“At Johns Hopkins Medicine, we talk about excellence and discovery because both are firmly embedded in our more than 125-year history. Modern medical education was born and revolutionized here, and countless advances in medicine were made by Johns Hopkins physicians and scientists. We have evolved into an internationally recognized medical system built to deliver evidence-based medicine with cutting-edge innovation.

Paul B. Rothman, M.D.
Dean of the Medical Faculty
CEO, Johns Hopkins Medicine

Watch the 2020 State of Johns Hopkins Medicine Video
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

Be the best

Be a role model

Be kind

Be open
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 (and confusing people ever since).

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. More information: 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.
Johns Hopkins Medicine (FY 2020)

- $8.9 billion in operating revenues
- 40,000-plus full-time equivalent employees; among largest private employers in Maryland

- 2.8 million-plus annual outpatient visits
- 324,600-plus annual emergency department visits
- 99,800-plus annual hospital admissions
- At over $2 billion, The Johns Hopkins University is, for the 40th straight year, 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—largest National Institutes of Health (NIH) medical science training program 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 in NIH funding for U.S. medical schools ($518 million)
- Medical and doctoral students: over 1,200
- Full-time faculty: over 3,200
- Part-time faculty: over 1,200
The Johns Hopkins Hospital

Based on the *U.S. News & World Report* Best Hospitals 2020–21 Honor Roll, The Johns Hopkins Hospital is ranked #3 in the nation and #1 in Maryland. With this annual ranking and combined with our Best Children’s Hospital ranking, The Johns Hopkins Hospital remains the top-ranked hospital for patients of all ages.

1,162 licensed beds, over 2,590 full-time attending physicians

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Johns Hopkins Children’s Center

Consistently ranked by *U.S. News & World Report* as one of the top centers in the nation.

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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*.

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Johns Hopkins Bayview Medical Center

463 licensed beds, over 875 attending physicians

Note: all licensed bed counts are for 2020, including NICU
Facts and Components – Other Johns Hopkins Hospitals

Johns Hopkins All Children’s Hospital
St. Petersburg, Florida

- 259 licensed beds, 378 active medical staff members
- Ranked by *U.S. News & World Report* in multiple specialties

Howard County General Hospital
Columbia, Maryland

- 243 licensed beds, over 424 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

Note: all licensed bed counts are for 2020, including NICU
Facts and Components – Other Johns Hopkins Hospitals

Sibley Memorial Hospital
Northwest Washington, D.C.

- 288 licensed beds, more than 1,050 active medical staff members
- Ranked by *U.S. News & World Report* as high-performing in four specialties
- 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 330 active medical staff members
- Designated by the Maryland Institute for Emergency Medical Services Systems as a Level II Trauma Center
- Ranked #7 in Maryland and #4 in the Washington, D.C., region by *U.S. News & World Report*
Other Johns Hopkins Health System Highlights

Johns Hopkins HealthCare
Managed care plans covering more than 442,000 people

Johns Hopkins Community Physicians
With over 40 primary and specialty care outpatient sites, Johns Hopkins Community Physicians handles more than 902,500 annual patient visits

Johns Hopkins Home Care
A full-service home care provider with over 159,700 patients served

Note: Figures are for FY20
Johns Hopkins Medicine International

- Serves as the global ambassador of the Johns Hopkins Medicine mission
- Develops sustainable, innovative collaborations that raise the standard of health care around the world
- Provides personalized care for diverse populations
- Leverages Johns Hopkins’ extensive knowledge base in medicine, nursing, public health, medical education, research and health care administration to deliver the promise of medicine all over the globe

Watch a video about our international patient services.
### Johns Hopkins Medicine Affiliates

<table>
<thead>
<tr>
<th><strong>ANNE ARUNDEL MEDICAL CENTER</strong></th>
<th><strong>GREATER BALTIMORE MEDICAL CENTER</strong></th>
<th><strong>MT. WASHINGTON PEDIATRIC HOSPITAL</strong></th>
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<tr>
<td><strong>Anne Arundel County</strong></td>
<td><strong>Towson</strong></td>
<td><strong>Baltimore</strong></td>
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<td>• Anne Arundel Medical Center’s Geaton and JoAnn DeCesaris Cancer Institute is aligned with Johns Hopkins Medicine through a breast reconstruction program, expanded cancer clinical trials available to Anne Arundel Medical Center patients and jointly held tumor conferences.</td>
<td>• Johns Hopkins physicians manage and supervise all heart-related inpatient and outpatient testing, an enhanced pediatric surgery practice and voice centers.</td>
<td>• 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.</td>
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<tr>
<td>• 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.</td>
<td>• Johns Hopkins physicians collaborate with Greater Baltimore Medical Center staff at the Johns Hopkins Heart Center.</td>
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<td>• GBMC houses two Johns Hopkins integrated residency programs for Gyn/Ob and otolaryngology.</td>
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<td>WELLSPAN HEALTH</td>
<td>ALLEGHENY HEALTH NETWORK (AHN)</td>
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- Collaborates with Johns Hopkins Kimmel Cancer Center to access clinical trials, coordinate referrals and provide second opinions.
- Collaborates with Johns Hopkins Medicine to provide general pediatric surgery and plastic and reconstructive surgery closer to where patients live.
- Collaborates with the Johns Hopkins Fertility Center to provide fertility care, which includes fertility specialists and embryologists who work closely with WellSpan Fertility Care.

- 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 Breast Cancer Program.
- AHN collaborates with the Johns Hopkins Center for Fetal Therapy for complex fetal conditions.

- Patient First at Johns Hopkins Bayview Medical Center, Howard County General Hospital and Green Spring Station, and in Towson and Odenton – oversight through Johns Hopkins Technology Ventures in Johns Hopkins HealthCare, and managed and operated by Patient First.
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)
- Invented first implantable, rechargeable pacemaker for cardiac disorders (1972)
- Discovered restriction enzymes—“biochemical scissors”—that gave birth to genetic engineering
- Developed first and only effective treatment for sickle cell disease (1995)
- Pioneered exchange of kidneys among incompatible donors (2003-2009)
- An initial catalog of more than 80 percent of the proteins in the human body (the “proteome”) was unveiled 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 launches 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 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
Coronavirus (COVID-19) and Charitable Giving

Despite new and unforeseen challenges, FY20 was the most successful fundraising year ever for Johns Hopkins Medicine. In March 2020, fundraising shifted from current needs for research, clinical programs and medical education to the Johns Hopkins Medicine COVID-19 response.

By the Numbers: COVID-19 Giving

• 3,021 online donors gave more than $550,000.
• 689 direct mail donors gave $65,000.
• 58% of COVID-19 donors were making their first gift to Johns Hopkins Medicine.
• Donors represented 47 states, Puerto Rico and 31 countries.
• In-kind gifts included more than 90,000 donated meals for employees and 1 million pieces of Personal Protective Equipment.

Learn more about COVID-19 and charitable giving.
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 an animated video that explains how proton therapy works.
Excellence and Discovery: An Overview – Updated January 2021

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

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.
Hopkins Armstrong Institute for Patient Safety

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.
**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 16 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.

Watch a video to learn about our precision medicine effort.
www.youtube.com/watch?v=Bk7MXZuFJuQ
Institute for Basic Biomedical Sciences

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

Watch a video about our research to develop a liquid biopsy to detect and track cancer.
Interdisciplinary Technology Hubs

- High Throughput Biology Center (HiT Center)
- ChemCORE Facility
- Ross Flow Cytometry Core Facility
- Genetics Resources Core Facility
- Mass Spectrometry Laboratory
- Microarray Core Facility
- Microscope Core Facility
- NMR Spectroscopy and Imaging Facility
- Protein/Peptide Sequencing Facility
- Proteomics Facility
- Transgenic Core Facility
- Beckman Center for CryoEM
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.
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: $278 million
- Licensing revenues: $27.3 million
- Total invention disclosures: 464
- Licenses and options: 114
- Total active patents worldwide: 3,131
- Newly created startup companies: 11

Watch a video about how JHTV supports startups at its innovation hubs.

Note: above figures are for FY 2020
Johns Hopkins Institute for NanoBioTechnology (INBT)

Brings together Johns Hopkins faculty and students using nanotechnology to generate new diagnostic and therapeutic tools, including biosensors and DNA nanoparticles.

Watch a video highlighting some of our research highlights from 2018.
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](#).
Office of Diversity, Inclusion and Health Equity

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 three system-wide ERGs: The Hopkins Diaspora, Hopkins Familia and Hopkins Veterans.

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.
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.

Except where noted, statistics are from 2016-2019.
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.

- **JHCP East Baltimore Medical Center**: EBMC provides comprehensive health care services to over 19,000 East Baltimore residents with over 67,000 patient visits in 2019.

- **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 effective, compassionate, evidence-based primary and specialty care for uninsured and underinsured patients. Serving primarily the Latinx population, the program has provided medical services to more than 7,500 unique patients and processed over 20,000 specialty referrals since 2009.
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.

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**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](#)