Shaping the Future of Medicine:

An Introduction to Penn Medicine

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May 14, 2016
Celebrating Penn Medicine

Alumni Weekend Caps the Education of Our Students

...and Gives You the Chance to Get to Know Us
Strong Roots at Penn

1749: America’s 1st university

1751: 1st hospital: Pennsylvania Hospital

1765: 1st medical school

1874: 1st university-owned teaching hospital: HUP

1993: Historic Perelman naming gift

2011: 1st integrated academic health system
SHAPING THE FUTURE
of MEDICINE

A Total $5.3 Billion Enterprise
An Integrated Academic Medical Center

that Encompasses Our Missions

PATIENT CARE

EDUCATION

RESEARCH

COMMUNITY SERVICE

HUP/PPMC #9

PSOM #3

National Institutes of Health #3

Improving the Health of Philadelphia’s Latino Community
9.7 Million Square Feet
Spread Across 5 Hospitals and Hundreds of Outpatient Centers

- Plus Washington Square, Rittenhouse, University City
- Valley Forge, Radnor, Bucks, Cherry Hill, Woodbury Heights
Using Innovation to Re-Think Treatment

PAST
Discovery of Philadelphia chromosome

PRESENT
TAVR: 1000th procedure

FUTURE
Mapping the brain before surgery
A Lifetime of Learning

775 Medical Students
186 of These Enrolled In MD/PhD programs
57% of MD students receive additional degree, certificate, or spend year conducting research

More Than 60% of BGS students are women
Nearly 23,000 alumni across MD, PhD, GME, and Masters programs
Learning opportunities for college & high school students
Nearly 7,000 Researchers Strong—and Growing

5200 Faculty & Staff
65 Members of National Academy of Medicine
1400 Students & Post-Docs
28 Basic & Clinical Departments
24 Interdisciplinary Centers & Institutes
A Unified Campus Helps Spur Medical Innovation
Community Service & Global Impact

- Botswana-UPenn Partnership Has Spanned 15 Years
- Since 2012, Penn Medicine CAREs has provided grants to 180 initiatives
- $137 million in charity and underfunded care for Medicaid families
- $1.6+ million raised by Penn's Way campaign, $900,000 of which was donated from Penn Medicine employees
- $6.5 billion total economic impact in Pennsylvania
- Established partnership with Princess Grace Hospital in Monaco in 2013
Launching Our Cancer “Moonshot”

The Philadelphia Inquirer

In visit with Penn scientists, Biden launches cancer 'moonshot'
The Next Stage: Our Immuno Revolution

We’re Unlocking the Promise of Immunotherapy

The developments at Penn point, tantalizingly, to something more, something that would rank among the great milestones in the history of mankind: a true cure.

— Forbes Magazine, May 2014

An Immune System Trained to Kill Cancer

The New York Times

Penn joins Sean Parker in historic launch of cancer immunotherapy institute

New Hope of a Cure for H.I.V.

The New York Times

Chimeric Antigen Receptor–Modified T Cells in Chronic Lymphoid Leukemia

Infusion of modified T cells creates resistance to HIV

Gene Therapy May Thwart HIV

T Cells with Chimeric Antigen Receptors Have Potent Antitumor Effects and Can

Cell therapy fights leukaemia

'Serial killer' cells can target leukemia

'Amazing' therapy wipes out leukemia in study

Gene therapy shown to destroy leukemia tumors
1-800-789-PENN