Our program's educational mission offers prospective students well-rounded and rigorous training, with a focus on real-world impact, interdisciplinary learning, and research leadership. The program covers various fields like global, population, public, and community health, biostatistics, epidemiology, genomic epidemiology, and computational biology. Professionals with graduate-level training in biostatistics can find opportunities in research, industry, or hospitals/health systems that range from opening to leadership positions.

Course Examples

- **PQHS 501**: Research Seminar
- **PQHS 431**: Statistical Methods I
- **PQHS 432**: Statistical Methods II
- **PQHS 440**: Introduction to Population Health
- **PQHS 444**: Communicating in Population Health Science Research
- **PQHS 445**: Research Ethics in Population Health Sciences
- **PQHS 465**: Design and Measurement in Population Health Sciences
- **PQHS 472**: Integrated Thinking in Population and Quantitative Health Sciences
- **PQHS 473**: Integrated Thinking in Population and Quantitative Health Sciences II
- **PQHS 490**: Epidemiology: Introduction to Theory and Methods
- **PQHS 491**: Advanced Study Design and Analysis in Population Health Sciences
- **IBMS 500**: On Being a Professional Scientist: The Responsible Conduct of Research

#1 medical school in Ohio
#25 medical school for research
#16 worldwide for biomedical and health sciences
#20 in R&D federal spending

U.S. News & World Report
Your Path to a PhD

Embrace our interdisciplinary research framework designed to tackle intricate public health challenges head-on. Throughout your academic voyage, you'll acquire specialized proficiencies and refine your communication skills. Immerse yourself in intellectually invigorating seminars, guided by distinguished experts, and embrace collaborative roles that expand your grasp of the intricate determinants and diversities within the health domain.

Your dedicated commitment to academic rigor culminates in your evolution into adept research leaders. Equipped to unravel intricate paradigms, you'll proactively contribute to the advancement of global health.

CWRU Invests in You

- 100% fully-funded tuition
- 100% mandatory fees and health insurance paid
- $37,000 annual stipend to PhD students
- $2,000 moving stipend

Admissions Timeline and Core Application Requirements

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Core Application Requirements

- Unofficial transcripts
- Current Resume/CV
- Three letters of recommendation
- Statement of Purpose

For details, visit case.edu/medicine/pqhs/education/biostatistics-and-epidemiology/

Ready to learn more?
Reach out to our admissions team at ms-biostatistics@case.edu or scan QR code to request more info.