



Penn Medicine

The background of the cover is a collage of medical and scientific imagery. On the left, a teal vertical band is present. The top right shows a blue-tinted laboratory scene with a graduated cylinder (marked 40, 50, 60) and a pipette. The bottom left features a silver stethoscope on a dark blue surface. The bottom right has a light green background with a faint hexagonal pattern. A large circular graphic is centered, consisting of an orange outer ring and a dark blue inner circle containing the title text.

FACTS & FIGURES

— 2017 —

PENN MEDICINE IS...

the Raymond and Ruth Perelman School of Medicine and the University of Pennsylvania Health System

EDUCATION

Established in 1765 as the nation's first medical school, the Perelman School of Medicine is now over 250 years old. The School is consistently ranked in the nation's top medical schools. Penn Medicine continues to provide its students with an innovative, comprehensive curriculum that prepares them to become leading physicians and scientists in a broad array of fields, both in the United States and around the world. The community of alumni numbers over 23,000 living and working across the world.

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, our highly trained doctors work together to ensure that patients' needs are addressed from multiple perspectives, including disease specialists, pharmacists, social workers, and rehabilitation professionals.

RESEARCH

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

COMMUNITY SERVICE

Improving the health of people living throughout the region we serve — from Philadelphia to central Pennsylvania and the New Jersey shore — 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 efforts.



PENN MEDICINE PROFILE

Fiscal Year 2016

ANNUAL OPERATING REVENUE \$6.7 BILLION

RESEARCH & EDUCATION

Total Sponsored Research	\$742 million
NIH Awards	\$392 million
State Research Funding	\$1.7 million
Licensing Revenue	\$49.2 million
New Patents Awarded.....	83
Full-Time Faculty (includes CHOP).....	2,363
MD Students	783
PhD Students	608
MD/PhD Students	189
Residents & Fellows	1,300
Postdoctoral Fellows.....	662

PHILANTHROPY

Gifts.....	\$213 million
Donors.....	28,288
Alumni Giving Participation.....	26%



PATIENT CARE

	TOTAL	HUP	PAH	PPMC	CCH	LGH	PSOM
Licensed Beds	2,546	788	496	375	257	630	
Physicians ¹	5,351	1,968	768	1,143	515	957	
Adult Admissions	117,442	34,691	19,724	17,218	13,855	31,954	
Outpatient Visits ²	3,734,086	1,696,718	212,796	205,880	448,616	1,170,076	
ED Visits	304,614	61,250	34,846	46,336	44,959	117,223	
Births	16,160	4,078	5,197	--	2,628	4,257	
Employees ³	35,273	7,057	2,797	2,380	2,253	7,800	5,874 ⁴

KEY TO SUPERSCRIPTS:

- (1) Includes physicians with privileges at >1 hospital
- (2) Includes **CCA/CHCA**
- (3) Includes **CCA, Corp, CPUP, HCHS**
- (4) Includes staff and full-time faculty


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


HCHS: Home Care & Hospice Services
HUP: Hospital of the University of Pennsylvania
LGH: Lancaster General Health
PPMC: Penn Presbyterian Medical Center
PAH: Pennsylvania Hospital
PSOM: Perelman School of Medicine

CLINICAL FACILITIES and Programs

Penn Medicine includes five acute-care hospitals and hundreds of outpatient centers throughout the region, as well as educational facilities for 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 2.4 million-square-foot complex consists of 15 interconnecting buildings and 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, and the Musculoskeletal Center's outpatient facility located at Penn Medicine University City. Its 1.35 million-square-foot campus is spread over 10 buildings, including 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 many outstanding clinical programs include the Spine Center, orthopaedics, the Center for Transfusion-Free Medicine, maternity and newborn services, and behavioral health. It comprises a 1.2 million square-foot campus of 15 buildings, including Penn Medicine Washington Square, the hospital's outpatient facility.



Chester County Hospital includes a 553,430 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 the Lancaster General Hospital, the 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 1.3 million square feet in facility space.

EXPANSIONS

at Penn Medicine

SPECIALIZED FACILITIES

The Perelman Center for Advanced Medicine is a state-of-the-art outpatient facility, with diagnostic and treatment facilities in close proximity to care 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, eliminating many side effects of conventional cancer therapies.

The Abramson Cancer Center had about 269,000 outpatient visits in FY 2016 with more than 7,500 participants in 1,050 clinical trials. Since 1973, it has been designated a Comprehensive Cancer Center by the National Cancer Institute, one of 45 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 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 offers 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.

PATIENT PAVILION UPDATE



500
New Beds in
All Private Rooms



50
Operating and
Procedure Rooms



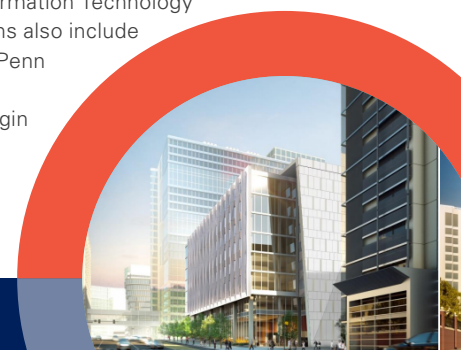
Construction began in
September
2016



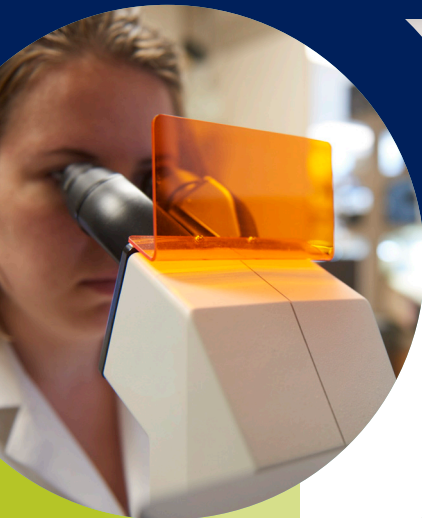
Projected occupancy in
Spring
2021

CENTER FOR HEALTHCARE TECHNOLOGY

Plans are underway for a non-clinical office building located near the Perelman Center for Advanced Medicine. Phase 1 of the project will be a 250,000 square-foot, 8-story facility for corporate departments, including Information Technology and Human Resources. Plans also include a new child care center for Penn Medicine faculty and staff. Construction is slated to begin in early 2017.



RESEARCH



PENN SLEEP CENTER

Penn Medicine is an internationally recognized leader for discoveries that advance science and patient care. Sixty-four 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 findings emerging from Penn Medicine's laboratories and hospitals improve care for a wide range of medical conditions and provide the foundation on which the next generation of therapies will be developed. 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.

COLLABORATIVE RESEARCH: BY THE NUMBERS

- 1,400+** STUDENTS & POSTDOCS
- 5,200+** FACULTY & STAFF
- 28** BASIC & CLINICAL DEPARTMENTS
- 24** INTERDISCIPLINARY CENTERS & INSTITUTES

CENTER FOR ADVANCED CELLULAR THERAPEUTICS

\$27 Million
in Construction Costs

23,610 sq. ft.
of Laboratory and Cell Therapy Manufacturing Space

6,300 sq. ft.
of "Clean Room" Space for Cell Engineering

Capacity to Manufacture Cellular Therapies for up to **400** Cancer Patients per Year

Staffed by **100** Highly Specialized Cell Therapy Professionals

1st

multi-disciplinary comprehensive sleep center in U.S.



Established in **1991**



\$21 Million
Awarded for Research in FY 2016



52

Faculty Members



26

Beds for Sleep Studies




EDUCATION

The Perelman School of Medicine is at the forefront of medical education with an innovative curriculum and integrated approach to learning, using small groups, case-based and team-focused training, and advanced technology. Students also have the opportunity to combine their medical education with master's and doctoral degrees, specialty certificates, and global health and community service. The school also offers many opportunities for practicing physicians from across the world to stay abreast of the latest techniques, procedures, and research.



RESIDENCY SNAPSHOT FOR GRADUATING CLASS OF 2016


140
Graduates


37
Students training at Penn, CHOP, and Scheie Eye


8
Students pursuing careers in business


18
States where grads are training


TOP 3
SPECIALTIES:
Internal Medicine, Pediatrics, Emergency Medicine


63%
Students who completed certificates or advanced degrees



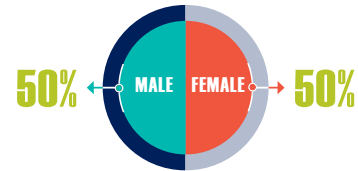
The Perelman School of Medicine is ranked among the top five medical schools in the country by the *U.S. News & World Report*, for the 19th year in a row.

PERELMAN SCHOOL OF MEDICINE ENROLLMENT

783
medical students
with

189
of these enrolled in MD/PhD programs across Penn

INCOMING 2016/2017 ACADEMIC YEAR MEDICAL STUDENTS





21%
Pennsylvania Residents


79%
Non-PA Residents

15% Enrolled in Combined Degree Programs

26% Underrepresented Minorities

15% Socioeconomically Disadvantaged

68% 
Nontraditional Students

29% 
Completed Post-Baccalaureate Studies

PATIENT CARE

Beyond its main campus in Philadelphia, the University of Pennsylvania Health System (UPHS) cares for patients in hospitals and outpatient facilities from central Pennsylvania to the Jersey shore. UPHS also includes Penn Home Care and Hospice Services, and Penn Medicine physicians also work in partnership with their colleagues to see patients at The Children's Hospital of Philadelphia and the Philadelphia VA Medical Center.



TRANSPLANT SERVICES IN FY16



Pediatric Bilateral Hand Transplant:
An international first, a collaborative effort between Penn Medicine & Children's Hospital of Philadelphia

496

Solid Organ Transplants

4

Organ Types:
Heart, Lungs, Kidney, and Liver

243

Stem Cell Transplants

including

9

Umbilical Cord Blood Transplants

1

Pediatric Bilateral Hand Transplant

1

Transatlantic Bilateral Hand Transplant

GOOD SHEPHERD PENN PARTNERS IN FY16



735

Employees



169,470

Outpatients Cared For



15

Penn Therapy & Fitness Locations



2,750

Aquatic Therapy Sessions



300

Cognitive Therapy Sessions

PENN CENTER FOR PRECISION MEDICINE

Established in

2016



8

Inaugural Accelerator Projects Funded for



38

Investigators



16

Faculty from Penn Departments and Divisions



\$1,000,000+

Awarded for New Projects in 2016



National & Regional RECOGNITION



All five Penn Medicine hospitals have achieved Magnet status from the American Nurses Credentialing Center, which recognizes nursing excellence.

- All 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.
- Information Services (IS) ranked in the nation's top 10 for the 2016 *Information Week* Elite 100. Penn Medicine IS was also named Most Wired and given a 2016 Innovator Award by the *Health & Hospital Networks* magazine.



U.S. NEWS & WORLD REPORT RANKINGS

TOP 5

The Perelman School of Medicine is ranked among the top five medical schools in the country by *U.S. News & World Report*, for the 19th year in a row.

RANKED AMONG NATION'S TOP TEN

Hospital of the University of Pennsylvania and Penn Presbyterian Medical Center ranked 9th in the United States, according to the *U.S. News & World Report* annual "Best Hospitals" survey.

U.S. News & World Report ranked all five Penn Medicine acute-care hospitals among the top 15 in Pennsylvania.

GLOBAL ENGAGEMENT



Christopher Magoon | Bangkok, Thailand



Michael Chua | Leyte, Philippines

Anastasia Vishnevetsky | Cusco, Peru

Photos taken by medical students engaged in global health initiatives

Penn Medicine's programs reach beyond our institution to serve vulnerable populations around the world. The Center for Global Health was launched in 2015 to improve worldwide health equity through enhanced awareness and access to care, discovery, and outcomes-based research, as well as comprehensive educational programs grounded in partnership. Penn faculty research diseases, educate students, and treat patients in hospitals and mobile clinics, in partnership with other institutions.

Among the many international projects, two stand out for their longevity. The decade-old Guatemala-Penn Partnership includes public health, medical, as well as anthropologic and archaeological activities. And the almost 20-year-old Botswana-UPenn Partnership focuses on programs encompassing HIV/AIDS, heart disease, and the education of local health care professionals.

Additional programs are underway in nations including Costa Rica, Tanzania, and Rwanda. The Penn community also comes together to support humanitarian and medical relief initiatives across the globe.

CENTER FOR GLOBAL HEALTH: BY THE NUMBERS

186

Trainees Involved in
Global Health Activities



50

Countries in which
Active Global Health
Research Takes Place



5

Continents where
Programs are Established



110

International Students
Involved in
Global Health Activities



AIDING THE COMMUNITY

from Within



Caring for the people living throughout Pennsylvania and New Jersey is Penn Medicine's primary mission. Every day, physicians, nurses, medical students, researchers, and staff lend their knowledge, skills, and time to benefit residents in the communities the health system serves, often on a volunteer basis outside of their work. For example, Penn Medicine's CAREs grant program supports faculty, students, and staff who volunteer in community-based programs. Since the program was established in 2012, CAREs has provided grants to over 220 service initiatives throughout the region, including efforts at food pantries, in community gardens and mobile health clinics, and through pet therapy and school-based healthcare.



GIVING BACK



**\$240
MILLION**

in charity and
underfunded care for
Medicaid families



**\$111
MILLION**

in physician training
support



**\$42
MILLION**

in research support
and community health
improvement services



**\$1.6
MILLION**

raised by Penn's Way
campaign



ECONOMIC DEVELOPMENT

IN THE NEIGHBORHOODS

Community Service Throughout the University of Pennsylvania Health System



Lancaster General Health operates and funds three clinics in local elementary schools to provide underserved children with free primary preventive care, access to healthy food, and safe places to be physically active.



Chester County Hospital's Community Health and Wellness Services provide bilingual interpreters for its prenatal clinic to address such conditions as gestational diabetes.



Certified health care professionals provide **CPR Anytime®** kits and lifesaving training for community members who will be equipped to act when cardiac arrest strikes in the community.



Partnering with the Philadelphia School District, **Stop the Bleed** events give school nurses hands-on training on how to stem bleeding through proper application of tourniquets, gauze packs or bandages, and safely opening an airway.



The Sports and Mentoring Student Community cultivates a community garden to educate students about agriculture, the environment, nutrition, math, and business, while strengthening awareness and stewardship.

A BROAD IMPACT



\$7 Billion

Total Economic Impact on Pennsylvania



\$4.8 Billion

Total Economic Impact on the Philadelphia Area



\$740 Million

Total Economic Impact on New Jersey




43,373

Full-time Jobs in 2015 in Pennsylvania

Penn Medicine is the top health care employer in the City of Philadelphia.





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.



Penn Medicine