

**FACT BOOK**

# Johns Hopkins

**Everything you wanted to know about  
America's first research university**



The image shows the year '1876' in large, three-dimensional, silver-colored numerals. The numbers are set against a solid, deep blue background. The lighting creates soft shadows beneath the numbers, giving them a sense of depth and weight. The '1' is a simple vertical bar, the '8' has two loops, the '7' is a single stroke with a horizontal top bar, and the '6' has a circular bottom loop.

**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.

More than 130 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.

## FIVE FACTS ABOUT JOHNS HOPKINS UNIVERSITY

**1. The university’s graduate programs in education, public health, and biomedical engineering rank No. 1 in the nation, and nursing is tied at No. 1, according to *U.S. News & World Report*.**

Its School of Medicine ranks No. 3 on the list of research-oriented medical schools. Its undergraduate engineering program is tied at No. 17. The university is on the list of schools that excel in undergraduate research, and earned a score of 4.8 out of a possible 5 among high school counselors. The university itself is tied at No. 12 on the list of top national universities.

**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, six 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 2012, the university performed \$2.1 billion in medical, science, and engineering research. It has ranked No. 1 in spending for the 34th 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 \$1.857 billion in fiscal year 2012 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 46,000 people in Maryland and together contribute more than \$10 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.

RESEARCH



**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 more than 130 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?

Determined that massive, mature, fully formed galaxies existed more than 8 billion years ago, far earlier than expected, necessitating a **re-examination of the dominant theory of galactic evolution** (2004).

Sent a **spacecraft to Mercury** to orbit the planet and see, for the first time, the majority of Mercury's surface (2004).

Landed the **first spacecraft on an asteroid** (2001).

Isolated and cultivated **human embryonic stem cells**, the undifferentiated cell from which an entire human being eventually develops (1998).

Helped develop the first effective **treatment for sickle cell anemia** (1995).

Discovered that pennies' worth of **vitamin A supplements** administered to Indonesian children as part of a blindness prevention program were accompanied by a dramatic drop in infant death rates, leading to similar vitamin treatments for thousands of children in developing countries (1983–86).

Identified high rates of infant deaths in motor vehicle accidents, leading to the passage of **child safety restraint laws** throughout the United States (1979).

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 “bio-chemical scissors,” which gave birth to the entire new **field of genetic engineering** (1960s). The discoverers were awarded the Nobel Prize in 1978 for their achievement.

Conducted 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 **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).

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 (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 (1946).

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

Developed the **“blue baby” operation** to correct congenital heart defects, ushering in a new era in open heart surgery (1944).

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

Published the first modern edition of the **“Gilgamesh Epic,”** 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).

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

## AWARDS



**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.

### NOBEL PRIZE WINNERS

**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

**George Hoyt Whipple**, MD 1905  
Associate Professor of Pathology, 1910–14  
Nobel Prize in Physiology or Medicine, 1934

**Harold Clayton Urey**  
Associate in Chemistry, 1924–28  
Nobel Prize in Chemistry, 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



## NOBEL PRIZEWINNERS

### **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 of 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 Sackett**

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

## CURRENT FACULTY HONORS

American Academy of Arts and Sciences members: **52**

Institute of Medicine members: **57**

Lasker Award winners: **6**

MacArthur fellows: **6**

National Academy of Engineering: **4**

National Academy of Sciences members: **27**

National Medal of Science winners: **3**

Nobel laureates: **4**

Presidential Medal of Freedom winners: **2**

Pulitzer Prize winners: **1**

## SOME NOTABLE GRADUATES

**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's *Masterpiece Theatre*

**Manuel Barrueco**, Grammy Award–winning guitarist

**John Barth**, novelist

**Jeffrey Blitz**, writer/director of *Spellbound*, *Rocket Science*, and *Lucky*

**Wolf Blitzer**, journalist

**Michael R. Bloomberg**, New York mayor, founder of Bloomberg L.P.,  
Bloomberg News, Bloomberg Radio

**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



## GLOBAL REACH



**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.

## GLOBAL REACH

**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**. 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.

# LEADERSHIP



**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.

### TEN BY 2020

#### 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 ten 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 twenty 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.

## LEADERSHIP

### President's Cabinet

Kerry A. Ates — Vice President, Chief of Staff

Glenn M. Bieler — Vice President for Communications

Lois Chiang — Senior Adviser to the President

Kathryn J. Crecelius — Vice President, Investments and Chief Investment Officer

Daniel G. Ennis — Senior Vice President for Finance and Administration

Alan Fish — Vice President for Facilities and Real Estate

Andrew B. Frank — Special Adviser to the President for Economic Development

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### Deans and Directors

David W. Andrews — Dean of the School of Education

Fred Bronstein — Dean of the Peabody Institute

Patricia M. Davidson — Dean of the School of Nursing

Bernard T. Ferrari — Dean of the Carey Business School

Elaine T. Hansen — Executive Director, Center for Talented Youth

Michael J. Klag — Dean of the Bloomberg School of Public Health

Vali R. Nasr — Dean of the Paul H. Nitze School of Advanced International Studies

Paul B. Rothman — Vice President for Medicine; Frances Watt Baker, M.D., and Lenox D. Baker Jr., M.D., Dean of the School of Medicine; Chief Executive Officer, Johns Hopkins Medicine

T. E. "Ed" Schlesinger — Benjamin T. Rome Dean of the G.W.C. Whiting School of Engineering

Ralph D. Semmel — Director of the Applied Physics Laboratory

Winston Tabb — Sheridan Dean of University Libraries and Museums

Beverly Wendland — Interim Dean of the Zanvyl Krieger School of Arts and Sciences

## LEADERSHIP

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INNOVATION



**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. As of July 2012, we had more than 1,011 products in the pipeline that are either currently marketed or in various stages of development. In the 2012 fiscal year, the university's inventions generated \$16.2 million in revenue. The several thousand active patents held by Johns Hopkins today could become lifesaving medical devices and therapeutic treatments tomorrow.

## INNOVATION

The number of patent applications filed increased by 57 percent between 2003 and 2010, and the number of new licensing and option agreements increased by 46 percent.

Johns Hopkins executed 157 license and option agreements to commercialize technologies, issued 427 invention disclosures, submitted 757 new U.S. patent applications, and was issued 68 patents in fiscal year 2012.

As of 2010, there were at least 40 companies in Maryland with ties to Johns Hopkins—either engaged in the commercialization of technologies licensed from the university or started by Johns Hopkins faculty, researchers, students, and alumni, or some combination of both.

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 @ 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**.

## ACADEMICS



**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.

### JOHNS HOPKINS DIVISIONS

#### Zanvyl Krieger School of Arts and Sciences

The mission of the Zanvyl Krieger School of Arts and Sciences is the discovery—the creation of knowledge through scholarship and research, and the education of our students, undergraduate, and graduate alike. The school's unique character derives from its commitment to choose carefully what is worth pursuing and to do so without compromise. The school's academic programs in the humanities, natural sciences, and social sciences are renowned for their excellence and intensity, and notable for the wide range of interdisciplinary opportunities they provide.

**Number of students:** 6,944 (3,509 undergraduates, 968 full-time graduate students, 30 postbacs, 2,437 Advanced Academic Programs graduate students)

**Number of faculty:** 286 full-time tenured and tenure-track

**Degrees awarded annually:** 880 undergraduate, 339 graduate, 972 AAP master's (2012)

**Total alumni:** 51,143

**Year established:** 1876

**Interim Dean:** Beverly Wendland

#### Whiting School of Engineering

The Whiting School of Engineering prides itself on being a leader in innovation and research. *U.S. News & World Report* consistently ranks the university's programs in environmental engineering and environmental health among the top in the country. The school boasts graduates such as New York Mayor Michael Bloomberg and chairman of Liberty Media John C. Malone.

**Number of students:** 4,975 (1,676 undergraduates, 1,033 graduate students, 2,266 part-time Engineering for Professionals students)

**Number of faculty:** 118 full-time academic faculty, 25 research faculty, 28 research scientists and engineers, 400 part-time Engineering for Professionals faculty

**Degrees awarded annually:** Full-time programs: 336 bachelor's, 279 master's, 69 PhDs. Part-time programs: 616 master's degrees, 93 certificates (2012)

**Total alumni:** 28,330

**Year established:** 1912

**Dean:** T. E. "Ed" Schlesinger

#### Carey Business School

On December 4, 2006, Johns Hopkins University trustees, in response to a \$50 million gift from William Polk Carey, voted to establish a new business school dedicated to producing innovative leaders with broad, interdisciplinary knowledge. The Carey Business School opened January 1, 2007, continuing the Johns Hopkins tradition of bringing innovative business management programs to the ever-changing workplace.

**Number of students:** 1,646 (131 undergraduates, 1,515 graduate students)

**Number of faculty:** 53 full-time, 167 part-time faculty, 18 senior professional instructors

**Degrees awarded annually:** 40 undergraduate, 634 master's, 77 graduate certificates (2012)

**Total alumni:** 18,500

**Year established:** 2007

**Dean:** Bernard Ferrari

**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. Ranked No. 1 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:** 1,580 (38 undergraduates, 1,542 graduate students)

**Number of faculty:** 65 full-time, 20 joint JHU appointments

**Degrees awarded annually:** 22 bachelor's, 662 master's, 265 certificates (2012); the school awards the largest number of master's degrees in education of any institution in Maryland.

**Total alumni:** 17,000

**Year established:** 1909; became the School of Education in 2007

**Dean:** David Andrews

**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:** 1,331 (484 MD candidates, 847 graduate degree candidates)

**Number of faculty:** 2,551 full-time, 1,291 part-time

**Degrees awarded annually:** 115 MDs, 22 MS/MAs, 152 PhDs (2012)

**Total alumni:** 8,026

**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 tied 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:** 968 (596 undergraduates, 372 graduate students)

**Number of faculty:** 62 full-time, 160 part-time

**Degrees awarded annually:** 290 bachelor's, 108 graduate (2012)

**Total alumni:** more than 6,500

**Year established:** 1889 as Johns Hopkins Training School for Nurses; 1983 as Johns Hopkins University School of Nursing

**Dean:** Patricia M. Davidson

**The 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:** 617 (301 undergraduates, 316 graduate students)

**Number of faculty:** 70 full-time, 103 part-time

**Degrees awarded annually:** 79 bachelor's, 108 master's, 13 DMAs, 36 certificates and diplomas (2012)

**Total alumni:** 6,408 living alumni

**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:** 2,217

**Number of faculty:** 619 full-time, 785 part-time

**Degrees awarded annually:** 703 master's, 123 doctorates (2012)

**Total alumni:** more than 50,000 since 1919

**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:** 1,049 (774 in Washington, D.C.; 218 in Bologna, Italy; 57 in Nanjing, China)

**Number of faculty:** 94 full-time, 183 part-time

**Degrees awarded annually:** 522 (2012)

**Total alumni:** more than 16,000

**Year established:** 1943

**Dean:** Vali R. Nasr

**Applied Physics Laboratory**

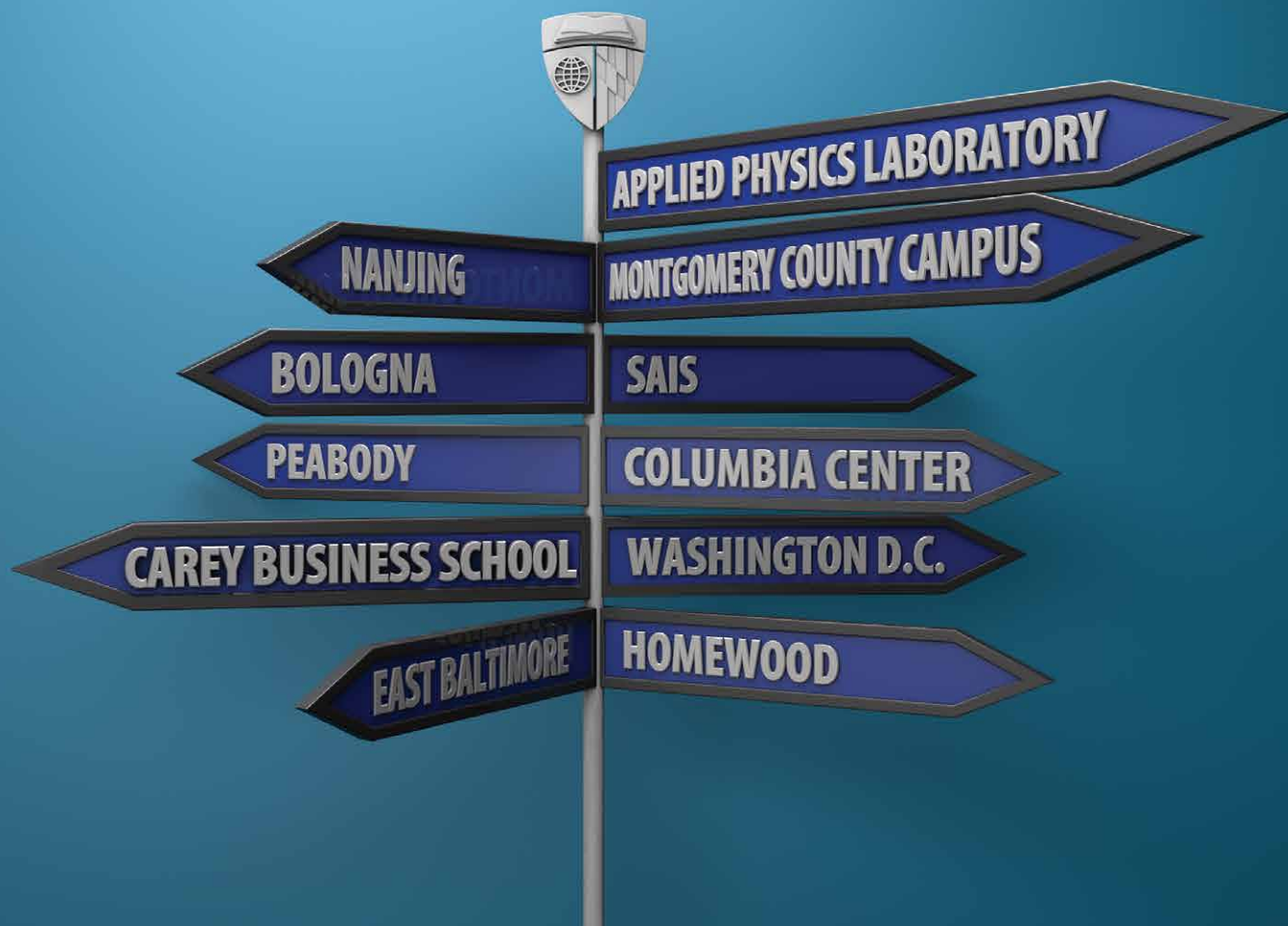
The Applied Physics Laboratory is a not-for-profit center for engineering, research, and development; it is a nonacademic division, meaning that unlike the university's nine other divisions, it does not grant degrees. Located north of Washington, D.C., APL has been a major asset to the nation since it 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:** 5,000; 68 percent are engineers and scientists

**Year established:** 1943

**Director:** Ralph Semmel

## CAMPUSES AND CENTERS



**You can visit all of our campuses in just 9,921 miles.**



## 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.

### CAMPUSES AND CENTERS

#### 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 a 20-story residential tower called the 929, a 10-story parking garage, and several new restaurants. Still to come are the Henderson-Hopkins School and Harry and Jeanette Weinberg Early Childhood Center, a new hotel, townhouses, 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.

#### School of Advanced International Studies

SAIS 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.



**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 main campus has more than 90 acres of the east and northeast sides of campus are forest and wetlands. 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., serves as the administrative office for Advanced Academic Programs and houses 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.



## LIBRARIES AND MUSEUMS



**We have 4,395,668 volumes on our shelves.**

## And more than 985,000 e-books are accessible from the comfort of home.

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 more than a million 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.

### LIBRARIES AND MUSEUMS

#### By the numbers:

Total volumes held: 4,395,668

Electronic journal subscriptions: 76,516

Full-text electronic books: 985,644

#### 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. Today, its collections number more than 4 million volumes. 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 1.1 million visits in 2012.

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 North America. 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 electronic 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 Leakin 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 meetings 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. NW, 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.



## ATHLETICS



**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.

### ATHLETICS

**Mascot:** Blue Jay

**Division I teams:**

Men's lacrosse, Independent; Big Ten as of the 2015 season  
Women's Lacrosse, American Lacrosse Conference through 2014

**Division III teams, Centennial Conference:**

Baseball  
Men's & Women's Basketball  
Men's & Women's Cross Country  
Field Hockey  
Football  
Men's & Women's Soccer  
Men's & Women's Tennis  
Men's & Women's Track (indoor & outdoor)  
Women's Volleyball  
Wrestling

**Division III teams, other conferences:**

Men's fencing, Mid-Atlantic Collegiate Fencing Association  
Women's fencing, Eastern Women's Fencing Conference  
Men's and women's swimming, Blue Grass Mountain Conference  
Water Polo, Collegiate Water Polo Association

**Athletic facilities** include a baseball field, Homewood Field, the Newton White Athletic Center, the Ralph S. O'Connor Recreation Center, and tennis courts on the Homewood campus; and the Denton A. Cooley Center on the East Baltimore campus.

**Club sports:**

*Undergraduate*  
Badminton, Brazilian Jujitsu, Cycling, Field Hockey, Ice Hockey, Men's Lacrosse, Men's Soccer, Men's Squash, Men's Rugby, Men's Ultimate, Men's Volleyball, Outdoors Club (JHOC), Softball, Swimming, Table Tennis, Taekwondo Sport (HST), Taekwondo (T. Kang), Tennis, Water Polo, Women's Basketball, Women's Lacrosse, Women's Soccer, Women's Squash, Women's Ultimate, Women's Volleyball, and Wrestling Club

*Graduate*  
Aikido, Cricket, Karate, Soccer

**Intramural sports:**

*Undergraduate*  
Indoor Soccer, Volleyball, 3-on-3 Basketball, Flag Football, Basketball, Wallyball, Soccer, and Innertube Water Polo

*Graduate*  
Basketball, Soccer and Softball



# COMMUNITY



**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. In 2014, the school will relocate to a new \$42 million, 90,000-square-foot facility—the city's first new public school building in nearly 30 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.

### COMMUNITY

#### Key Baltimore-Based Community Engagement

Johns Hopkins isn't acting alone; it is committed to building community through collaborations with those vested in the improvement of Baltimore, including neighborhood leadership, business interests, nonprofits, institutions, foundations, and government.

#### Homewood Community Partners Initiative:

This unique university-community partnership includes 10 neighborhoods and one commercial district around the Homewood campus. The goal of the partnership is to boost quality of life in the surrounding neighborhoods, reduce blight, improve education, catalyze commercial and retail development, and strengthen local hiring and purchasing. In 2012, Johns Hopkins University committed \$10 million to the initiative.

**East Baltimore revitalization:** Johns Hopkins University, partnering with East Baltimore Development Inc., the city of Baltimore, the Annie E. Casey Foundation, and others, has invested in the large-scale revitalization of areas around Johns Hopkins' East Baltimore campus. The effort seeks to reverse historical trends and transform the neighborhood into a thriving mixed-income community for families, businesses, and public institutions. Collectively, about \$650 million has been invested in the project to date.

#### Elmer A. Henderson: A Johns Hopkins

**Partnership School:** Operating under a contract with Baltimore City Public Schools, Henderson-Hopkins is a K-8 school serving 260 students in temporary facilities, with plans to relocate to a new \$42 million, 90,000-square-foot facility on a seven-acre campus within the East Baltimore Development Inc. redevelopment area in early 2014. The school will share the site with the \$10 million, 28,000-square-foot Harry and Jeanette Weinberg Early Childhood Center. The capacity of the EBCS and ECC will be approximately 540 and 180, respectively. Using curricula developed at the School of Education, and maximizing the university's expertise from across its divisions, Henderson-Hopkins pursues the most contemporary, effective approaches to meeting the needs of students, their families, and the community.

**Live Near Your Work:** This program provides grants to encourage Johns Hopkins employees to purchase homes near its principal locations in Baltimore. In fiscal year 2010, the program provided grants totaling \$416,000 to 70 employee homeowners. More than 550 housing grants have been made.

**Center for Social Concern:** CSC provides a base for more than 50 student-run programs that serve Baltimore communities. In 2009-2010, more than 1,500 students performed nearly 80,000 hours of volunteer work through these programs.

#### Johns Hopkins Takes Time for Schools

**and other education initiatives:** Almost 200 Johns Hopkins employees regularly volunteer in Baltimore public schools; they account for 37 percent of all registered volunteers in the city's school system. Additionally, 100 full-tuition scholarships have been awarded through the Baltimore Scholars program.

**President's Day of Service:** This universitywide day of service sends approximately 1,000 students, faculty, and staff to participate in volunteer projects throughout the Baltimore area.

**Economic Impact:** Johns Hopkins is Baltimore's largest employer, a major purchaser of goods and services, a sponsor of large-scale construction projects, and a magnet for students and visitors. In fiscal year 2010, it is estimated that Johns Hopkins directly or indirectly accounted for nearly \$4 billion in economic output in Baltimore, and more than 49,170 jobs—about one out of every seven jobs in the city. During that same period of time, Johns Hopkins purchased \$141.6 million in goods and services from minority and women-owned businesses, and paid \$37.8 million to minority and women-owned construction companies.

## UNDERGRADUATE EDUCATION



**Three bachelor's degrees were conferred in spring 1879.**

## By spring 2013, that number had increased by 56,267 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 1,691 bachelor's degrees across all divisions on May 23, 2013. 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.

### UNDERGRADUATE EDUCATION

#### Freshman Admission Selectivity (2013)

Applicants: 20,614  
Admitted: 3,519  
Enrolled (projected): 1,317  
Admit rate: 17 percent  
Early Decision available? Yes  
Early Decision applicants: 1,445  
Admitted Early Decision applicants: 528

#### Standardized Tests

Middle 50th percentile for admitted students in 2013:  
SAT Composite: 2090-2290  
ACT: 31-34

#### Programs of Study

Majors: 51  
Minors: 42

#### Most Popular Majors (Homewood)

Public Health Studies  
International Studies  
Biomedical Engineering  
Neuroscience  
Molecular and Cellular Biology

#### Class Size

68 percent of classes have fewer than 20 students.  
Only 5 percent of classes have more than 100 students.

#### 'U.S. News & World Report' undergraduate rankings

National university: 12 (tie)  
Undergraduate engineering: 17 (tie)  
High school counselor ranking: 4.8 out of 5  
On lists of schools that excel in undergraduate research, that are noted for socio-economic diversity, and that are considered the best values.

#### Students

Enrolled undergraduates: 5,185  
Geographic origin: all 50 states, 71 nations  
Male/female ratio: 51/49 percent  
Enrollment by racial/ethnic category: 50 percent white, non-Hispanic; 19 percent Asian, non-Hispanic; 10 percent Hispanic; 9 percent nonresident aliens; 5 percent black or African American, non-Hispanic; 4 percent two or more races, non-Hispanic; 3 percent race and/or ethnicity unknown.  
97 percent of freshmen entering in fall 2011 returned for sophomore year

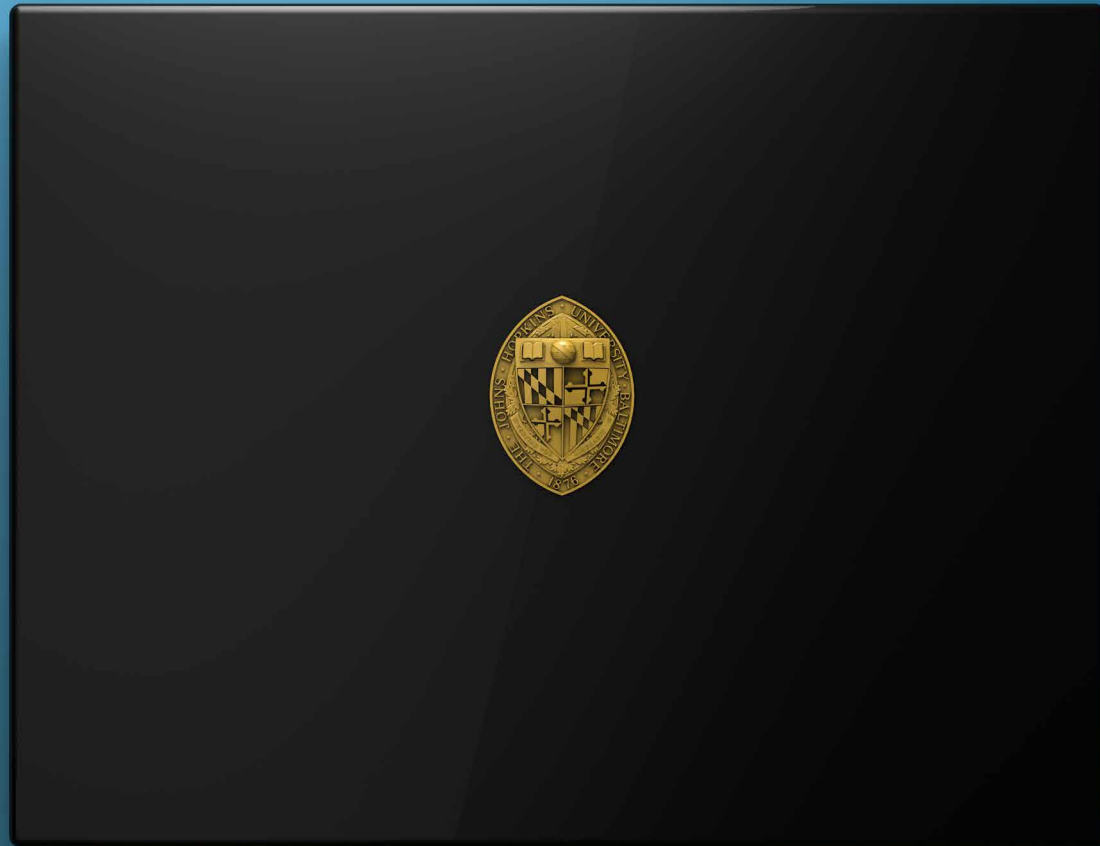
#### Costs and Financial Aid

Tuition: \$47,060  
Room and board (double room, "anytime" meal plan): \$14,246  
Average financial aid package: \$36,924  
Students receiving aid: more than 40 percent  
*Costs current as of April 25, 2014*

#### Student Life

More than 400 student groups and organizations  
More than 60 student-run groups dedicated to volunteerism or service  
Nine sororities, 14 fraternities, 1,497 students involved in Greek life  
More than 20 club sports; more than half of students participate in intramurals

## GRADUATE EDUCATION



**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.

### GRADUATE EDUCATION

Throughout the university's campuses locally and worldwide, about **15,000 full-time and part-time graduate students** study in 180 fields.

The Krieger School of Arts and Sciences and Whiting School of Engineering offer **36 different full-time graduate programs**.

Graduate students in the Krieger and Whiting schools collaborate at the Hopkins Extreme Materials Institute **to protect people, structures and the planet** by advancing the fundamental science of materials and structures under extreme conditions. They develop science-based tools for academia, industry and the government.

Faculty and graduate-level researchers collaborate with government and industry **to address the nation's cybersecurity and privacy issues** in the Whiting School's Information Security Institute. It has been designated as a Center of Academic Excellence in Information Assurance by the National Security Agency.

Students pursuing a Master of Arts in international studies from SAIS' Hopkins-Nanjing Center complete course work and a thesis entirely in Chinese. This demands **a high level of Chinese language proficiency and well-developed cultural sensitivity**.

The School of Education offers a full-time Doctor of Philosophy program, an interdisciplinary approach to address policy and practice challenges associated with **improving children's classroom success** from preschool through high school.

The Peabody Conservatory's **graduate-level conducting program** is highly competitive: The acceptance rate is only about one in seven.

Students in the full-time Master of Public Health program spend 11 months interacting with nearly 600 faculty members at the Bloomberg School of Public Health who are **renowned for teaching, practice, and ongoing research around the world**.

The School of Medicine was **the first major medical school in the U.S. to admit women**. Today, approximately 50 percent of the students in the school are women.

In the School of Nursing's Simulation Center, graduate students get **hands-on experience** without risk to patients. Instead they may first practice their skills with "Sim Fam" members like Harvey, Noelle, and Sim Baby.

Candidates for a Global MBA at the Carey Business School take a yearlong course called Discovery to Market, where students work with inventors and entrepreneurs to **commercialize actual scientific discoveries**.

#### 'U.S. News & World Report' graduate rankings:

Bloomberg School of Public Health: 1

School of Nursing: 1 (tie)

School of Education: 1

School of Medicine: 3

Biomedical engineering: 1

Biological sciences: 5 (tie)

Statistics: 5 (tie)

Environmental health engineering: 8





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