



Penn Medicine

FACTS & FIGURES

2023



THE MAKING OF
**MEDICAL
MILESTONES**



PENN MEDICINE IS...

THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEM
AND THE RAYMOND AND RUTH PERELMAN
SCHOOL OF MEDICINE

PATIENT CARE

Home of the nation's 1st hospital, founded in 1751

Penn Medicine's physicians, nurses, and staff provide exceptional, personalized care to patients with medical conditions of all kinds. Guided by real-time data and the latest science, and equipped with leading-edge technology, our care teams work together to ensure that patients' needs are addressed from diverse perspectives. Pharmacists and social workers, as well as nutrition and rehabilitation professionals, for instance, are all part of the team.



EDUCATION

1st medical school in the United States

The Perelman School of Medicine — established in 1765 — offers students an innovative, comprehensive curriculum that prepares them to become leading physicians and scientists in the United States and around the world. Our community numbers more than 26,092 alumni living and working across the globe.



RESEARCH

Recipients of nearly \$1.1B in research funding

Penn Medicine's researchers take an interdisciplinary approach to better understand the fundamental mechanisms of disease and other factors that influence health, which leads to the very best treatments and preventive approaches. Faculty from dozens of institutes, centers, and departments work in multidisciplinary teams spanning 11 other schools at the University of Pennsylvania, including experts in informatics, bioengineering, and health policy.



COMMUNITY SERVICE

900+ service initiatives funded by CAREs grants

Supporting the community is a cornerstone of Penn Medicine's mission. Every day, physicians, nurses, other staff, and students volunteer their time and knowledge to serve vulnerable populations. They operate free neighborhood clinics, help low-income residents manage medical appointments and wellness efforts, provide education and mentorship, and conduct other outreach initiatives. Penn Medicine also provides millions of dollars in care for underserved patients each year.



A GROWING FOOTPRINT

Penn Medicine is powered by a talented and dedicated workforce, all committed to our mission of providing the best care for patients across our region. In addition to our six hospitals, we have outpatient practices and alliances with top community health systems across 27 counties in Pennsylvania and New Jersey, creating more options for patients no matter where they live.



Lancaster General Health

Chester County Hospital

Princeton Health

PENNSYLVANIA

NEW JERSEY

- **HOSPITALS & INPATIENT FACILITIES**
 - **MULTISPECIALTY OUTPATIENT SITES**
 - **ALLIANCES & AFFILIATES**
- Virtua Health System
 Trinity Health Mid-Atlantic
 Grand View Health
 Bayhealth
 Shore Medical Center

CLINICAL FACILITIES

SETTING THE STANDARD FOR INPATIENT CARE

Penn Medicine includes six acute care hospitals and hundreds of outpatient locations throughout the region, as well as educational facilities at the Perelman School of Medicine.



THE HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA

is Penn Medicine's largest hospital. HUP is a busy inpatient hub for cancer, neurosciences, cardiac care, and many other specialties. It is also the oldest university-owned teaching hospital in the country, and home to the Pavilion — the largest capital project in the University of Pennsylvania's history — which opened in 2021.



PENN PRESBYTERIAN MEDICAL CENTER

is a renowned center for cardiac care and ophthalmology. PPMC's campus includes the Musculoskeletal Center's outpatient facility at Penn Medicine University City and 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, PAH's outstanding clinical programs include the Spine Center, the Center for Transfusion-Free Medicine, maternity and newborn services, and behavioral health. The campus includes Penn Medicine Washington Square, the hospital's outpatient facility.



CHESTER COUNTY HOSPITAL

is a hospital complex in West Chester specializing in heart and vascular care, cancer, orthopaedics, and women's health. With satellite locations in Exton, West Goshen, New Garden, Jennersville, Kennett Square, and West Grove, CCH is the largest hospital in Chester County, with a 250,000-square-foot expansion which opened in 2020.



LANCASTER GENERAL HEALTH

is home to central Pennsylvania's only Proton Therapy Center, and includes Lancaster General Hospital (LGH), the Women & Babies Hospital, and a network of nearly 100 outpatient centers and physician practices.



PENN MEDICINE PRINCETON HEALTH

is among the most comprehensive health care systems in New Jersey. PMPH includes facilities offering acute care hospital services, behavioral health care, ambulatory surgery, and wellness services.



SPECIALIZED CARE

PERSONALIZED CARE ACROSS THE REGION & IN THE HOME



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. It is connected to the **Perelman School of Medicine's Jordan Medical Education Center** and the **Smilow Center for Translational Research**, which brings students, basic scientists, physicians, and other clinical staff together.



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

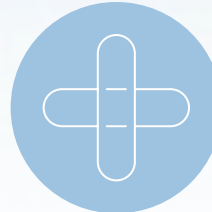
Good Shepherd Penn Partners is the post-acute care provider for Penn Medicine, providing inpatient and outpatient physical rehabilitation and specialized long-term acute care.



Patients can easily access care throughout the region at Penn Medicine's multispecialty ambulatory locations. These centers offer convenient access to care across many disciplines, as well as laboratory testing and radiology services.



Princeton House Behavioral Health and **Lancaster Behavioral Health Hospital** provide a range of inpatient and outpatient services for patients with mental health, substance abuse, or co-occurring disorders.



Penn Medicine's urgent cares offer fast, convenient care for patients of all ages with minor illnesses and injuries in South Philadelphia and six Lancaster-area locations.



Penn Medicine at Home offers a full range of home-health services, including skilled nursing assistance, palliative and hospice care, infusion therapy, and bereavement programs.



- Bucks County
- Cherry Hill
- Mount Laurel
- Radnor
- Southern Chester County
- University City
- Valley Forge
- Washington Square
- Woodbury Heights

PATIENT CARE

ON THE FOREFRONT OF MEDICINE

From emergency departments to operating rooms to outpatient clinics across the region, our physicians, nurses, pharmacists, social workers, and other members of the care team put patients first in every setting. We're leveraging telemedicine, mobile apps, and remote monitoring technologies to provide options that offer patients more convenience and enhance their safety — both when they're in our facilities and at home.

Penn Medicine's Abramson Cancer Center is a world leader in cancer research, patient care, and education. At the Roberts Proton Therapy Center, the largest integrated radiation oncology center in the world, patients are treated with this highly precise form of radiation, which eradicates tumors while sparing healthy surrounding tissue and eliminating many side effects of conventional radiation treatment. Many Penn physicians also see patients at Children's Hospital of Philadelphia and the Corporal Michael J. Crescenz VA Medical Center.

PENN TRANSPLANT INSTITUTE

A PIONEER OF ORGAN TRANSPLANTATION FOR 56 YEARS

2022 milestones:

Reached
1,500
lung and heart transplants, each

13,500+

solid organ transplants since 1966

1st

in Philadelphia region to offer pancreas transplant for type 1 diabetes treatment

200+

kidney transplants each year – largest and oldest kidney transplant program in the region



CELEBRATING 150 YEARS OF NEUROLOGY



1st Neurology department in the nation



celebrated **150th** anniversary in 2022



60,000+ outpatient visits in FY22

CARING FOR PATIENTS EVERYWHERE



2.1 million telehealth visits from 2020 to 2022



693,514 home visits



2,400 patients supported by Penn community health workers (CHWs)



34% reduction in total hospital days due to CHW care, demonstrated by IMPaCT

COVID-19 CARE COMMITMENT TO PREVENTION & CARE



9,458 total COVID-19 inpatients cared for



754 new Post-COVID Assessment & Recovery Clinic patients in FY22



500+ COVID-19-related studies



6,000+ patients have participated in COVID-19 research



RESEARCH

TOMORROW'S CURES, TODAY

Penn Medicine is an internationally recognized leader for discoveries that advance science and patient care. Eighty Penn Medicine researchers are members of the National Academy of Medicine, one of the highest honors in medicine.

The fundamental and discovery science and clinical research from Penn Medicine's laboratories and hospitals improve care for a wide range of medical conditions and provide the foundation for the next generation of therapies. Penn's culture and campus encourage close collaboration between scientists and clinicians, exemplified by dozens of interdisciplinary clinical and research institutes, centers, and programs.

PENN OPHTHALMOLOGY

OPHTHALMIC CARE AND BREAKTHROUGH RESEARCH



*Scheie Eye Institute
Celebrating 50 Years*

Pioneered
1st gene therapy to reverse
blindness in those born with
a rare hereditary disease

Dry Eye and Ocular Surface Center
1st center of its kind in
tri-state area

130,000+

patient visits each year

30+ countries where
faculty have
provided eye care to
underserved patients
during past 5 years

COLLABORATIVE RESEARCH

BY THE NUMBERS



7,395

faculty & staff



4,600+

*students, postdoctoral
trainees, residents,
& fellows*



28

*basic & clinical
departments*



34

*freestanding
interdisciplinary
centers & institutes*



47

*departmental
centers*

CLINICAL TRIALS AT PENN MEDICINE

*Driving discoveries to advance
science & improve health*



3,519

*clinical research studies
in FY22,*

with



70,658

enrolled patients,



134,572

active research participants,

and



773

*faculty with clinical
research awards*



CAR T

CELL THERAPY

*1st developed by Penn Medicine;
1st cancer gene therapy
approved by the FDA*



1,150+

*patients enrolled in CAR T
cell therapy clinical trials*



75+

clinical trials in cell therapy



10-year

*remissions for numerous
patients enrolled in trials*



**“Of Medicine
and Miracles”**

*documentary about the
journey to developing this
cancer cure premiered at
the Tribeca Film Festival*

FAST FACT

Messenger RNA (mRNA) technology, employed in the Pfizer-BioNTech and Moderna COVID-19 vaccines, is also being used for other experimental vaccines to prevent and treat countless diseases, like cancer and heart disease, along with influenza.



EDUCATION

TRAILBLAZERS IN MEDICAL EDUCATION

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 centers. The curriculum is built on a foundation of evidence-based medicine and patient-centered care, integrating basic sciences and clinical experience and fostering interdisciplinary teamwork.

GRADUATE MEDICAL EDUCATION

ACROSS HUP, PPMC, LGH, AND PAH

1,509

residents & interns

413

fellows

91

ACGME-accredited residency and fellowship programs

59

non-ACGME fellowships sponsored by departments



PERELMAN SCHOOL OF MEDICINE ENROLLMENT



761

medical students



222

MD-PhD students

GRADUATING CLASS OF 2022

169 graduates

48 graduates training at Penn, CHOP, or Scheie Eye Institute

20 states where graduates are attending residency

101 graduates of dual degrees and areas of concentration

INCOMING CLASS OF 2022

149 students

52% female

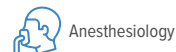
47% male

1% non-binary

67% non-traditional applicants

19% pursuing an MD/PhD

Top Specialties:



PENN ACCESS SUMMER SCHOLARS (PASS) PROGRAM

a pathway program for groups underrepresented in medicine

9 partnerships with colleges and universities — 5 of which are HBCUs

86 participants since inception in 2008

51 attended or are currently attending PSOM

GLOBAL ENGAGEMENT



IMPROVING HEALTH AROUND THE WORLD

The Center for Global Health launched in 2015 to synthesize and expand Penn Medicine's efforts to improve worldwide health equity.

Among many international projects, the Center for Global Health includes three regional centers of engagement — the Botswana-UPenn Partnership, the Guatemala-Penn Partnership, and the Vingroup-Penn Alliance in Vietnam.

CENTER FOR GLOBAL HEALTH

151 Global Health projects in

88 countries

124 faculty members engaged in international research, education, & clinical work

54 international trainees engaged at Penn

\$300,000+ in fundraising to aid in Ukraine's humanitarian crisis, along with supply drives at UPHS entities

INDIAN HEALTH SERVICE

Since 2015, 45 Penn residents have completed clinical rotations to serve indigenous communities at various Indian Health Service (IHS) medical centers, including Whiteriver Indian Hospital in Arizona, and two other reservations in the Southwest. Medical students have also completed IHS clinical rotations in Alaska.



Read more about the IHS clinical rotation

DIVERSITY, EQUITY, & INCLUSION



PURSuing RACIAL JUSTICE & HEALTH EQUITY

Penn Medicine is committed to combatting all forms of racism and bias within the community, fostering a space that is rich in diversity, respect, and tolerance for individuals of all backgrounds. Efforts across our culture aim to break down barriers to ensure a safe, welcoming, and supportive environment.

DRIVING HEALTH EQUITY RESEARCH & CARE

Initiatives to increase preventative screening, clinical trials, & research equity

\$4M grant to create the BETTER Center to improve the diversity of participation in cardiovascular clinical trials

\$9.5M grant from the Warren Alpert Foundation established the Alliance to Increase Diversity in Genetic Counseling, supporting students from underrepresented backgrounds in this field

486 free mammograms provided by Penn Medicine at community health events, boosting early detection and treatment in low-income & minority communities in 2022

ACTION FOR CULTURAL TRANSFORMATION (ACT)

Launched in 2020, ACT is an enterprise-wide plan focused on six key areas — clinical care, research, education, culture, people, and community — with the mission of eliminating structural injustice and promoting health equity across Penn Medicine and the communities we serve.

- **85% Just Do Its** — organizational strategies to promote ACT's goals across Penn Medicine — have been completed
- **74% more female department chairs** than the average medical school (33% compared to 18%)
- **109% increase** in year-over-year staff promotions for people of color



CARE IN THE COMMUNITY

MAKING A MEANINGFUL IMPACT

Our commitment to care for people in Pennsylvania and New Jersey extends far beyond the walls of our facilities. 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.

Celebrating 10 years of service, Penn Medicine's CAREs grant program supports faculty, students, and staff who volunteer in community-based programs. Since its launch, CAREs has provided more than 900 grants for service initiatives, including programs in community centers, farmers markets, and places of worship.

Learn more about Penn Medicine CAREs at PennMedicine.org/Community.

GIVING BACK IN FY22

\$392.8M

in charity and underfunded care for families on Medicaid

\$120M

in physician training support

\$179.9M

in research support and community health improvement services



DEEPLY ROOTED

Led by the Penn Urban Health Lab, the community-academic collaborative Deeply Rooted promotes health equity and environmental justice in Black and Brown neighborhoods in West and Southwest Philadelphia.



13

community partners

in

4

Black Philadelphia neighborhoods

with

\$6M

investment from Penn Medicine and CHOP



Scan to watch the video



IN THE NEIGHBORHOOD

IMPROVING THE WELL-BEING OF OUR COMMUNITIES



Lancaster General Health's **Food Farmacy** addresses barriers to healthy eating, particularly for low-income, food-insecure individuals and families. Patients meet with registered dietitians at a food pantry, receiving nutrition counseling and healthy food options.



Physician Track provides long-term and continuing mentorship to Black, male Philadelphia high-school students. Through hands-on skills training and wilderness medicine expeditions, the program encourages them to consider medical careers.



Princeton Health provides a resiliency training program for New Jersey police officers, helping them decrease stress and anxiety to foster overall well-being by focusing on skills such as goal setting, problem solving, and mindfulness.



The Penn **COVID TRACE Project** (testing, resources, and community engagement) provided free COVID-19 testing in West Philadelphia and Kensington, the Philadelphia neighborhood hardest-hit by the opioid crisis.



CCH supports **Leadership and Empowerment for Access to Programs (LEAP)** — a Coatesville-based initiative which aims to improve access to health care, wellness, and educational services in the community.



ECONOMIC DEVELOPMENT

IMPROVING THE REGION'S ECONOMIC HEALTH

\$15.1B
in total economic impact

\$208.6M
total annual tax revenue

ECONOMIC IMPACT BY CITY & STATE



\$13.7B
total impact in PA

70,790
jobs supported in PA



\$9.3B
total impact in Philadelphia

40,490
jobs supported in Philadelphia



\$1.4B
total impact in NJ

9,200
jobs supported in NJ

*2019 data



AWARDS & ACCOLADES

LEADING WITH DISTINCTION

A LEADING EMPLOYER

- ▶ Ranked among "America's Best Large Employers" by *Forbes*
- ▶ "A" Leapfrog Hospital Safety Grade, earned by all 6 hospitals, for achievements in protecting patients from preventable harm and error
- ▶ All 6 hospitals recognized by the Human Rights Campaign's Healthcare Equality Index for dedication & commitment to LGBTQ+ inclusion



NATIONAL & REGIONAL RECOGNITION



531 physicians included in *Philadelphia* magazine's "Top Docs" 2022 list

All acute care facilities achieved **Magnet status** from the American Nurses Credentialing Center.



HOSPITAL ACCOLADE HIGHLIGHTS



LGH was named to Healthgrades' America's 50 Best Hospitals list for 2022.



PAH achieved Age-Friendly Health System – Committed to Care Excellence designation by the Institute for Healthcare Improvement.



Princeton Medical Center earned a certification in advanced total hip and total knee replacement from The Joint Commission in 2022—one of six in NJ.



CCH received the 2022 Healthgrades Labor and Delivery Excellence Award and the Overall Obstetrics and Gynecology Excellence Award.



PENN MEDICINE FISCAL YEAR 2022



ANNUAL OPERATING REVENUE

\$11.1 BILLION



RESEARCH, PEOPLE, & INNOVATION

Total Sponsored Research	\$1.097B
NIH Awards	\$550M
PA State Research Funding	\$9.6M
New Patents Awarded	73
Licensing Revenue	\$1B+
Physicians ¹	6,243
Full-Time Faculty (includes CHOP)	2,998
MD Students	761
PhD Students	842
VMD-PhD Students	20
MD-PhD Students	222
Residents & Fellows (HUP, PPMC, PAH, LGH)	1,922
Postdoctoral Fellows	843
Employees	49,101



PHILANTHROPY

Gifts	\$257.9M
Donors	23,588
Alumni Participation	23%



PENN MEDICINE FISCAL YEAR 2022

	TOTAL	HUP	PAH	PPMC	CCH	LGH	PMPH
Outpatient Visits	6,991,218 ²	2,111,770	303,368	310,845	569,183	1,433,424	190,076
ED Visits	413,721	101,382	45,352	50,059	54,196	112,737	49,995
Adult Admissions	135,122	38,611	19,310	17,314	16,804	27,615	15,468
Births	19,606	4,287	5,537	--	3,205	4,380	2,197
Licensed Beds	3,600 ³	1,200	525	399	349	668	459

KEY TO SUPERSCRIPTS:

- (1) Includes employed and credentialed physicians
- (2) Includes CCA/CHCA, GSPP, PMAH
- (3) Includes newborn bassinets

KEY TO ABBREVIATIONS:

- CCA: Clinical Care Associates
- CCH: Chester County Hospital
- CHCA: Clinical Health Care Associates
- CHOP: Children's Hospital of Philadelphia
- ED: Emergency Department
- GSPP: Good Shepherd Penn Partners
- HUP: Hospital of the University of Pennsylvania
- LGH: Lancaster General Health
- PMAH: Penn Medicine at Home
- PMPH: Penn Medicine Princeton Health
- PPMC: Penn Presbyterian Medical Center
- PAH: Pennsylvania Hospital

