EDUCATION

The Perelman School of Medicine — established in 1765 — is the nation’s first medical school. It is consistently ranked in the nation’s top academic medical schools by US News & World Report. Penn Medicine offers students and new physicians who train in our hospitals an innovative, comprehensive curriculum that prepares them to become leading physicians and scientists in a broad array of fields. The community of alumni numbers nearly 24,000 living and working across the globe.

PATIENT CARE

Penn Medicine’s physicians, nurses, and staff provide exceptional, personalized care to patients with a wide range of medical conditions, including cancer, heart and lung disease, neurological disorders, diseases of aging, and orthopaedic injuries, as well as care for newborns. Using state-of-the-art equipment and data science, our doctors and nurses work together to ensure that patients’ needs are addressed from multiple perspectives. Pharmacists, social workers, nutrition and rehabilitation professionals are all part of the care team.
RESEARCH

Penn Medicine is consistently among the nation’s top recipients of National Institutes of Health funding. Penn’s scientists and physicians take an interdisciplinary approach to better understand the fundamental mechanisms of disease, which leads to more precise and personalized treatments. Faculty from dozens of institutes, centers, and departments work in multidisciplinary teams spanning the 11 other schools at the University of Pennsylvania, including experts in informatics, bioengineering, and health policy.

COMMUNITY SERVICE

Improving the health of people living throughout the region we serve is a cornerstone of Penn Medicine’s mission. Every day, physicians, nurses, students, and staff volunteer their time, skills, and knowledge to serve vulnerable populations. They operate free neighborhood clinics, help low-income residents manage medical appointments and wellness efforts, and provide education and mentorship to youth, among many other initiatives. These are supported in part by the Penn Medicine CAREs grants program, which provides funds for staff volunteer activities.
## RESEARCH & EDUCATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Total Sponsored Research</td>
<td>$720 million</td>
</tr>
<tr>
<td>NIH Awards</td>
<td>$405 million</td>
</tr>
<tr>
<td>PA State Research Funding</td>
<td>$1.8 million</td>
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<tr>
<td>New Patents Awarded</td>
<td>85</td>
</tr>
<tr>
<td>Licensing Revenue</td>
<td>$31 million</td>
</tr>
<tr>
<td>Full-Time Faculty</td>
<td>2,479</td>
</tr>
<tr>
<td>(includes CHOP)</td>
<td></td>
</tr>
<tr>
<td>MD Students</td>
<td>769</td>
</tr>
<tr>
<td>PhD Students</td>
<td>629</td>
</tr>
<tr>
<td>MD/PhD Students</td>
<td>191</td>
</tr>
<tr>
<td>Residents &amp; Fellows</td>
<td>1,331</td>
</tr>
<tr>
<td>(HUP, PPMC &amp; PAH)</td>
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<tr>
<td>Postdoctoral Fellows</td>
<td>731</td>
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## PHILANTHROPY

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
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<tbody>
<tr>
<td>Gifts</td>
<td>$206 million</td>
</tr>
<tr>
<td>Donors</td>
<td>23,229</td>
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<tr>
<td>Alumni Participation</td>
<td>26%</td>
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## PATIENT CARE

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensed Beds</td>
<td>2,876</td>
</tr>
<tr>
<td>Physicians²</td>
<td>6,818</td>
</tr>
<tr>
<td>Adult Admissions</td>
<td>135,893</td>
</tr>
<tr>
<td>Outpatient Visits³</td>
<td>5,410,827</td>
</tr>
<tr>
<td>ED Visits</td>
<td>351,583</td>
</tr>
<tr>
<td>Births</td>
<td>18,595</td>
</tr>
<tr>
<td>Employees⁴</td>
<td>39,394</td>
</tr>
</tbody>
</table>

## KEY TO SUPERSCRIPTS:

1. Includes PMPH, which joined Penn Medicine in 2018
2. Includes physicians with privileges at >1 hospital
3. Includes CCA/CHCA, GSPP, HCHS
4. Includes CCA, Corp, CPUP, HCHS
5. Includes staff and full-time faculty
<table>
<thead>
<tr>
<th></th>
<th>HUP</th>
<th>PAH</th>
<th>PPMC</th>
<th>CCH</th>
<th>LGH</th>
<th>PMPH</th>
<th>PSOM</th>
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<tbody>
<tr>
<td>Licensed Beds</td>
<td>2,876</td>
<td>791</td>
<td>375</td>
<td>256</td>
<td>604</td>
<td>355</td>
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</tr>
<tr>
<td>Physicians</td>
<td>2</td>
<td>6,818</td>
<td>2,008</td>
<td>833</td>
<td>1,205</td>
<td>555</td>
<td>954</td>
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<tr>
<td>Adult Admissions</td>
<td>135,893</td>
<td>34,531</td>
<td>19,207</td>
<td>17,405</td>
<td>14,095</td>
<td>33,329</td>
<td>17,326</td>
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<tr>
<td>Outpatient Visits</td>
<td>3,541,082</td>
<td>1,815,253</td>
<td>228,143</td>
<td>409,109</td>
<td>436,109</td>
<td>1,181,707</td>
<td>327,397</td>
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<tr>
<td>ED Visits</td>
<td>351,583</td>
<td>60,695</td>
<td>35,648</td>
<td>47,428</td>
<td>44,551</td>
<td>114,917</td>
<td>48,344</td>
</tr>
<tr>
<td>Births</td>
<td>18,595</td>
<td>4,216</td>
<td>5,128</td>
<td>--</td>
<td>2,783</td>
<td>4,196</td>
<td>2,272</td>
</tr>
<tr>
<td>Employees</td>
<td>4,216</td>
<td>5,128</td>
<td>--</td>
<td>2,783</td>
<td>4,196</td>
<td>2,272</td>
<td></td>
</tr>
</tbody>
</table>

**KEY TO ABBREVIATIONS:**

CCA: Clinical Care Associates  
CCH: Chester County Hospital  
CHCA: Clinical Health Care Associates  
CHOP: The Children's Hospital of Philadelphia  
CPUP: Clinical Practices of the University of Pennsylvania  
ED: Emergency Department  
GSPP: Good Shepherd Penn Partners  
HCHS: Home Care & Hospice Services  
HUP: Hospital of the University of Pennsylvania  
LGH: Lancaster General Health  
PMPH: Penn Medicine Princeton Health  
PPMC: Penn Presbyterian Medical Center  
PAH: Pennsylvania Hospital  
PSOM: Perelman School of Medicine
Penn Medicine includes six acute-care hospitals and hundreds of outpatient centers throughout the region, as well as educational facilities at the Perelman School of Medicine.

THE HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA is recognized annually as one of the nation’s top ten Best Hospitals by U.S. News & World Report, along with Penn Presbyterian Medical Center. HUP’s 3.7 million-square-foot complex is a busy inpatient hub for cancer, neurosciences, cardiac care, and many other specialties.

PENN PRESBYTERIAN MEDICAL CENTER is consistently recognized as a center of excellence for cardiac care, ophthalmology, as well as neurosciences, cancer, behavioral health services, and the Musculoskeletal Center’s outpatient facility located at Penn Medicine University City. Its 1.35 million-square-foot campus includes the Pavilion for Advanced Care, home to Penn Medicine’s Level I Regional Resource Trauma Center.
PENNSYLVANIA HOSPITAL is the nation’s first hospital, cofounded by Benjamin Franklin in 1751. Today its outstanding clinical programs include the Spine Center, orthopaedics, the Center for Transfusion-Free Medicine, maternity and newborn services, and behavioral health. It comprises a 1.1 million square-foot campus, including Penn Medicine Washington Square, the hospital’s outpatient facility.

CHESTER COUNTY HOSPITAL includes a 553,000 square-foot hospital complex in West Chester, specializing in heart and vascular care, cancer, and orthopaedics, among many other areas, with satellite locations in Exton, West Goshen, New Garden, Jennersville, Kennett Square, and West Grove.

LANCASTER GENERAL HEALTH includes Lancaster General Hospital, Women & Babies Hospital, and a network of more than 60 outpatient facilities and physician practices in Lancaster, Chester, and Lebanon counties, for a total of more than 3 million square feet in facility space.

PENN MEDICINE PRINCETON HEALTH, which joined Penn Medicine in 2018, is among the most comprehensive healthcare systems in New Jersey, including facilities offering acute-care hospital services, behavioral healthcare, acute rehabilitation, home care, hospice care, ambulatory surgery, and wellness services.
The Perelman Center for Advanced Medicine is a state-of-the-art outpatient facility, with diagnostic and treatment facilities for cancer, neurological, and cardiac conditions, among other types of specialty care.

The Roberts Proton Therapy Center is the largest integrated radiation oncology center in the world. This most precise form of radiation uses beams of protons traveling at nearly the speed of light to eradicate tumors and spare healthy surrounding tissue.

The Abramson Cancer Center had about 290,000 outpatient visits in FY 2017 with more than 9,100 participants in over 1,000 clinical trials. Since 1974, it has been designated a Comprehensive Cancer Center by the National Cancer Institute, one of 49 such centers in the nation.

The Clinical Care Associates and Clinical Health Care Associates of New Jersey are networks of primary and specialty care physicians, with more than 50 locations throughout the region.

Outpatient Locations are located in Washington Square, University City, Valley Forge, Radnor, Bucks County, Cherry Hill, and Woodbury Heights.

Penn Medicine Rittenhouse includes a rehabilitation facility, a long-term acute-care specialty hospital, and an inpatient hospice.

Penn Home Care & Hospice Services offer a full range of home health needs through Penn Wissahickon Hospice, Penn Care at Home, and Penn Home Infusion Therapy.

Good Shepherd Penn Partners is the post-acute care provider for Penn Medicine. It provides inpatient and outpatient physical rehabilitation and specialized long-term acute care throughout southeastern Pennsylvania and southern New Jersey.
Construction of the new $1.5 billion hospital on Penn Medicine’s West Philadelphia campus began in spring 2017. With expected occupancy in 2021, it is the largest capital project in Penn’s history and the most ambitious health-care facility in the Philadelphia region.

BUILDING FOR THE FUTURE

500 Private patient rooms
1,000+ Miles of computer networking cabling
47 Operating rooms
1 acre of greenery with landscaping and green roof
Penn Medicine is an internationally recognized leader for discoveries that advance science and patient care. Sixty-six Penn Medicine researchers are Members of the National Academy of Medicine of the National Academy of Sciences, one of the highest honors in medicine. The basic science and clinical research emerging from Penn Medicine’s laboratories and hospitals improves care for a wide range of medical conditions and provides the foundation for the next generation of therapies. The culture and campus of the University of Pennsylvania encourages close collaboration between basic scientists and clinicians, exemplified by its dozens of interdisciplinary clinical and research institutes, centers, and programs. These partnerships spur advances in disciplines from medical devices to nanotechnology.

**RESEARCH**

**COLLABORATIVE RESEARCH BY THE NUMBERS**

1,400+ STUDENTS & POSTDOCTORAL FELLOWS

6200+ FACULTY & STAFF

28 BASIC SCIENCE & CLINICAL DEPARTMENTS

24 SPECIALIZED SHARED FACILITIES PROVIDING ACCESS TO STATE-OF-THE-ART EQUIPMENT, TECHNICAL EXPERTISE AND TRAINING AND EDUCATION
SCHEIE EYE INSTITUTE
FY2017
Second in National Eye Institute funding: $14.6 million

Clinical trials in progress

Clinical and research faculty members

surgeries performed

TRANSLATIONAL CENTERS OF EXCELLENCE of the Abramsom Cancer Center
Established in 2011

4 Centers
Studying breast cancer recurrence, lung cancer, blood cancers, & pancreatic cancer

papers published

clinical trials

banked tissue and blood samples from over 2,500 patients

FUELING A RESEARCH REVOLUTION
Penn Gene Therapy Program

Providing gene therapy delivery vectors since 1993 to:

5,000 investigators

>1,500 institutions

45 countries
The Perelman School of Medicine has an international reputation for innovative training programs in areas ranging from leadership to global health. Its groundbreaking curriculum has set a new standard for medical education nationwide and is a model for other academic medical schools. The curriculum integrates basic sciences and clinical experience, fosters interdisciplinary teamwork, and is built on a foundation of evidence-based medicine and patient-centered care.

WHAT’S NEXT
FOR THE GRADUATING CLASS OF 2017

176 GRADUATES
65 GRADUATES TO TRAIN AT PENN, CHOP, OR THE SCHEIE EYE INSTITUTE
7 STUDENTS PURSUING CAREERS IN BUSINESS
18 STATES WHERE PERELMAN GRADUATES ARE TRAINING
The Perelman School of Medicine is ranked among the top five medical schools in the country by U.S. News & World Report for the 20th year in a row.

**INCOMING CLASS: 2017/2018**

80 / 79

MALE / FEMALE

24
Average student age (21 to 30 age range)

18%
First college graduates in their family

28
States represented

1 IN 4
Underrepresented minorities in medicine

**PERELMAN SCHOOL OF MEDICINE ENROLLMENT**

769 medical students

WITH

191 of these enrolled in MD/PhD programs across Penn

- **FOCUS ON HEALTH & LEADERSHIP FOR WOMEN PROGRAM**
  - Established in 1994
  - 13 Initiatives including leadership programs, research, seminars, awards, benchmark reporting
  - 47 Early faculty investigator awards (36 women & 11 men) since 1995
  - 88 Medical student fellowships (73 women; 15 men) since 2001
The FDA approved two gene therapy-based treatments in FY18 developed by Penn Medicine and the Children’s Hospital of Philadelphia.

**FIRST-EVER** CANCER CELL AND GENE THERAPY, FOR ADVANCED LEUKEMIA

**FIRST** GENE THERAPY FOR A GENETIC MUTATION THAT CAUSES A RARE, INHERITED FORM OF RETINAL BLINDNESS
**CONNECTING WITH PATIENTS FROM AFAR**

- **150**
  Average number of telehealth patients reached per month

- **1000+**
  Average per day telemedicine monitoring encounters

- **700**
  Images from 238 patients analyzed for wound management

- **523**
  Patients reached via genetic counseling partnership throughout the nation

**PENN LUNG TRANSPLANT PROGRAM**

- **1,071**
  Transplants in 25 years

- **104**
  Record number of lung transplant recipients in 2016

- **14**
  Specialties involved

- **3**
  Surgeons
All six Penn Medicine hospitals have achieved Magnet status from the American Nurses Credentialing Center, which recognizes nursing excellence.

» Five Penn Medicine acute-care hospitals received awards from the American Heart Association/American Stroke Association’s “Get With the Guidelines” program for the highest standard of stroke care.

» Penn Medicine again had the most physicians in the region featured on Philadelphia magazine’s “Top Docs” list.

» 30 Clinical Care Associates practices received the highest designation from the National Committee for Quality Assurance for providing access to more efficient and better coordinated care.

» Ranked 7th nationally and first in Pennsylvania in Forbes magazine’s annual “Best Employers in America.”

» Among the 10 highest ranked organizations to receive a 2017 BOLD (Best Organizations for Leadership Development) Award from the National Center for Healthcare Leadership.

» Penn Medicine Information Services named “Most Wired” by the Health & Hospital Networks magazine.
The Perelman School of Medicine is ranked among the top five medical schools in the country by U.S. News & World Report, for the 20th year in a row.

Hospital of the University of Pennsylvania and Penn Presbyterian Medical Center ranked 10th in the United States, according to the U.S. News & World Report annual “Best Hospitals” survey. U.S. News & World Report ranked five Penn Medicine acute-care hospitals among the top 15 in Pennsylvania.
The Center for Global Health synthesizes and expands Penn Medicine’s efforts to improve worldwide health equity. The center’s vision for the future is to build a healthier world by training tomorrow’s leaders, addressing global health disparities, supporting regional centers of engagement in underserved locations, and uniting the Penn global health community through workshops, pilot projects, and seminars.

Among the many international projects, two stand out as the foundation of Penn’s involvement in global health. The eleven-year-old Guatemala-Penn Partnership focuses on public health, medical, as well as projects in local anthropology and archaeology. The 16-year-old Botswana-UPenn Partnership encompasses well-established programs in HIV/AIDS and oncology, with the education of local health care professionals. Centers of Engagement are located in sub-Saharan Africa, Latin America, and North America.

Additional programs are underway across the globe, including China, the Philippines, and India. The Penn community also comes together to support humanitarian and medical relief efforts across the globe, such as a medical student-led initiative that raised more than $50,000 to help Hurricane Maria relief in Puerto Rico.
The Center engages in 155 health programs in 55 countries in three areas: improving patient care, training the next generation of caregivers, and studying numerous diseases and conditions that affect the underserved.

28 CLINICAL CARE ACTIVITIES

66 EDUCATION & TRAINING INITIATIVES

125 RESEARCH PROJECTS
Caring for people living throughout Pennsylvania and New Jersey is Penn Medicine’s primary mission. Every day, physicians, nurses, medical students, researchers, and staff lend their time, skills, and knowledge to help the communities the health system serves, often as volunteers outside of their work. Penn Medicine’s CAREs grant program supports faculty, students, and staff who volunteer in community-based programs. Since CAREs was established in 2012, it has provided grants to over 250 service initiatives throughout the region, including programs in community centers, farmers markets, and places of worship.

$254 million in charity and underfunded care for Medicaid families

$116 million in physician training support

$129 million in research support and community health improvement services

$1.1 million raised by Penn’s Way campaign
Perelman School medical students work with PROJECT HOME to deliver street-based care to homeless individuals with chronic conditions.

The new BABY HUGGERS program at Chester County Hospital brings the healing power of touch to newborns in the Neonatal Intensive Care Unit.

The PENN ACADEMY FOR SKIN HEALTH teaches students from Philadelphia high schools about research and clinical aspects of a career in dermatology.

The BREASTFEEDING AWARENESS AND EMPOWERMENT program helps African-American families make informed decisions about health and wellness related to breastfeeding.

Lancaster General Hospital’s CHILDPROTECT initiative partners with the Amish community and local fire companies to provide free immunizations to children living in rural areas of Lancaster County.
Penn Medicine is the top health care employer in the city of Philadelphia.

Pennsylvania:

$7 billion Total Economic Impact

New Jersey:

$740 million Total Economic Impact

Total Economic Impact:

Philadelphia Area: $4.8 billion

Pennsylvania: $7 billion

New Jersey: $740 million
Our mission is to advance knowledge and improve health through research, patient care, and the education of trainees in an inclusive culture that embraces diversity, fosters innovation, stimulates critical thinking, supports lifelong learning, and sustains our legacy of excellence.