MD-MSHP Information Session

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Health Policy Research

- Health policy research investigates the organization, management, financing, and delivery of health care and the social forces that shape health in the US and the world

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Health Policy Research at Penn is Multidisciplinary and Happens All Over

- Leonard Davis Institute of Health Economics
- Perelman School of Medicine
  - DGIM, Emergency Medicine, CHOP, Surgery, Cardiology...just about every clinical Department/Division
- The Wharton School
- Annenberg
- School of Nursing
- VA
- Many many centers
  - CHOP PolicyLab, CHIPS, CHERP, CEPACT, CHIBE, Center for Health Outcomes and Policy Research, Penn Medicine Center for Health Care Innovation

Why do MD-MSHP?

- Broaden your career options
- Work with the leaders in the field
- Benefit from cross-disciplinary collaborations
- Impact the US Health care system in a meaningful way

Objectives

- Prepare graduates for health services and health policy research careers in academic, government, community, and health policy

- Attract and train future academic and policy clinician leaders

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Students

- Come from diverse backgrounds
  - Physicians: cardiology, emergency medicine, family medicine, general internal medicine, heme/onc, immunology, infectious diseases, OB/GYN, neurology, pediatrics, psychiatry, surgery …
  - Nursing and other post-docs
  - **Medical students**

Same? Different?

- MPH
  - We ask similar questions BUT
    - We focus on research training
    - We are a program for clinicians

- MSCE
  - We have similarly rigorous research training BUT
    - We ask different questions – often about systems
    - We examine local health care delivery (e.g. single clinic) to national health care delivery (e.g. Medicare policy)

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MSHP at-a-glance

- Started in 2005
- 44 current students
- 190+ alumni
- 99% graduation rate
- Job placement
  - 72% in research/academic positions
  - 5% in government
  - 5% in administration
  - 6% in health consultancy
  - 11% in full-time clinical practice
- 25+ affiliated faculty

MD-MSHP Curriculum

- Primary focus on:
  - Qualitative/quantitative research methods
    - Primary and secondary data collection, research design, data analysis
  - Health policy
  - Health economics
  - Statistics
- Degree requirements:
  - 7 core courses
  - 2 elective credits*
  - Supervised thesis (2 credits)

  *MS-MSHP student also earn one credit for MOD320 Health Care Systems in the MD curriculum

MD-MSHP Study Plan

Year	Fall	Spring	Summer	Tuition and Billing
1	MD curriculum (Modules 1,3,6)	MD curriculum (Modules 2, 3, 6)		MD Tuition
2	MD curriculum (Modules 2, 3, 6)	MD curriculum (Modules 4,6)	MD curriculum (Modules 4,6)	MD Tuition
3	MD curriculum (Modules 4,6)	Boards 1 MD curriculum (Module 5)	<u>Through June:</u> MD curriculum (Module 5) <u>July and August:</u> 1) Intro to Health Policy and Research 2) Economics of Health Care Delivery	MD Tuition (Fall and Spring) HPR Tuition (Summer)
4	3) Methods I: Primary Data 4) Stats I: Intro to statistics 5) Elective #1	6) Methods II: Secondary Data 7) Stats II: Applied Regression 8) Thesis	Research	HPR Tuition
5	9) Fundamentals of Health Policy 10) Thesis 11) Elective #2 *Residency interviewing*	*Residency interviewing* MD curriculum (Module 5)		HPR Tuition (Fall) MD Tuition (Spring)

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MS-MSHP Program Costs

- **David A. Asch Medical Student Scholars in Health Services Research Scholarships**:
  - Up to two scholarships available on a competitive basis
  - Named after Penn faculty member, David A. Asch, MD, MBA, in recognition of his founding role and ongoing impact on the PennMSHP
  - **Each scholarship covers 100% of PennMSHP tuition**
- **Applications due by February 1 of the third year of medical school**

Core Courses

1. Introduction to Health Policy and Research
2. Economics of Health Care Delivery
3. Methods I: Primary Data Design and Collection
4. Methods II: Causal Inference Using Secondary Data
5. Stats I: Introduction to Statistics for Health Policy
6. Stats II: Applied Regression Analysis for Health Policy Research
7. Fundamentals of Health Policy

Other Training and Support

- Research in progress

- Programming and Biostatistics Support

- STATA Labs

- NVivo Training

- Professional Development Series (PDS)

- LDI Research and Policy Seminar Series

Mentoring

- **Mentoring is one of the most important components of our program**
  - Match all students with a primary research mentor
  - Also get an MSHP mentor
  - Monitor mentor quality
  - Build mentorship teams (research, project-specific, career) >> organic process

Student Thesis Projects

Delegalizing Advance Directives — Facilitating Advance Care Planning

Joshua A. Rolnick, M.D.,

Impact of State Ignition Interlock Laws on Alcohol-Involved Crash Deaths in the United States

AJPH
A PUBLICATION OF THE AMERICAN PUBLIC HEALTH ASSOCIATION

JAMA Internal Medicine
States Worse Than Death Among Hospitalized Patients With Serious Illnesses

Emily B. Rubin, MD, JD[1,2]; Anna E. Buehler, BS[2]; Scott D. Halpern, MD, PhD[1,2,3,4]

JAMA Internal Medicine
Association Between Number of Insurers and Premium Rates in the Affordable Care Act Marketplace

gxiao Wu, PhD[2]; et al

American Journal of Medical Quality

Changing Antibiotic Prescribing in a Primary Care Network: The Role of Readiness to Change and Group Dynamics in Success

Suratha Elango, MD, MSHP, Julia E. Szymczak, PhD, Ian M. Bennett, MD, PhD, R
Beidas, PhD, Rachel M. Werner, MD, PhD

PEDIATRICS
OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS

Pediatric and Adult Physician Networks in Affordable Care Act Marketplace Plans

n, Zuleyha Cidav, Robert Nathenson, Daniel Polsky

JACC
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY
Educating the MACRA-Ready Cardiologist
Developing Competencies in Value-Based Cardiovascular Medicine
Srinath Adusumalli, Howard Walpole, Paul N. Fiorilli and Matthew D. Saybolt

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Student Engagement

The Inquirer

DAILY NEWS philly●com

While politicians squabble over CHIP reauthorization 9 million kids are at risk by Stacey Kallem, MD, For Philly.com

Why some Philly women are clamoring for contraception before Inauguration Day

by Sarah Horvath, M.D. 🐦 @phillyhealthsci

To improve health care value, we need to know what we are paying for by Joshua M. Liao, MD, guest blogger 🐦 @healthcentsblog

A doctor's view: The colonoscopy loophole that takes patients' money - and trust

by Shazia Mehmood Siddique, For the Inquirer

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Student Engagement

Networking Opportunities

- With faculty across Penn's campus
- With alums and peers
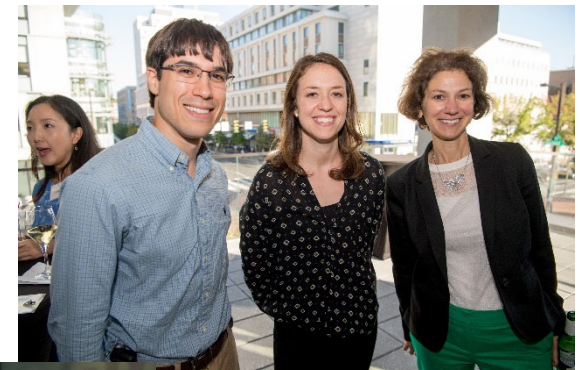
What recent alumni say…

- "At Penn MSHP's you learn across the continuum of health services research from policy and population health to implementation science at the bed side. You learn how to become a part of health care transformation, in the context of working directly with leaders it the field. Health policy is only a piece of what MSHP offers."

- "The MSHP program has completely changed my career trajectory. When I began my clinical residency, I hadn't planned to do research. But this is a really unique program. The opportunity to meet people who want to change the world is really cool. It's inspiring to hear what people are doing and the more I learn, the more I'm interested in fixing it."

- "Whether or not you have identified that you want a research career, they give you the strategies to get there."

Learn More

- Talk to us
- Talk to a fellow or faculty member
- Visit a class
- Follow us: @Penn_MSHP
  @pennmshp

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