–54
Nobel Prize in Physiology or Medicine, 1967

**Lars Onsager**
Associate in Chemistry, 1927–28
Nobel Prize in Chemistry, 1968

**Simon Kuznets**
Professor of Political Economy, 1954–60
Nobel Memorial Prize in Economic Sciences, 1971

**Christian B. Anfinsen**
Professor of Biology, 1982–95
Nobel Prize in Chemistry, 1972

**Hamilton O. Smith**, MD 1956
Assistant Professor of Microbiology, 1967–69
Associate Professor, 1969–73
Professor, 1973–98
Professor Emeritus, 1998–present
Nobel Prize in Physiology or Medicine, 1978

**Daniel Nathans**
Assistant Professor, 1962–65
Associate Professor, 1965–67
Professor of Molecular Biology and Genetics, 1967–99
Interim President, 1995–96
Nobel Prize in Physiology or Medicine, 1978

**David H. Hubel**
Assistant Resident, Neurology, 1954–55
Fellow, Neuroscience, 1958–59
Nobel Prize in Medicine, 1981

**Torsten Wiesel**
Fellow, Ophthalmology, 1955–58
Assistant Professor, 1958–59
Nobel Prize in Physiology or Medicine, 1981

**Sir Richard Stone**
Visiting Professor, Political Economy, 1953–54
Nobel Memorial Prize in Economic Sciences, 1984

**Merton H. Miller**, PhD 1952
(and honorary doctorate 1993) (Economics)
Nobel Memorial Prize in Economic Sciences, 1990

**Robert W. Fogel**, PhD 1963 (Economics)
Nobel Memorial Prize in Economic Sciences, 1993

**Martin Rodbell**, BA 1949 (Biology)
Nobel Prize in Physiology or Medicine, 1994

**Jody Williams**, MA 1984 (Latin American Studies)
Nobel Peace Prize, 1997

**Robert H. Mundell**
SAIS Europe:
Visiting Faculty, 2000–2001
AGIP Chair in International Economics, 1997–98
Faculty Member, 1959–61
Nobel Memorial Prize in Economic Sciences, 1999

**Paul Greengard**, PhD 1953 (Biophysics)
Nobel Prize in Physiology or Medicine, 2000
Riccardo Giacconi
Professor of Physics and Astronomy, 1982–97
Research Professor of Physics and Astronomy, 1998–present
Nobel Prize in Physics, 2002

J.M. Coetzee
Hinkley Visiting Professor in the Writing Seminars, January–June 1989
Nobel Prize in Literature, 2003

Peter Agre, MD 1974
Postdoctoral Fellow, Department of Pharmacology, 1974–75
Research Associate/Instructor, Cell Biology and Anatomy, and Medicine, 1981–83
Assistant Professor, 1984–88
Associate Professor, 1988–93
Professor of Biological Chemistry and Medicine, 1993–2005
Malaria Institute, 2008–present
Nobel Prize in Chemistry, 2003

Richard Axel, MD 1971
Nobel Prize in Physiology or Medicine, 2004

Andrew Fire
Adjunct Professor of Biology, 1989–2009
Nobel Prize in Medicine, 2006

Carol Greider
Daniel Nathans Professor and Director of Molecular Biology and Genetics, Institute for Basic Biomedical Sciences, School of Medicine, 1997–present
Nobel Prize in Physiology or Medicine, 2009

Robert Edwards
Visiting Researcher, School of Medicine, 1965
Nobel Prize in Physiology or Medicine, 2010

Adam Riess
Thomas J. Barber Professor in Physics and Astronomy, Zanvyl Krieger School of Arts and Sciences
Nobel Prize in Physics, 2011

Daniel Shectman
Visiting Researcher, Whiting School of Engineering, 1981–83
Nobel Prize in Chemistry, 2011

American Academy of Arts and Sciences members: 52
Institute of Medicine members: 57
Lasker Award winners: 7
MacArthur fellows: 6
National Academy of Engineering members: 4
National Academy of Sciences members: 27
Nobel laureates: 4
Presidential Medal of Freedom winners: 2
Pulitzer Prize winners: 1

Virginia Apgar, developer of Apgar score for newborns
John Astin, actor
Russell Baker, Pulitzer Prize–winning columnist for The New York Times and former host of PBS’ Masterpiece Theatre
Manuel Barrueco, Grammy Award–winning guitarist
John Barth, novelist
Jeffrey Blitz, writer/director of Spellbound, Rocket Science, and Lucky
Wolf Blitzer, journalist
Carter Brey, principal cellist of the New York Philharmonic
Rachel Carson, biologist, ecologist, and author of Silent Spring
Richard Ben Cramer, Pulitzer Prize–winning journalist
Wes Craven, film director
Caleb Deschanel, cinematographer
John Dewey, American philosopher, social critic, and educator
Victor A. McKusick, medical geneticist; author of Mendelian Inheritance in Man, the definitive source of information on human genes and genetic disorders
James McPherson, Pulitzer Prize–winning historian and author
Kweisi Mfume, former president of NAACP
Walter Murch, Oscar–winning film editor and sound mixer
Caryle Murphy, Pulitzer Prize–winning journalist, longtime international reporter for The Washington Post
Tommy Newsom, Emmy winner who was assistant conductor of the Tonight Show band
PJ O’Rourke, journalist, author
Sam Palmisano, former CEO of IBM
Awadagin Pratt, pianist; winner of the Naumburg International Piano Competition, 1992
Joanne Silberner, NPR health policy correspondent
John A. Wheeler, physicist
Woodrow Wilson, 28th U.S. president
Abel Wolman, water treatment expert
Our researchers are working in 24 time zones ...
...and that’s all of them.

Johns Hopkins faculty, students, staff, and alumni have always made a practice of living, thinking, and acting globally. Johns Hopkins now reaches into nearly every corner of the globe—with campuses or centers in the United States, China, and Italy; research and training programs on every continent; medical facilities around the world; and distance education and online courses anywhere the Internet will take them.

As one of our academic divisions, SAIS has established itself as a proven training ground for the world’s diplomats, with more than 130 graduates having served as international ambassadors. In various capacities, 16,000 SAIS alumni are currently working in approximately 140 countries.

President Daniels is leading by example, with several overseas trips since his tenure began in 2009. In 2012, Daniels and colleagues from the provost’s office, SAIS, the School of Medicine, and the Bloomberg School of Public Health traveled to Myanmar to explore how the university might help that country emerge from isolation and modernize, and to explore possible collaboration in the fields of health and education. Daniels also traveled to India in February 2013 to discuss how both the United States and India must work to ensure greater educational access for all people.

More than 3,000 international graduate and undergraduate students study at Johns Hopkins, hailing from 121 countries.

More than 10,000 university alumni currently live in 162 countries outside the U.S. There are international alumni clubs in 24 countries.

Each year, more than 400 undergraduate students study abroad in nearly 30 countries.

Johns Hopkins Health System has medical centers around the globe, treating 3,620 patients from 139 countries.

Donors to the university live in 153 countries.

In addition to its U.S. campuses, the university has campuses in Bologna, Italy, and Nanjing, China.

Johns Hopkins international research and training sites, programs, and offices are in 134 countries.

Johns Hopkins students can participate in study abroad programs in 51 countries. Medical and nursing students participate in international medical electives in 19 countries.

Jhpiego is an international, nonprofit health organization that has spent 40 years improving the health of women and families in more than 155 developing countries. It works to prevent the needless deaths of women and their families by partnering with health experts, governments, and community leaders to provide high-quality health care. Jhpiego’s training and low-cost, practical health care solutions remove barriers to health care for the world’s most vulnerable populations.

The Carey Business School offers a full-time Global MBA program to help prepare experienced world-class business leaders. Its Innovation for Humanity course is a six-month project that includes a three-week in-country experience working in a developing market.

The Johns Hopkins Malaria Research Institute has gathered a critical mass of malaria experts from around the world to take a multidisciplinary approach to understanding the Plasmodium parasite, the mosquito, and the genes and proteins involved in the transmission of malaria.

The Peabody Conservatory collaborated with the National University of Singapore to create the Yong Siew Toh Conservatory, Singapore’s first and only conservatory of music. It brings an international dimension to the Peabody community with student and faculty exchange programs.

Because of the importance of the globalization of technology, all students pursuing a bachelor of arts in general engineering from the Whiting School are encouraged to study abroad for at least one semester.

The Department of German and Romance Languages and Literatures in the Krieger School offers undergraduate programs in Paris at Sciences Po, in Germany at the Berlin Consortium, and in Madrid at Universidad Carlos III.
Our best ideas are yet to come.
Let’s start with 10.

Ronald J. Daniels took office in March 2009 as the 14th president of Johns Hopkins University. Before his appointment at Johns Hopkins, Daniels was provost at the University of Pennsylvania, and before that, dean and James M. Tory Professor of Law at the University of Toronto Faculty of Law.

Daniels is the author or co-author of dozens of scholarly articles and the author or editor of seven books. In 2009, he was elected a member of the American Academy of Arts and Sciences. He sits on the boards of the East Baltimore Development Inc., the Baltimore Community Foundation, the Goldseker Foundation, the Maryland Chamber of Commerce, the Governor’s International Advisory Council, and the Asia Pacific Rim Universities World Institute.

In May 2013, after several years of discussions with faculty and students, staff and alumni, deans and trustees, Daniels unveiled “Ten by Twenty.” This set of priorities, grouped by themes, will guide the university through the remainder of the decade.

### One University

1. Selectively invest in those programs and activities that will advance significantly our core academic mission.
2. Strengthen our capacity for faculty-led interdisciplinary collaboration and launch a set of innovative cross-cutting initiatives that will contribute substantially to the world of ideas and action.
3. Enhance the impact of Johns Hopkins Medicine, the Bloomberg School of Public Health, and the School of Nursing, as the world’s pre-eminent academic health sciences enterprise by deepening collaboration among these entities and with disciplines in other parts of the university and across the globe.

### Individual Excellence

4. Build Johns Hopkins’ undergraduate experience so it stands among the top 10 in the nation.
5. Build on our legacy as America’s first research university by ensuring that at least two-thirds of our PhD programs stand among the top 20 in their fields.
6. Attract the very best faculty and staff in the world through a welcoming and inclusive environment that values performance and celebrates professional achievement.

### Commitment to Our Communities

7. Enhance and enrich our ties to Baltimore, the nation, and the world, so that Johns Hopkins becomes the exemplar of a globally engaged urban university.

### Institution Building

8. Strengthen the institutional, budgetary, technological, and policy frameworks necessary to set priorities, allocate resources, and realize the highest standards of academic excellence.
9. Reinforce our position as the leading university recipient of competitively funded federal research support, while increasing the amount of annual research investment from other sources with appropriate cost recovery.
10. Develop the resource base necessary to support investments in key academic priorities.
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Looking for the next big thing?
We have more than 2,000 inventions ready to go.

Johns Hopkins is a community of makers and doers. We are dedicated to using our best ideas to improve the lives of people around the world. From potable water in the 1920s to 21st-century prosthetic limbs, our innovations contribute to the common good.

Our discoveries also generate funding to pay for even more research. We had more than 2,324 active patents in fiscal year 2014, when the university’s inventions generated $16.5 million in licensing revenue with the guidance of Johns Hopkins Technology Ventures. The several thousand active patents held by Johns Hopkins today could become lifesaving medical devices and therapeutic treatments tomorrow.

The number of patent applications awarded to the university increased by 83 percent between 2009 and 2014, and the number of new licensing and option agreements increased by nearly 50 percent.

Johns Hopkins executed 157 license and option agreements to commercialize technologies, issued 454 invention disclosures, submitted 419 new U.S. patent applications, and was issued 88 patents in fiscal year 2014.

Between 2009 and 2014, Johns Hopkins helped launch 80 startup companies based on technology created by our researchers and students.

Johns Hopkins is an active partner in several major science- and technology-based economic development initiatives in Maryland:

The Baltimore Development Corporation’s Emerging Technologies Center at Johns Hopkins Eastern provides flexible space and support services to startup companies associated with Johns Hopkins and other universities in the city.

The East Baltimore Science + Technology Park, adjacent to the main campus of Johns Hopkins Medicine, is one of the central elements of a broader, long-term effort to revitalize East Baltimore. The first of a number of research buildings planned for the Park, the 300,000-square-foot Rangos Building, was completed in 2009 and is now 80 percent occupied. The building’s tenants, which include two university research institutes and several biotech companies with close ties to Johns Hopkins, now employ more than 400 people.

The Shady Grove Life Sciences Corridor is an ambitious project aimed at doubling the size of Montgomery County’s life sciences cluster—already one of the largest concentrations of life sciences research and commercial biotechnology firms in the country—over the next several decades. The plan includes the development of about 4.5 million square feet of research and office space at the Belward Research Campus, a 108-acre site owned by Johns Hopkins near the university’s Montgomery County Campus.

Johns Hopkins is helping prepare Maryland’s next generation of innovators and entrepreneurs through entrepreneurship education programs both in Baltimore and at its Montgomery County Campus in Rockville.

FastForward and FastForward East are the university’s two innovation hubs, created to drive more economic development in Baltimore by supporting local startups as they head to market. The original FastForward opened in June 2013 in the Stieff Silver Building, and FastForward East opened in the Rangos Building in February 2015.
Our students are pursuing more than 240 courses of study.
That's everything from archaeology and applied economics, to computer engineering and genetic epidemiology, to women's studies and woodwind instruments.

Johns Hopkins University enrolls more than 21,000 full-time and part-time students throughout nine academic divisions. No matter what their field of study, our students are active and engaged learners, fully immersed in the process of discovery.
School of Education
For over a century, the School of Education has been preparing educators to make a difference in the lives of children and adults. Founded in 1909 as the College Courses for Teachers, the school addresses some of the most challenging problems facing education today through graduate and doctoral programs; research and development activities; external partnerships with school systems, educational entrepreneurs, and health care–related organizations; and collaborative connections to the broader Johns Hopkins research community. Tied at No. 2 for graduate schools of education by U.S. News & World Report, the school houses three research centers: the Center for Research and Reform in Education, the Center for Social Organization of Schools, and the Center for Technology in Education. The school’s nationally renowned Division of Public Safety Leadership provides degree programs that foster current and future public safety leaders.

Number of students: 2,190 (29 undergraduates, 2,161 graduate students)
Number of faculty: 75 full-time, 30 joint JHU appointments
Degrees awarded annually: 20 bachelor’s, 623 master’s, 175 certificates; the school awards the largest number of master’s degrees in education of any institution in Maryland.
Year established: 1909; became the School of Education in 2007
Interim Dean: Mariale Hardiman

School of Medicine
From its beginnings, the School of Medicine revolutionized the education of physicians, the practice of medicine, and medical research nationally and internationally by applying unprecedented standards to medical training. Rigid entrance requirements were established; the curriculum emphasized scientific methods as well as bedside teaching, laboratory research, and advanced training in specialized fields. For the first time ever in the United States, women were admitted as medical students on an equal basis with men. Today, the school annually receives more research grants from the National Institutes of Health than any other medical school and consistently is ranked among the top medical schools in the nation by U.S. News & World Report.

Number of students: 1,291 (472 MD candidates, 819 graduate degree candidates)
Number of faculty: 2,700 full-time, 1,300 part-time
Degrees awarded annually: 113 MDs, 15 MS/MAs, 138 PhDs
Year established: 1893
Dean: Paul B. Rothman

School of Nursing
The Johns Hopkins Hospital and the Johns Hopkins Training School for Nurses both opened in 1889. Founders M. Adelaide Nutting, Isabel Hampton Robb, and Lavinia Dock established what would become the national model for nursing education. Renamed the School of Nursing, it became a division of the Johns Hopkins University in 1983 and opened its doors to students in 1984. Today, the school is a global leader in nursing research, education, and scholarship, and is ranked at No. 1 on the U.S. News & World Report list for graduate schools of nursing. The school and its baccalaureate, master’s, PhD, and DNP programs are recognized for excellence in educating nurses who set the highest standards for patient care and become innovative national and international leaders.

Number of students: 1,343 (803 undergraduates, 540 graduate students)
Number of faculty: 64 full-time, 125 part-time
Degrees awarded annually: 282 bachelor’s, 124 graduate
Year established: 1889 as Johns Hopkins Training School for Nurses; 1983 as Johns Hopkins University School of Nursing
Dean: Patricia M. Davidson

Enrollment data as of September 2015
Peabody Institute
Located in the heart of Baltimore’s Mount Vernon Cultural District, the Peabody Institute was founded in 1857 as America’s first academy of music by philanthropist George Peabody. Today, Peabody boasts a pre-eminent faculty, a nurturing, collaborative learning environment, and the academic resources of Johns Hopkins University, with which it affiliated in 1977. Through its degree-granting Conservatory and its community-based Preparatory (music and dance school), Peabody trains musicians and dancers of every age and at every level.

Number of students: 591 (270 undergraduates, 321 graduate students)
Number of faculty: 68 full-time, 13 part-time, and 78 adjunct conservatory faculty members
Degrees awarded annually: 73 bachelor’s, 116 master’s, 10 DMAs, 25 certificates and diplomas
Year established: 1857; affiliated with JHU in 1977
Dean: Fred Bronstein

Bloomberg School of Public Health
The Bloomberg School of Public Health is dedicated to the education of a diverse group of research scientists and public health professionals, a process inseparably linked to the discovery and application of new knowledge, and through these activities, to the improvement of health and prevention of disease and disability around the world.

Number of students: 2,100
Number of faculty: 670 full-time, 709 part-time
Degrees awarded annually: 736 master’s, 153 doctorates
Year established: 1916
Dean: Michael J. Klag

The Paul H. Nitze School of Advanced International Studies
A division of Johns Hopkins University since 1950, the Paul H. Nitze School of Advanced International Studies is a global institution that offers students a truly international perspective on today’s critical issues. The school was established in Washington, D.C., in 1943; opened its European campus in Bologna, Italy, in 1955; and in 1986 initiated one of the first Western university programs in the People’s Republic of China, in Nanjing. SAIS graduates are known as innovative thinkers and problem-solvers with the economic and cultural expertise to confront complex global challenges.

Number of students: 1,109 (819 in Washington, D.C.; 212 in Bologna, Italy; 78 in Nanjing, China)

Applied Physics Laboratory
The Applied Physics Laboratory is a not-for-profit center for engineering, research, and development; it is a nonacademic division, meaning that unlike the university’s nine other divisions, it does not grant degrees. Located north of Washington, D.C., APL has been a major asset to the nation since it was organized to develop a critical World War II technology in 1942. APL researchers work on more than 600 programs that protect the homeland and advance the nation’s vision in research and space science, at an annual funding level of about $980 million.

Number of employees: 5,700; more than 75 percent are technical professionals
Year established: 1943
Director: Ralph Semmel
You can visit all our campuses in just 9,921 miles.
Homewood
The Homewood campus, situated in the north Baltimore neighborhood of Charles Village, is a peaceful place of green grass, wide-spreading trees, brick residence halls and classroom buildings, and interconnecting walkways that combine to create a comfortable country atmosphere in the heart of a major city. It's also just minutes—by bus, light rail, bike, or Johns Hopkins shuttle—from the Inner Harbor, Oriole Park at Camden Yards, Johns Hopkins' medical campus, and the Peabody Institute. The Krieger School of Arts and Sciences, the Whiting School of Engineering, the School of Education, the Carey Business School, and the Peabody Institute offer classes and programs at Homewood.

East Baltimore
The East Baltimore campus is home to the School of Medicine, the Bloomberg School of Public Health, and the School of Nursing, as well as Johns Hopkins Hospital. Ongoing redevelopment of an 88-acre, piano-shaped area to the north of the campus has brought the Johns Hopkins Berman Institute of Bioethics to the neighborhood, along with the Henderson-Hopkins K–8 elementary/middle school and the Harry and Jeanette Weinberg Early Childhood Center. The neighborhood features a 20-story residential tower called the 929, a 10-story parking garage, a pharmacy, and several new restaurants. Still to come are several residential developments and a central park.

Carey Business School
The main campus of the Carey Business School is located in a state-of-the-art waterfront building in Harbor East, one of Baltimore's newest and most dynamic neighborhoods. The 77,000-square-foot space offers unparalleled views of a working seaport, where container ships still ferry raw sugar to the Domino plant and tall ships from around the world dock regularly. The Carey Business School occupies three and a half floors of the Legg Mason tower, sharing the structure with one of the world's top investment firms as well as other businesses. The campus includes classrooms with video and audio technology, smaller rooms for breakout groups and study sessions, an IT support desk, a business center offering print and fax capabilities, and a suite of offices dedicated to student organizations.

Peabody
Baltimore's historic Mount Vernon neighborhood provides the Peabody campus with a backdrop of stunning 19th-century architecture and inviting parks. Mount Vernon is a cultural urban village that boasts museums, music, theater, international cuisine, boutiques, festivals, and a thriving nightlife. The neighborhood's historic centerpiece is the Washington Monument, built in 1815 as the nation's first monument to George Washington and soaring 178 feet above four picturesque parks. Mount Vernon is a special place, rich in history and vibrant in the present, a neighborhood that beckons residents and visitors to take their time and enrich their lives.

SAIS
The Paul H. Nitze School of Advanced International Studies is an urban campus with three buildings on Massachusetts Avenue in northwest Washington, D.C.: the Rome Building at 1619 Massachusetts Avenue, the Bernstein-Offit Building at 1717 Massachusetts Avenue, and the Nitze Building at 1740 Massachusetts Avenue. SAIS classes are held in all three buildings, while the library, student lounge, cafeteria, and most administrative offices are housed in the Nitze Building.

SAIS Europe
SAIS' European campus is in Bologna, Italy, a city with a long tradition of education, a rich cultural heritage, and a history of political vitality. American and European students enjoy strong relationships with faculty, vigorous debate, and a cohesive social and intellectual community. Courses emphasize economics, political science, history, and language skills, and offer an international perspective on global issues.

Nanjing
The Asian campus of SAIS is in Nanjing, China. The Hopkins-Nanjing Center for Chinese and American Studies opened in 1986 as a one-of-a-kind educational collaboration between Johns Hopkins and Nanjing universities. Located on the downtown campus of Nanjing University, the center educates future leaders in the only China-based international program with spaces for genuinely free and open academic exploration.

While you’re at it, take in the Lincoln Memorial, the Piazza Maggiore, and Sun Yat-sen's mausoleum.

Baltimore is the university’s hometown, but we’re at home throughout the world—with campuses in Bologna, Italy, and Nanjing, China, in addition to those in the Baltimore-Washington, D.C., area.
Applied Physics Laboratory
The Johns Hopkins University Applied Physics Laboratory, founded in 1942, moved from downtown Silver Spring, Maryland, to its Howard County campus in 1954. Today, APL staff can be found working across almost 400 acres of rolling countryside that is approximately 50 percent forested. The Laboratory, located in an area of rural farmland and newer housing communities, currently has more than 20 buildings, as well as facilities at two nearby satellite campuses. In the past decade, APL completed construction of several new buildings which meet LEED certification. APL has also won a Bicycle Friendly Business Award from the League of American Bicyclists.

Washington, D.C., Center
Situated in the heart of Washington, D.C., the Washington Center provides an excellent learning environment for Advanced Academic Programs and many Krieger School of Arts and Sciences Washington-based initiatives. The Bernstein-Offit Building, located at 1717 Massachusetts Avenue, N.W., houses the administrative office for Advanced Academic Programs as well as a Library Resource Center, faculty and student lounges, a large administrative/program management suite for faculty and staff, 16 classrooms or seminar rooms, two computer labs, and a large presentation room—all just two blocks south of Washington’s Dupont Circle and accessible by Metro.

Montgomery County Campus
The Montgomery County Campus in Rockville, Maryland, offers classes and programs from the Carey Business School, the School of Education, the Whiting School of Engineering, and the Krieger School of Arts and Sciences. MCC aims to create a community of education, business, and government organizations, where collaborative thinking and scientific discovery advance academic and economic development. The campus is experiencing significant growth, with plans to expand from its current 215,000 square feet to more than 2.6 million square feet of academic, research, and corporate space during the next few decades.

Columbia Center
Located in Columbia, Maryland, and housing classes and programs of the School of Education and the Carey Business School, the Columbia Center has served adult students in the region since 1974. Some administrative and advising offices are located there, as well as Professional Career Services, the office of Enrollment Management Services, the Student and Alumni Relations office, the office of International Services, the Center for Teaching and Learning, and the Center for Technology in Education. Columbia Center facilities include 19 classrooms, academic and career advising offices, three computer labs, an electronic library, two conference rooms, a bookstore, and faculty and student lounges.
We have 3,250,086 volumes on our shelves.
Everything from e-books and research journals to DVDs and sheet music can be found in the system of libraries supporting Johns Hopkins. In many cases, the libraries are open to the public.

In Baltimore and the surrounding region, Johns Hopkins maintains the Milton S. Eisenhower Library, the Brody Learning Commons, and the Albert D. Hutzler Reading Room, all on the Homewood campus; the Welch Medical Library, the John Work Garrett Library, the George Peabody Library, and the Friedheim Library in the city of Baltimore; and libraries for regional campuses and centers in Maryland and Washington, D.C., which is also home to SAIS’ Mason Library. SAIS also has libraries at its campuses in Bologna, Italy, and Nanjing, China.

Along with millions of books, the libraries provide 24/7 access to electronic journals, e-books, and special collections including rare books, manuscripts, and archives.

The university is also home to three museums—the Johns Hopkins Archaeological Museum, Homewood Museum, and Evergreen Museum & Library. All three are open to the public for tours, exhibitions, lectures, and other events, and are increasingly involved in the academic life of the university.

**The Sheridan Libraries**

Located in Baltimore, the Sheridan Libraries primarily serve the schools of Arts and Sciences, Engineering, Education, and the Carey Business School.

Opened in 1964, the **Milton S. Eisenhower Library** is the university’s principal research library. Our largest library, it was named for the university’s eighth president, whose vision brought together the university’s collection of books, journals, and other scholarly resources. Strengths in the humanities include German and Romance languages, philosophy, and the ancient Near East. In science and engineering, collection strengths include biomedical engineering, chemistry, and environmental engineering. The library also offers an extensive array of electronic resources, including full-text books and journals, specialized databases, and statistical and cartographic data.

The newest of the Sheridan Libraries, the **Brody Learning Commons** opened in August 2012. Connected to the Eisenhower Library on all floors, the BLC is open 24/7 and features a large quiet reading room, 16 group study rooms, teaching and seminar rooms, and a café. The Commons is also home to the Department of Special Collections and the Department of Conservation and Preservation. Together, the interconnected MSE Library and the Brody Learning Commons counted more than 1.5 million visits in FY2014.

Commonly referred to as “the Hut,” the **Albert D. Hutzler Reading Room** occupies a central room in Gilman Hall, the oldest academic building on the Homewood campus, and features a high ceiling and beautiful stained-glass windows bearing the printers’ marks of 18 Renaissance printers.

The **John Work Garrett Library** is located in Evergreen Museum & Library, the former residence of Ambassador John Work Garrett and his wife, Alice Warder Garrett. The house was bequeathed to the university in 1942, and the library contains about 28,600 volumes. The collection, which can be used by appointment, features 16th- and 17th-century English literature, especially the works of Shakespeare, Bacon, Spenser, and Milton. Also strong in natural history, the library has some of the most important and beautiful ornithological works ever produced by John James Audubon, John Gould, and Alexander Wilson. The Fowler Architectural Collection focuses on early editions of Vitruvius and the great Renaissance architects Alberti, Serlio, Palladio, Vignola, and Scamozzi.

The **George Peabody Library** dates from the founding of the Peabody Institute in 1857. In 1982, the Peabody Library became part of the Eisenhower Library’s Special Collections department. Reflecting the scholarly interests of the 19th century, the library’s 300,000-volume collection is particularly strong in religion, British art, architecture, topography, and history; American history, biography, and literature; Romance languages and literature; history of science; and geography, exploration, and travel. The George Peabody Library, designed by Baltimore architect Edmund G. Lind, is one of the most beautiful libraries in the world. Its magnificent neo-Grec interior features an atrium surrounded by five tiers of ornamental cast-iron balconies, gold-scalloped columns, and a latticed skylight more than 60 feet above a black-and-white marble floor.

**Other university libraries:**

- **The William H. Welch Medical Library** collects current scholarly information that supports the research, clinical, administrative, and educational needs of the Johns Hopkins Medical Institutions. Because the library’s emphasis is on providing materials at point of need, the collection is primarily in electronic format. It covers health, the practice of medicine and related biomedical and allied health care disciplines, public health and related disciplines, nursing, research literature, methodological literature, reviews or state-of-the-art reports, and in-depth, authoritative analyses of areas influencing biomedicine and health care. The electronic collection includes more than 5,000 journals, more than 400 databases, and more than 8,000 e-books. The WelDoc Service provides access to materials not in the Hopkins collections.
- The History of Medicine collection on the third floor.
of the Welch Building is a comprehensive collection, print and electronic, of history of medicine materials.

The Arthur Friedheim Music Library is one of the largest and oldest music collections in the country. Located in Peabody’s Leckin Hall, it serves the faculty, staff, and students at the Peabody Institute and Johns Hopkins University, as well as the general public. Holdings include more than 200,000 books, scores, and periodicals; 40,000 sound recordings in all formats; 3,000 DVDs and videos; microform; and more than 5,400 linear feet of archival and special collections. The Friedheim Library offers 24-hour electronic access, both on and off campus, to many full-text journals, databases, and streaming media.

The Hopkins-Nanjing Center Library
The research library at the Hopkins-Nanjing Center for Chinese and American Studies in China features more than 120,000 volumes in English and Chinese, 400 periodicals, and access to thousands of electronic resources held by both Johns Hopkins and Nanjing University. It is the only uncensored, open-stack library on the mainland of the People’s Republic of China. Floor-to-ceiling windows, reading carrels, couches, and meeting rooms provide students with a pleasing study environment.

The Sydney R. and Elsa W. Mason Library
offers comprehensive library services to SAIS students, faculty, and staff. It is located on the sixth, seventh, and eighth floors of the Nitze Building, at 1740 Massachusetts Ave., N.W., Washington, D.C. Its goals include developing and preserving collections that support the curriculum and research interests of the SAIS community and providing convenient and seamless access to print, electronic, and other resources to facilitate research and expand scholarship.

Robert H. Evans Library at SAIS Europe in Bologna, Italy, is dedicated to the memory of Evans, a distinguished alumnus from the class of 1960 and director of the center from 1992 to 2003. The collection consists of more than 85,000 volumes, specializing in international economics, international relations, contemporary history, international law, political science, and European history and politics. There are strong holdings on the foreign relations of the United States, the Atlantic Alliance and European integration, and an extensive collection of English-language materials on Italian government and politics. The library’s primary mission is to support the educational goals of the SAIS community, but it is also open to local and visiting readers.

Museums
Evergreen Museum & Library
Evergreen Museum & Library, which opened to the public in 1990, is renowned for its diverse holdings of Asian, European, and American art. Of particular interest are Japanese lacquerware, art glass by Louis Comfort Tiffany, postimpressionist paintings, the John Work Garrett Library of rare books and manuscripts, and the only known theater designed by revolutionary stage designer Léon Bakst. The former Italianate residence of two generations of Baltimore’s philanthropic Garrett family (1878–1952), the museum offers a unique perspective on the evolution of American collecting from the post–Civil War industrial revolution to the modern jet age. Contemporary artists are regularly invited to respond to the historic property, and the museum presents exhibitions and programs that explore the Garretts’ legacy as art patrons.

Homewood Museum
One of the finest extant examples of American Federal architecture and interior design, Homewood was built in 1802 for newlyweds Charles and Harriet Chew Carroll. The 130-acre property became the university’s suburban campus a century later with the historic house serving as architectural inspiration for campus buildings. The furnishings of Homewood Museum, a National Historic Landmark that opened to the public in 1987, reflect the elegant opulence of the Carroll family’s occupancy (1802–1832). With American and imported furniture, ceramics, silver, and other fine and decorative art objects, the museum’s period interiors reflect the ideals and culture of a new nation while offering visitors an intimate look at the early 19th-century lifestyle of a prominent Maryland family.

Johns Hopkins Archaeological Museum
The Archaeological Museum was founded in 1882 to encourage and enliven the study of the ancient world through the close study of artifacts. The installation highlights nearly 700 archaeological objects from ancient Greece, Rome, Egypt, the Near East, and the ancient Americas, all exhibited in the custom-built museum facility set within the newly renovated Gilman Hall atrium.
We first fielded a men’s lacrosse team in 1883, seven years after the founding of the university.
Since then, the Blue Jays have won 44 national titles, including nine since men’s lacrosse became an NCAA sport.

But the Blue Jays are not just about lacrosse. The university fields 24 varsity teams that routinely qualify for NCAA championship play. Beyond the varsity squads, many students get in the game through the university’s 11 intramural sports, including 3-on-3 basketball, flag football, and wallyball. There’s also an array of club sports, ranging from badminton and Brazilian jujitsu to water polo and wrestling.
Our roots are in Baltimore.
Johns Hopkins is truly and proudly of Baltimore, and our faculty, staff, and students contribute to city life in ways both large and small.

With his bequest establishing a hospital and a university in Baltimore, Johns Hopkins ensured that helping others would be his legacy. Today, enhancing and enriching our ties to Baltimore is one of President Daniels’ key priorities for the university community.

As the city’s largest anchor institution, Johns Hopkins feels the constant pull of urban issues. We are answering the call with major investments like the ongoing revitalization of East Baltimore, where the School of Education operates Elmer A. Henderson: A Johns Hopkins Partnership School in conjunction with the city and Morgan State University. The $43 million, 90,000-square-foot facility is East Baltimore’s first new public school building in more than 20 years.

Investing in partnerships across the city is a win-win for Johns Hopkins. We are committed to Baltimore because our success is tied to the success of our neighbors.
Three bachelor’s degrees were conferred in spring 1879.
By spring 2015, that number had increased by 57,100 percent.

The undergraduate educational experience has come a long way since George W. McCreary, A. Chase Palmer, and Edward Henry Spieker picked up their diplomas on June 12, 1879, at the close of Johns Hopkins’ third academic year.

The academic offerings have increased exponentially. The university awarded 1,714 bachelor’s degrees across all divisions on May 21, 2015, joining 200,500 alumni worldwide. The majority of those degrees were earned by undergraduates on the Homewood campus, home to the Krieger School of Arts and Sciences and the Whiting School of Engineering. Johns Hopkins also offers undergraduate programs through the Carey Business School, the Peabody Institute, and the School of Nursing.

Freshman Admission Selectivity (2015)
- Applicants: 24,718
- Admitted: 3,253
- Enrolled: 1,310
- Admit rate: 13 percent
- Early Decision available? Yes
- Early Decision applicants: 1,866
- Admitted Early Decision applicants: 540

Standardized Tests
- Middle 50th percentile for admitted students in 2015:
  - SAT Composite: 1420-1530
  - ACT: 32-34

Programs of Study
- Majors: 52
- Minors: 44

Most Popular Majors (Homewood)
- Public Health Studies
- International Studies
- Biomedical Engineering
- Neuroscience
- Molecular and Cellular Biology

Average Class Size: 24

‘U.S. News & World Report’ 2017 undergraduate rankings
- National university: 10
- Undergraduate engineering: 14 (tie)
- High school counselor ranking: 5 (tie)
- On lists of schools that are noted for socioeconomic diversity and that are considered the best values.

Students
- Enrolled undergraduates: 5,299
- Geographic origin: all 50 states, 61 nations
- Male/female ratio: 51/49 percent
- Enrollment by racial/ethnic category: 44 percent white, non-Hispanic; 21 percent Asian; 13 percent Hispanic; 9 percent nonresident aliens; 5 percent black or African American; <1 percent Native American/Pacific Islander; 5 percent two or more races; 2 percent ethnicity unknown.
- 97 percent of freshmen entering in fall 2013 returned for sophomore year

Costs and Financial Aid
- Tuition: $48,710
- Room and board (double room, “anytime” meal plan): $14,540
- Average need-based grant for first-year students: over $38,000
- Students receiving aid: more than 43 percent
- Financial aid given annually to undergraduates: more than $75 million
- Estimated costs for 2015–16

Student Life
- More than 300 student groups and organizations
- More than 60 student-run groups dedicated to volunteerism or service
- Nine sororities, 13 fraternities, 24 percent of students involved in Greek life
- More than 20 club sports; more than half of students participate in intramurals
We eradicated boring lectures.
The seminar method of instruction was introduced in the United States by a Johns Hopkins University postdoctoral student.

American students have historian Herbert Baxter Adams to thank for today’s give-and-take classroom vibe between professors and students. A postdoctoral fellow in history, Adams imported the seminar method to the United States from Heidelberg University in Germany, where he earned his doctorate in 1876 prior to starting his career at Johns Hopkins. Adams championed the idea that graduate students would learn more by conducting their own research and then presenting it in class for critique from both the professor and fellow students, rather than the old-school style of listening to lectures and taking exams. Adams’ philosophy subsequently caught on at colleges and universities across the country.

That spirit of inquiry fostered by Adams and his colleagues is alive today at Johns Hopkins, where the university’s nine academic divisions offer full-time graduate programs that provide rigorous course work and research opportunities with world-renowned faculty. For working professionals, there are also numerous part-time and nondegree programs available.