

Master of Science in Population Health Intelligence

College of Population Health

Presentation Overview

- Program Description
- Plan of Study
- Careers
- Professional Associations
- Student Profile
- Faculty Profile



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Jefferson

CREATE WHAT'S NEXT

Population Health Intelligence® (PHI) is a term we coined to describe a new discipline, the role of which is to collect, organize, harmonize, analyze, disseminate and act upon the data available to clinicians, health system leaders, the pharmaceutical and biotechnology industry, and healthcare payers.



Graduate Certificate

POP 500: Essentials of Population Health*

AHE 509: Epidemiology & Evidence for Outcomes Research in Population Health

AHE 511: Advanced Statistics for AHEOR

PHI 501: Health Informatics & Analytics

PHI 518: Data Science



Master's

POP 500: Essentials of Population Health*

AHE 509: Epidemiology & Evidence for Outcomes Research in Population Health

AHE 511: Advanced Statistics for AHEOR

PHI 501: Health Informatics & Analytics

PHI 518: Data Science

PHI 605: Advanced Statistics for Data Analytics

PHI 532: Data Presentation Architecture

PHI 538: Implementation Science

PHI 527: Analytics Leadership

Elective

PHI 650: Capstone Seminar & Project



JOB TITLE

Population Health Analyst

OUTLOOK

“Based on recent job postings on ZipRecruiter, the Population Health Data Analyst job market in both New York and the surrounding area is very active.” - ZipRecruiter

“Employment of operations research analysis is projected to grow 26 percent from 2018 to 2028, much faster than the average for all occupations. As technology advances and companies see efficient and cost savings, demand for operations research analysis should continue to grow.” - U.S. Bureau of Labor Statistics

SALARIES

MAX

\$61,424



MEDIAN


\$83,472



START

\$109,686



- **American Health Information Management Association (AHIMA)**
 - AHIMA is a global nonprofit association of health information management professionals. AHIMA represents professionals who work with health data for more than one billion patient visits each year.
 - **Healthcare Information and Management Systems Society (HIMSS)**
 - Healthcare Information and Management Systems Society, Inc. (HIMSS) is a global advisor and thought leader supporting the transformation of the health ecosystem through information and technology.
 - **AcademyHealth**
 - AcademyHealth improves health and health care for all by advancing evidence to inform policy and practice
- 



David Aksim

Landenberg, PA
CLASS OF 2021

“I think I would best be able to work in the population health space by getting formalized instruction. Almost all of my BI skills have been learned on the job, so I am also looking forward to taking classes on turning data into information - this is what I do every day.

“What has most exceeded my expectations has been the quality of my classmates. They have been a great mix of well-accomplished professionals and academicians, sharing insights, relevant details from their own careers, and support. Each class becomes its own interdisciplinary team with synergistic effects that leaves everyone having learned more.

“Even if you are a seasoned professional, prepare for Population Health Intelligence to broaden and deepen your perspective beyond what you have experienced so far. ”



JAMES B. COUCH, JD, MD, FACPE

Lecturer

JD INDIANA UNIVERSITY
MD UNIVERSITY OF PENNSYLVANIA

Dr. Couch has almost 40 years of accomplishments in healthcare delivery and management with an emphasis on evaluating and managing health IT systems to improve the demonstrable quality, safety and value of health care delivery. His work in value-based purchasing, and what is now called accountable care, dates to the 1980s.

COURSES

- PHI-527 ANALYTICS LEADERSHIP



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Thomas Jefferson University