Washington University in St. Louis
SCHOOL OF MEDICINE

The Division of Public Health Sciences
Master of Population Health Sciences

MPHS Clinical Outcomes Research Training

10 month degree program for medical health science students, residents, fellows, attending and clinical doctorates.
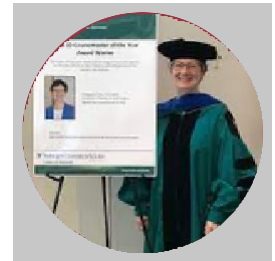
(MD/ MPHS Degree Available)

| Accelerate your academic research career | Improve patient and population health | Boost your research quality and productivity |

About the MPHS Program

The Master of Population Health Sciences degree is designed to prepare current and aspiring public health leaders with the skills and knowledge needed to impact the health outcomes for patient populations. Through this program you will explore key public health issues in epidemiology, biostatistics, clinical effectiveness and outcome research.

Learn from our highly ranked faculty known for patient care and population health excellence in classes customized for clinicians while maximizing your research productivity by using your current, ongoing research projects for course assignments. With no thesis requirement, the MPHS degree can be obtained in as few as 10 months, with part-time study options available.

Students may also choose to pursue a certificate in one of the following areas: Clinical Effectiveness | Health Equity and Disparities

Quick facts of the program:

- Part-time study available.
- No Thesis requirement.
- Dual MD/ MPHS degree option available.
- Assignments, projects, readings and case studies are tailored for a clinician audience.
- Relevant, productive assignments: use a current research project or your future research interests for core assignments.

Core Curriculum

- Introduction to R for Clinical Research
- Intro and Intermediate Biostatistics for Clinical Research
- Intro and Intermediate Clinical Epidemiology
- Grant Writing: Applying Clinical & Population Health Methods
- Ethics in Population and Clinical Health Research

Elective Courses

- Intro to Health Disparities and the Structural/ Social Determinants of Health
- Randomized Controlled Trials
- Development, Validation and Application of Risk Prediction Models
- Systematic Reviews and Meta–Analysis
- Using Administrative Data for Health Services Research Dissemination and Implementation Science
- Applied Qualitative Methods for Health Research
- Decision Analysis for Clinical Investigation and Economic Evaluation
- Multilevel and Longitudinal Data Analysis for Clinical and Public Health Research
- Introduction to Propensity Score Methods

**Submit your MPHS application by clicking here or by scanning the QR code.
Applications accepted on a rolling basis.**

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BJC HealthCare