



## WUSM Master of Population Health Sciences

*A 10-month degree program for residents, fellows, attendings, and clinical doctorates.*

Applications are now being considered on a rolling basis for fall 2017 courses available in the Washington University School of Medicine Master of Population Health Sciences (MPHS) degree program. Population health sciences training brings together your *passion for patient care* and using research to *improve health outcomes* for patient populations. The MPHS degree program accelerates your clinical research expertise and gives you the foundation to excel in leading, designing, conducting, and moving research to applications in clinical settings. The curriculum emphasizes the role of clinical epidemiology and biostatistics in clinical effectiveness and outcomes research.

These courses are open to those with doctoral-level clinical degrees, including: MD (residents, fellows and attendings); PhD; DO; OTD; DNP; and PharmD. Descriptions for the courses listed below are available online [here](#).

### Core Courses

- Introductory and Intermediate Clinical Epidemiology
  - Applied Epidemiology
  - Introduction to SAS for Clinical Research
  - Introductory and Intermediate Biostatistics for Clinical Research
  - Ethics in Population and Clinical Health Research
- Note: Medical Students must also take Current Topics in Public Health*

### Fall 2017 Electives

- Randomized Controlled Trials
- Applied Qualitative Methods for Health Research
- Epidemiology of Psychiatric Disorders Across the Lifespan
- Decision Analysis for Clinical Investigator and Economic Evaluation
- Multilevel Models in Quantitative Research
- Global Burden of Disease

### Spring 2018 Electives

- Communicating Research Findings to the Media and Lay Audiences
- Comparative Effectiveness Research
- Shared Decision Making and Health Literacy in the Clinical Setting
- Patient Safety, Quality Management and Quality Improvement
- Systematic Reviews and Meta-Analysis
- Development, Validation and Application of Risk Prediction Models
- Using Administrative Data for Health Services Research
- Addictions and Addictive Behaviors
- Introduction to Dissemination and Implementation Science
- Multilevel and Longitudinal Data Analyses for Clinical and Public Health Research

For registration and tuition information, contact Joyce Linn, MPHS program coordinator, at (314) 362-5501 or [linnj@wustl.edu](mailto:linnj@wustl.edu). To learn more about the MPHS program, visit [mphs.wustl.edu](http://mphs.wustl.edu).

Attachments:

 [MPHS Brochure](#)