

Forward. *For all of us.*



JOHNS HOPKINS
MEDICINE

Excellence and Discovery
Overview Brief



Mission

The mission of Johns Hopkins Medicine is to improve the health of the community and the world by setting the standard of excellence in medical education, research and clinical care.

Diverse and inclusive, Johns Hopkins Medicine educates medical students, scientists, health care professionals and the public; conducts biomedical research; and provides patient-centered medicine to prevent, diagnose and treat human illness.

Vision

Johns Hopkins Medicine pushes the boundaries of discovery, transforms health care, advances medical education and creates hope for humanity.

Together, Johns Hopkins Medicine will deliver the promise of medicine.

Core Values



Excellence & Discovery



Leadership & Integrity



Diversity & Inclusion



Respect & Collegiality



Founding Vision and Philanthropy



Johns Hopkins, the Quaker merchant, banker and businessman, left \$7 million in 1873 to create The Johns Hopkins University and The Johns Hopkins Hospital, instructing his trustees to create new models and standards for medical education and health care.

He was named for his great-grandmother, Margaret Johns, her last name becoming his first.

Updated December 2020: Previously adopted accounts portray Johns Hopkins as an early abolitionist whose father had freed the family's enslaved people in the early 1800s, but recently discovered records offer strong evidence that Johns Hopkins held enslaved people in his home until at least the mid-1800s. Learn more at the [Hopkins Retrospective website](#).



In 1890, Mary Elizabeth Garrett followed Johns Hopkins' initial gift by leading, and making the foundational contribution to, a national fundraising campaign to establish the school of medicine. She required rigorous academic standards and admission for women on an equal basis with men.

Learn more about [philanthropy at Johns Hopkins Medicine](#).

About Johns Hopkins Medicine



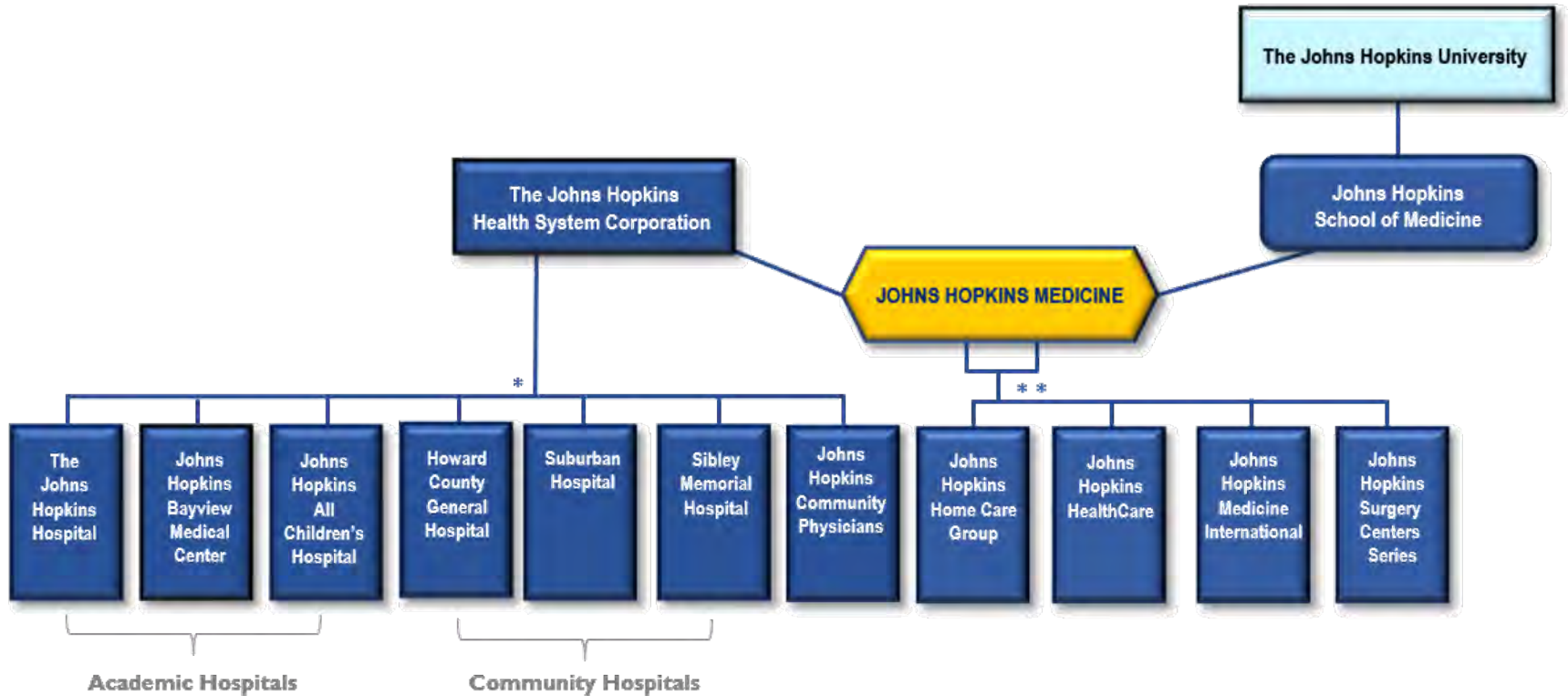
The Johns Hopkins Hospital opened in 1889, and the Johns Hopkins University School of Medicine opened four years later.

In 1986, the hospital trustees created The Johns Hopkins Health System Corporation to serve as the parent of the hospital and future subsidiary entities.

In 1996, the health system and the school of medicine joined together to become Johns Hopkins Medicine.



Organization Structure



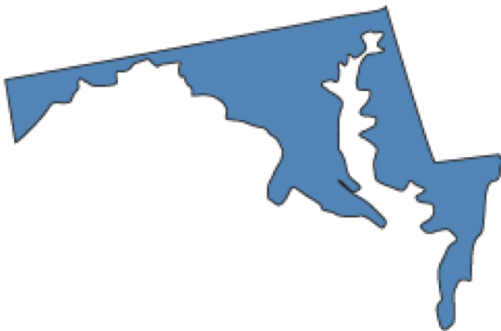
* These entities are 100% owned by The Johns Hopkins Health System Corporation

** These entities are 50%/50% joint ventures between The Johns Hopkins Health System Corporation and The Johns Hopkins University

Johns Hopkins Medicine (FY 2021)



- \$9.7 billion in operating revenues
- 40,000-plus full-time equivalent employees; among largest private employers in Maryland

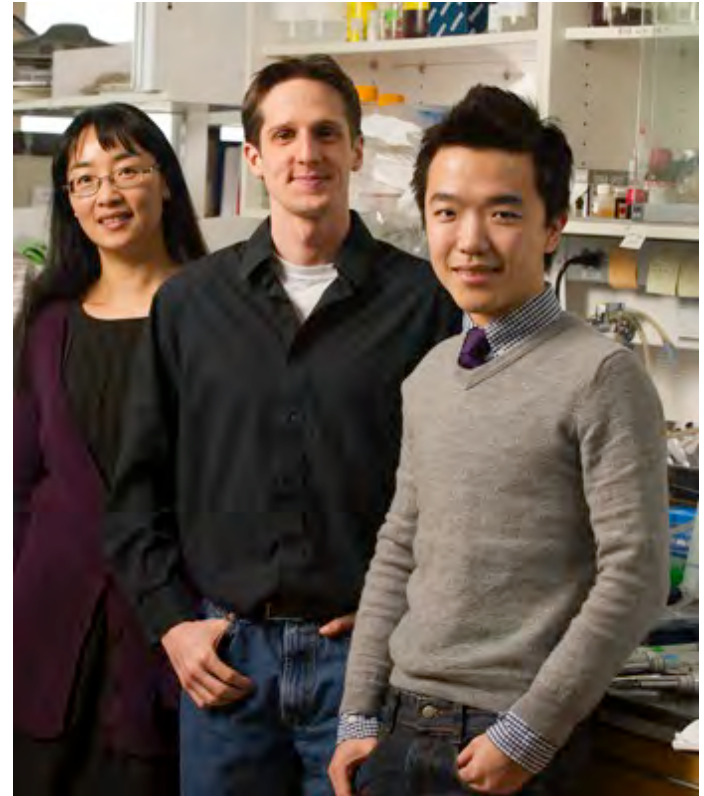


- 2.4 million-plus annual outpatient visits
- 279,300-plus annual emergency department visits
- 95,500-plus annual hospital admissions
- At over \$2.5 billion, The Johns Hopkins University is the leading U.S. academic institution in total research and development spending, according to the National Science Foundation's rankings.
- \$300-350 million annually in philanthropy

Johns Hopkins University School of Medicine



- M.D./Ph.D. program—One of the premier medical scientist training programs in the country
- M.D./M.P.H. and M.D./M.B.A. joint degree programs
- M.A. in medical and biological illustration
- Ranked third in NIH funding for U.S. medical schools (\$533.5 million)
- Medical and doctoral students: over 1,300
- Full-time faculty: over 3,200
- Part-time faculty: over 1,700



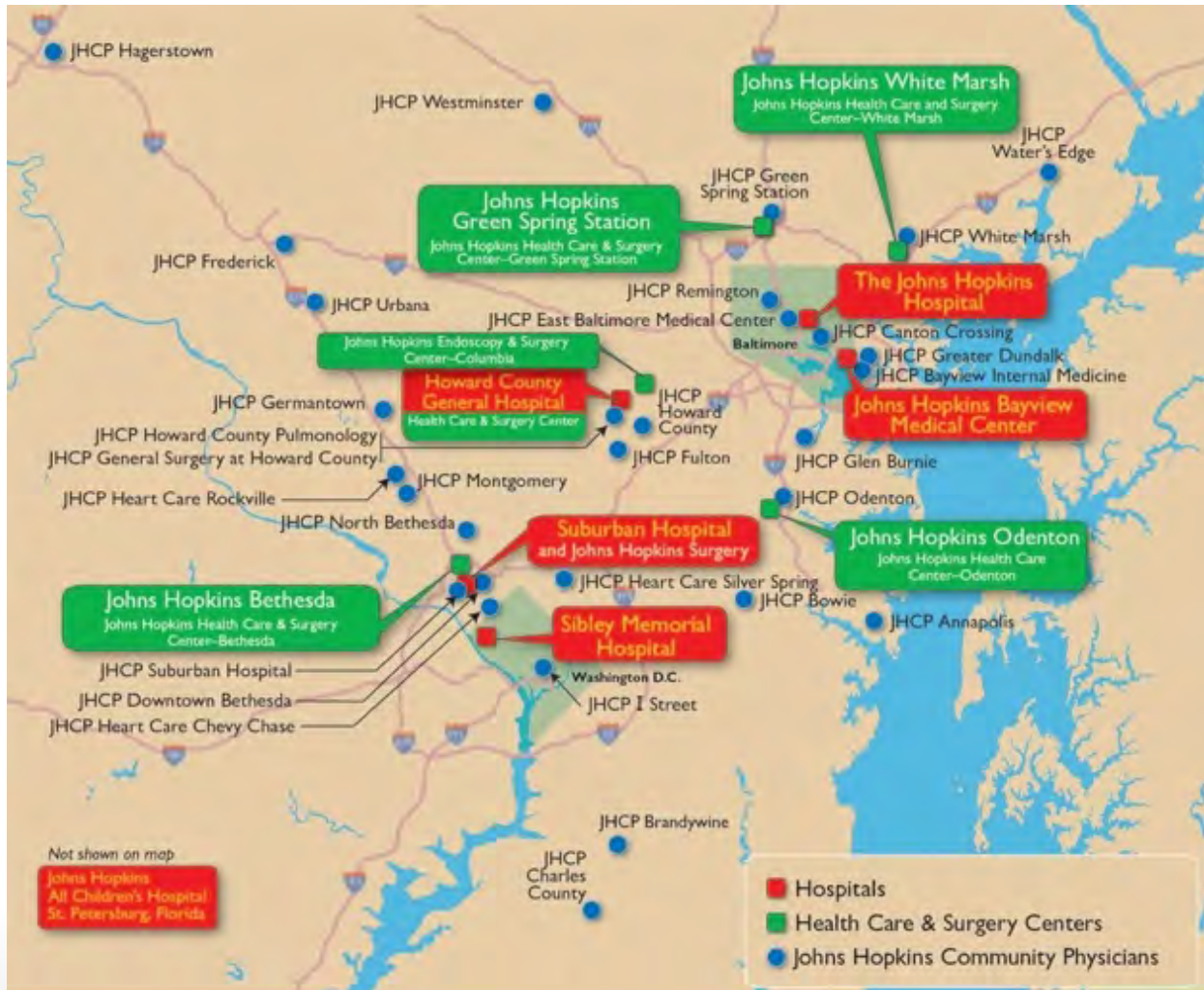
- 45,000-plus donors contribute \$300 million-\$350 million annually
- Philanthropic funds support the JHM tripartite mission: medical education, research and clinical care



Learn more about [philanthropy at Johns Hopkins Medicine](#).

The Fund for Johns Hopkins Medicine

- Mission: To generate maximal philanthropic support for the priorities, goals, and activities of JHM through developing effective relationships with faculty, clinicians, institutional alumni, donors, and potential donors
- Supports Baltimore-based departments as well as all Johns Hopkins hospitals
- Focuses on institutional priorities such as professorships and support for junior faculty, alleviating student debt, and improving medical outcomes for patients



The Johns Hopkins Hospital (FY 2021)



The Johns Hopkins Hospital

The Johns Hopkins Hospital ranked #1 in Maryland and #4 in the nation on *U.S. News & World Report's* Best Hospitals 2021–22 Honor Roll. The hospital has been designated as one of the top 5 hospitals in the nation for all 32 years of *the U.S. News and World Report* rankings.

1,162 licensed beds, over 2,440 full-time attending physicians

- **Johns Hopkins Children's Center**
Consistently ranked by *U.S. News & World Report* as one of the top centers in the nation.
- **Johns Hopkins Kimmel Cancer Center**
National Cancer Institute-designated cancer center; consistently ranked among the top in the nation by *U.S. News & World Report*.

Facts and Components – Other Johns Hopkins Hospitals (FY21)



Johns Hopkins Bayview Medical Center

Baltimore, Maryland

- 463 licensed beds, over 1,580 attending physicians



Johns Hopkins All Children's Hospital

St. Petersburg, Florida

- 259 licensed beds, 372 active medical staff members
- Ranked by *U.S. News & World Report* in multiple specialties



Howard County General Hospital

Columbia, Maryland

- 243 licensed beds, over 420 active medical staff members
- Designated by the Maryland Institute for Emergency Medical Services Systems as a Cardiac Interventional Center, Primary Stroke Center and Perinatal Referral Center

Facts and Components – Other Johns Hopkins Hospitals (FY21)



Sibley Memorial Hospital

Northwest Washington, D.C.

- 288 licensed beds, more than 975 active medical staff members
- Tied for #4 in the Washington metropolitan region in *U.S. News & World Report's* Best Hospitals 2021–22 Honor Roll rankings and received the “high performing” ranking in nine procedures or conditions
- Johns Hopkins Kimmel Cancer Center at Sibley is home to the Johns Hopkins Proton Therapy Center



Suburban Hospital

Bethesda, Maryland

- 228 licensed acute care beds, more than 320 active medical staff members
- Designated by the Maryland Institute for Emergency Medical Services Systems as a Level II Trauma Center

Other Johns Hopkins Health System Highlights



Johns Hopkins HealthCare

Managed care plans covering more than 467,100 people

Johns Hopkins Community Physicians

With over 40 primary and specialty care outpatient sites, Johns Hopkins Community Physicians handles more than 903,200 annual patient visits

Johns Hopkins Home Care

A full-service home care provider with over 147,900 patients served

Note: Figures are for FY21

- Division of Johns Hopkins Medicine responsible for global advancement of the mission.
- Develops high-impact collaborations throughout the world by leveraging Johns Hopkins' extensive knowledge of medicine, nursing, public health, clinical education, research and health care administration to improve health and health care delivery.
- Facilitates personalized, culturally appropriate care for Johns Hopkins Medicine's global patients.
- Provides specialized concierge health care services.



Johns Hopkins Medicine International's Global Collaborations



ANNE ARUNDEL MEDICAL CENTER (LUMINIS HEALTH)	GREATER BALTIMORE MEDICAL CENTER (GBMC)	MT. WASHINGTON PEDIATRIC HOSPITAL
<i>Anne Arundel County</i>	<i>Towson</i>	<i>Baltimore</i>
<ul style="list-style-type: none"> Johns Hopkins Children’s Center hosts clinics at Anne Arundel Medical Center in the areas of pediatric gastroenterology, pediatric neurology, pediatric pulmonology and pediatric surgery. 	<ul style="list-style-type: none"> Johns Hopkins physicians manage and supervise all heart-center related inpatient and outpatient testing. Johns Hopkins physicians from the Johns Hopkins Heart Center, Johns Hopkins Voice Center and Johns Hopkins Pediatric Surgery have an enhanced collaboration with GBMC staff. GBMC houses two Johns Hopkins-integrated residency programs: otolaryngology and gynecology/obstetrics. 	<ul style="list-style-type: none"> Jointly owned by Johns Hopkins Medicine and the University of Maryland Medical System, the Mt. Washington Pediatric Hospital is a 102-bed nonprofit children’s hospital that provides long-term care for children with complex health problems.

WELLSPAN HEALTH	ALLEGHENY HEALTH NETWORK (AHN)
<i>Pennsylvania</i>	<i>Pennsylvania</i>
<ul style="list-style-type: none"> • Collaborates with Johns Hopkins Kimmel Cancer Center through peer-to-peer consults, clinical trials, second opinions and a broad range of research. • Collaborates with the Armstrong Institute for Patient Safety and Quality. • Johns Hopkins Children's' Center provides general pediatric surgery. • Johns Hopkins Center for Fertility Therapy works closely with WellSpan Fertility Care for complex fetal conditions. • Johns Hopkins experts support WellSpan's plastic and reconstructive surgery services, and urology services. 	<ul style="list-style-type: none"> • Collaborates with Johns Hopkins Kimmel Cancer Center and the Johns Hopkins Department of Gynecology and Obstetrics for consultations, clinical trials and research. The organizations work on initiatives designed to foster clinical advancements and a broad range of research. • The lung transplant program combines a team of AHN specialists with the Johns Hopkins lung transplant team to coordinate all of the necessary tests, exams and procedures for AHN patients. • AHN has opened the Glimmer of Hope Metastatic Breast Cancer Center and is expanding collaboration with the Johns Hopkins Kimmel Cancer Center Breast Cancer Program. • AHN collaborates with the Johns Hopkins Center for Fetal Therapy for complex fetal conditions.

Notable Milestones

- First major medical school in the U.S. to admit women. (1893)
- Popularized the use of rubber gloves during surgery.
- Pioneered surgery for breast cancer. (1889)
- First to develop renal dialysis. (1912)
- Isolated and crystallized insulin. (1926)
- Developed cardiopulmonary resuscitation (CPR). (1958)
- Discovered restriction enzymes, “biochemical scissors,” which gave birth to genetic engineering. (1968)
- Invented first implantable, rechargeable pacemaker for cardiac disorders. (1972)
- Developed first and only effective treatment for sickle cell disease. (1995)
- Pioneered exchange of kidneys among incompatible donors. (2003–2009)
- Unveiled an initial catalog of more than 80% of the proteins in the human body (the “proteome”) as a resource for scientists in every biomedical field. (2014)



Notable Milestones (Continued)

- Johns Hopkins research spurred the signing of the HIV Organ Policy Equity (HOPE) Act, which lifted the ban on transplanting organs from people living with HIV (2013). Johns Hopkins performed the first such transplant in the U.S. in 2016.
- Surgeons successfully performed the first total penis and scrotum transplant in the world (2018). The recipient is a veteran who sustained injuries during service in Afghanistan.
- Johns Hopkins launched the Center for Psychedelic and Consciousness Research, making it what is believed to be the first such research center in the U.S., and the largest research center of its kind in the world. (2020)
- Johns Hopkins Medicine responded to the COVID-19 pandemic caring for patients in need, advancing discoveries about the virus and disease and providing the world with up-to-date, accurate information (2020)



Coronavirus (COVID-19) Information and Updates



Johns Hopkins Medicine researchers are working tirelessly to find ways to better understand, treat and eventually eliminate COVID-19 and the illness that results from infection.

Learn more: [Coronavirus \(COVID-19\) Information and Updates](#)

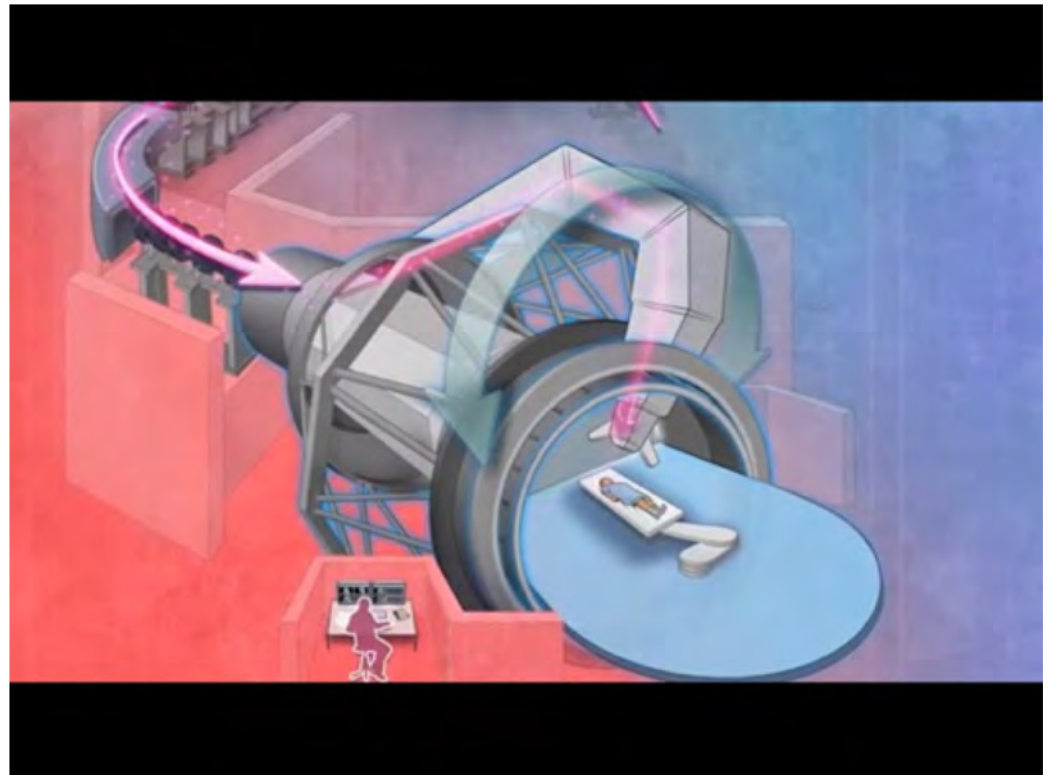


Johns Hopkins Proton Therapy Center



The Johns Hopkins Proton Therapy Center in Washington, D.C., is one of the largest and most advanced centers in the U.S. With three treatment rooms and more than 30 specialists, our center combines the unsurpassed expertise of our team, innovative technology and advancements in research to provide tailored cancer treatments for children and adults.

[Learn more](#) about our proton center.



Watch a [guided tour](#) of the Proton Center.



2019 Nobel Prize in Physiology or Medicine

Gregg Semenza, M.D., Ph.D.,
C. Michael Armstrong Professor of Medicine, Johns Hopkins University School of Medicine



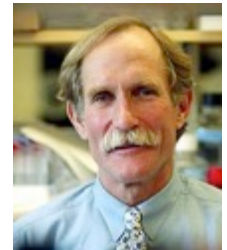
2009 Nobel Prize in Physiology or Medicine

Carol Greider, Ph.D.
Daniel Nathans Professor and Director of Molecular Biology and Genetics, Institute for Basic Biomedical Sciences



2003 Nobel Prize in Chemistry

Peter Agre, M.D.
Professor of Biological Chemistry, Director of the Johns Hopkins Malaria Institute



1978 Nobel Prize in Physiology or Medicine

Hamilton Smith, M.D.,
professor of microbiology, Johns Hopkins University School of Medicine



Daniel Nathans, M.D.,
professor of molecular biology and genetics, Johns Hopkins University School of Medicine

Awards & Honors



2015 Howland Medal in pediatrics:
Catherine DeAngelis, M.D.

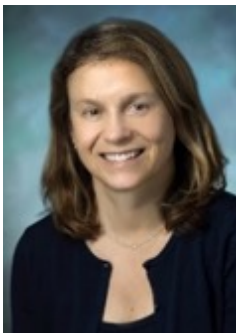


2007 National Physician of the Year Award for Clinical Excellence;

2007 King Faisal International Prize in Medicine:
Patrick Walsh, M.D.



MacArthur “Genius Award” winners



Geraldine Seydoux (2001)



Kay Redfield Jamison (2001)



Lisa Cooper (2007)




Peter Pronovost, M.D., Ph.D. (2008)

Medical Education

Pioneered Genes to Society curriculum, which teaches an “individualized medicine” model based on genetic variability, interdisciplinary diagnostics and treatment, evidence-based care, health disparities and safety.

- The framework is based on the precepts of individuality and systems biology.
- Reframes the context of health and illness so that students consider all aspects impacting an individual’s health—social, cultural, psychological, environmental and genetic.
- The linchpin is Scientific Foundations of Medicine, taught in year one, with topics ranging from principles of protein structure to clinical research.
- First graduating class was in 2013.



 Watch a video about our [innovative medical education program](#).

 Watch a video about our [125th Anniversary](#).

ANCC Magnet Recognition Program® Designation: Magnet Recognition® is the highest and most prestigious credential a healthcare organization can receive for nursing excellence and quality patient outcomes. The Johns Hopkins Hospital received its initial four-year Magnet designation in 2003 and was redesignated in 2008, 2013 and 2018. Suburban Hospital and Johns Hopkins All Children's Hospital achieved their first Magnet designations in 2019.

Strength of Shared Governance: Robust nurse-led councils at all levels of the organization give nurses a platform to make their voices heard, and empowers them to shape their professional practice and patient care.

Nursing Inquiry: Nurses are encouraged to pursue all forms of scholarly inquiry, including evidence-based practice, quality improvement and research, to guide practice changes and innovations in care.

Advanced Practice Nursing: Across the Johns Hopkins Health System, advance practice nurses, such as nurse practitioners, clinical nurse specialists and nurse anesthetists, play pivotal, multi-faceted roles on the health care team. They serve as primary care providers, expert consultants for their fellow nurses, leaders in new models of care delivery and much more.

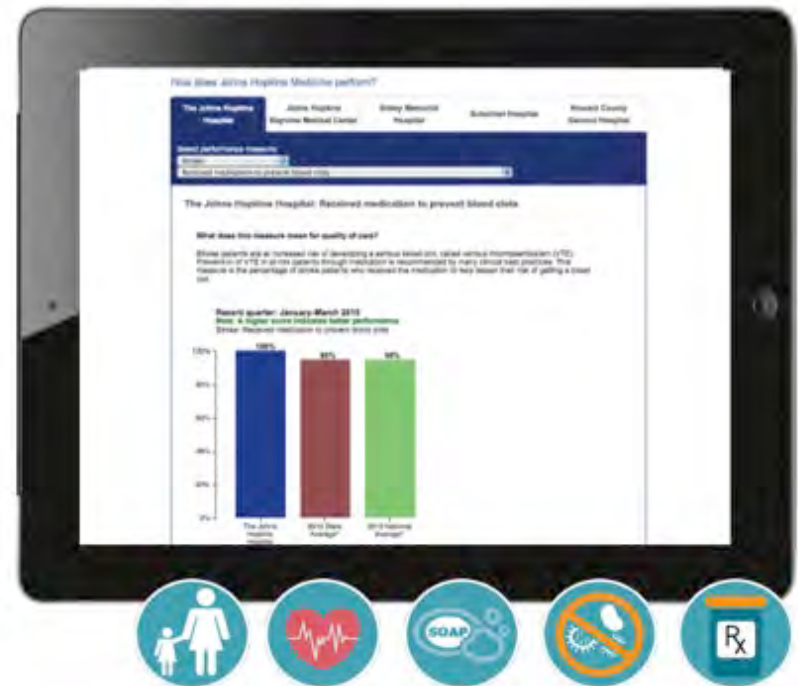
Global Reach: Johns Hopkins nurses are part of medical rapid response teams, deployed across the country and abroad when disasters strike. They consult with international health care organizations to share expertise and best practices, and provide new knowledge and innovation to the world.



Video: [What Does it Take to Be a Johns Hopkins Nurse?](#)

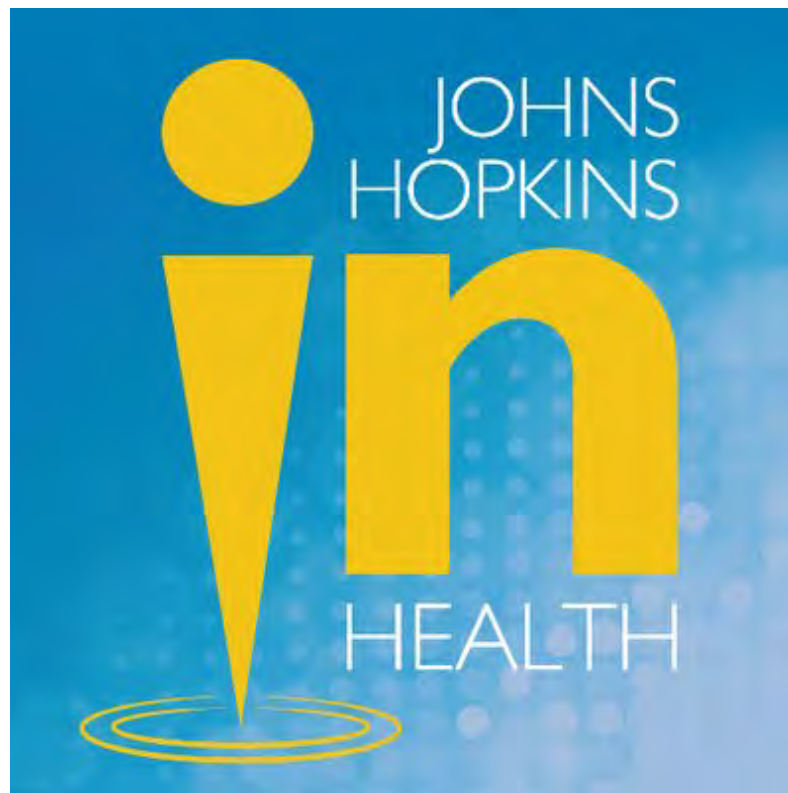
Reducing preventable harm, improving patient outcomes and experiences, and reducing waste in health care delivery at Johns Hopkins and around the world by:

- Advancing the science of patient safety and quality
- Building organizational capacity for improvement through training and supportive infrastructure
- Designing, implementing and evaluating interventions



Learn more about the [Armstrong Institute](#).
Read about the 10th anniversary in [Dome](#).

- **Goal:** Improve diagnosis, treatment and outcomes by further defining patient subgroups that respond differently to disease and treatment.
- Precision Medicine Centers of Excellence partner with patients to advance knowledge.
- The Johns Hopkins Precision Medicine Initiative includes 20 Precision Medicine Centers of Excellence, each focusing on a specific disease, and is now working to develop 50 Precision Medicine Centers in the next five years.



Combines the school of medicine's nine basic science departments to foster research programs in emerging and promising fields.

Conducts over \$100 million in fundamental research.

- Biological Chemistry
- Molecular and Comparative Pathobiology
- Biomedical Engineering
- Biophysics and Biophysical Chemistry
- Molecular Biology and Genetics
- Cell Biology
- Neuroscience
- Pharmacology and Molecular Sciences
- Physiology

Learn more about the [Institute for Basic Biomedical Sciences](#).



Johns Hopkins Core Research Facilities



Johns Hopkins Medicine researchers operate more than 50 core facilities to provide access to instrumentation, equipment, facilities and professional expertise to support basic, translational and clinical research. Using statistics and analytics, imaging, and genomics services, researchers can avoid the cost and inefficiencies of duplicated effort.

Learn about the [core facilities](#).





- Focuses on basic research to develop cell engineering therapies.
- Ongoing work includes emphasis on Parkinson's disease, ALS, cancer, diabetes, heart failure, stroke and spinal cord injury among many more.

Learn more about the [Institute for Cell Engineering](#).

Johns Hopkins Technology Ventures



The university's intellectual property administration center serves researchers and inventors as a licensing, patent and technology commercialization office.

- Startup venture capital raised: \$768 million
- Licensing revenues: \$38.9 million
- Total invention disclosures: 444
- Licensing agreements: 144
- Total active patents worldwide: 3,477
- Active startups: 144

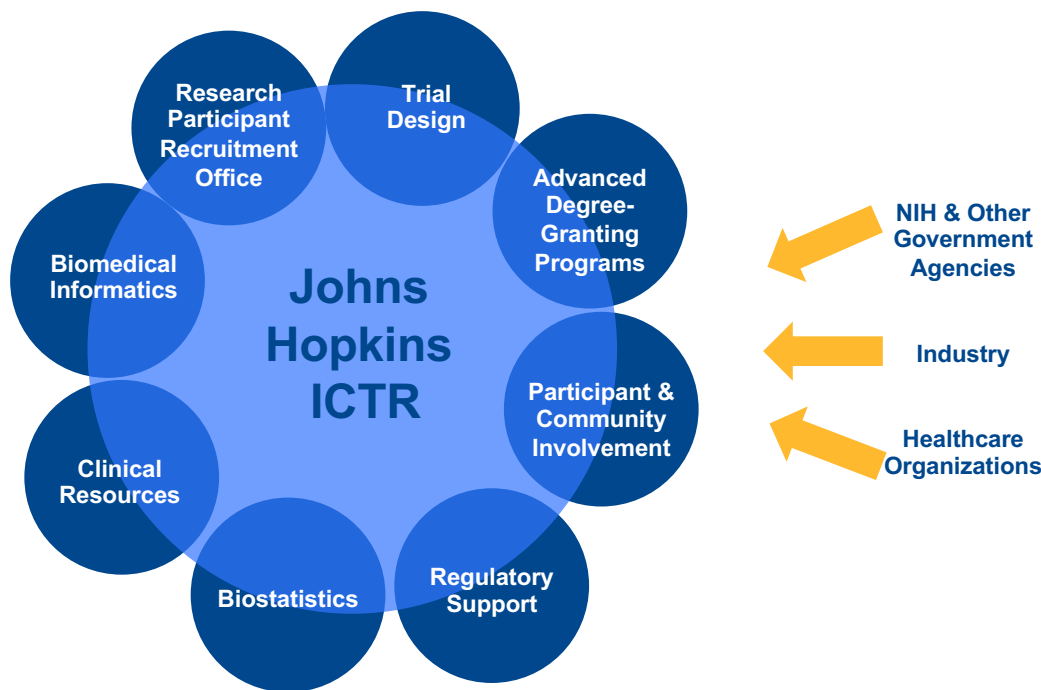


Note: above figures are for FY 2021

Johns Hopkins Institute for Clinical and Translational Research (ICTR)



- **Goal:** To accelerate bench-to-bedside medical innovations and new translational treatments for patients.
- Supports the work of more than 100 faculty members from the schools of medicine, engineering, nursing and public health.



Watch a video to learn about our [clinical trials program](#).

Our Mission and Vision

Our Mission

To provide content expertise and programmatic support to institutional leadership and HR to recruit, promote, retain and engage those underrepresented in medicine, science, nursing and health care administration so that we can achieve health equity for the most vulnerable populations.

Our Vision

We envision a Johns Hopkins Medicine where diversity, equity and inclusion are in our DNA, and where together we commit to:

- **Embracing** and celebrating our differences
- **Educating** and developing our staff and learners
- **Engaging** in equitable health care delivery and workforce practices

Visit the [Office of Diversity, Inclusion and Health Equity](#) website.

The hospital must care for “the indigent sick of this city and its environs, without regard to sex, age, or color, who may require surgical or medical treatment.”



— *Johns Hopkins to
Johns Hopkins
Hospital trustees,
1873*

Employee Resource Groups



Johns Hopkins Medicine Employee Resource Groups (ERGs) are made up of staff members, typically from underrepresented groups, and their allies who volunteer to come together based on a common purpose or background or on shared interests. ERGs foster an inclusive workplace, giving employees opportunities to benefit from our community, contribute to patients' experiences and develop our existing diverse talent. ERG activities can include seminars and panel discussions and community events.

All Johns Hopkins Medicine employees are invited to join one of our five system-wide ERGs.

[Learn more.](#)

A Video Message From Our Chief Diversity Officer



“A culture of diversity and inclusion in healthcare is a matter of life and death.”
— Sherita Golden, M.D., M.H.S., vice president, chief diversity officer, Johns Hopkins Medicine



[Watch the video.](#)

HopkinsLocal Progress at a Glance



BUILD

\$20.3M

in addressable construction spending went to contractors that were minority-owned, women-owned or disadvantaged business enterprises in FY19.

74

small, local minority-owned, women-owned or disadvantaged construction businesses expanded their skills and connections through the BLocal BUILD College.



HIRE

423

new hires for a set of targeted positions live in focus-area Baltimore City ZIP codes in FY19.

146

justice-involved individuals were hired for a variety of positions at the university and health system in FY19.



BUY

\$59M

spending in targeted categories with local businesses in FY19.

26

development plans continued with nonlocal suppliers to increase those companies' efforts to hire, procure or invest in Baltimore.

Community Engagement: Health Care



- **Johns Hopkins Adolescent Clinic:** The clinic serves approximately 7,500 East Baltimore children and adolescents with over 25,000 visits per year.
- **East Baltimore Medical Center partnership:** JHM partners with Baltimore Medical Services to support comprehensive health care services in the community to over 19,000 East Baltimore residents.
- **Community Care-A-Van:** A free mobile medical unit provides primary care, immunizations, acute care, physicals and education.
- **Center for Promoting Health/Salud and Opportunity for Latinos (Centro SOL):** Enhances the health of Latinx residents in Baltimore by combining coordinated clinical care with a wide variety of health services and education initiatives.
- **The Access Partnership:** Improves access to primary and specialty care for uninsured and underinsured patients. Serving primarily the Latinx population, the program has provided medical services to over 7,500 unique patients and processed over 20,000 specialty referrals since 2009.



[Learn more.](#)

Community Engagement: Outreach



- **Community of Caring Campaign:** Encourages staff involvement and provides support for revitalization and redevelopment initiatives.
- **Johns Hopkins Injury Prevention and Community Outreach Collaborative:** Prevents violence through education and outreach.
- **Hopkins Community Connection:** Provides added care to clinic visitors through connecting families in need to essential resources such as food, shelter, childcare, security and job training. HCC assisted over 2,800 community members in 2019.
- **Takes Time for Baltimore:** Johns Hopkins Office of Work, Life and Engagement provides outreach and service opportunities with neighborhood partners.



Better Health for All

Better Health for All, a continuing series of articles in [Dome](#), reports on various aspects of our ongoing efforts to create health equity in our neighboring communities and beyond.

Read more:

[Johns Hopkins Takes COVID-19 Care to the Community](#)

[Johns Hopkins Administrator Alicia Wilson: From the Community, for the Community](#)

[Johns Hopkins Bayview Team Provides Vital COVID Information to Underserved Communities](#)



To learn more, please visit us at:

www.hopkinsmedicine.org

Johns Hopkins Medicine is a \$9.7 billion integrated global health enterprise and one of the leading academic health care systems in the United States. It unites the physicians and scientists of the Johns Hopkins University School of Medicine with the organizations, health professionals and facilities of the Johns Hopkins Health System. Diverse and inclusive, Johns Hopkins educates medical students, scientists, health care professionals and the public; conducts biomedical research; and provides patient-centered medicine to prevent, diagnose and treat human illness. Johns Hopkins Medicine has six academic and community hospitals in Maryland, the Washington, D.C., metropolitan region and Florida, including The Johns Hopkins Hospital, which opened in 1889. The organization operates four health care and surgery centers, four ambulatory surgery centers, and more than 40 primary and specialty care outpatient sites under Johns Hopkins Community Physicians. Johns Hopkins Medicine extends health care into the community through Johns Hopkins Home Care Group and Johns Hopkins HealthCare, and around the world through Johns Hopkins Medicine International. For information about the enterprise and its research, education and clinical programs, and for the latest health, science and research news, visit hopkinsmedicine.org.