

Applied Health Economics and Outcomes Research

College of Population Health

Presentation Overview

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



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Program Director



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Jefferson

CREATE WHAT'S NEXT

Applied Health Economics & Outcomes Research (AHEOR) is an academic discipline that establishes the efficacy of a product, service, or treatment; compares its effectiveness to other interventions; and considers its incremental cost efficiency to determine optimal clinical application and overall economic value.

Demand for AHEOR professionals continues to be strong globally as rising healthcare delivery and pharmaceutical costs continue to challenge every nation's economy.



Graduate Certificate Courses

AHE 501: Economics of Health Insurance

AHE 502: Statistics I

AHE 504: Economic Modeling I

AHE 506: Subjective Outcomes in Health Evaluation

AHE 509: Epidemiology for Outcomes Research

Master of Science - Industry

AHE 501: Economics of Health Insurance

AHE 502: Statistics I

AHE 504: Economic Modeling I

AHE 506: Subjective Outcomes in Health Evaluation

AHE 509: Epidemiology for Outcomes Research

AHE 505: Statistics II

AHE 510: Advanced Research Methods for Applied Observational Studies

AHE 512: Economic Modeling II

AHE 507: Claims-Based AHEOR

AHE 508: International Health Technology Assessment: Evaluations and Evidence Generations/Synthesis

AHE 652: Strategic Capstone Portfolio & Presentation

Master of Science - Research

AHE 501: Economics of Health Insurance

AHE 502: Statistics I

AHE 504: Economic Modeling I

AHE 506: Subjective Outcomes in Health Evaluation

AHE 509: Epidemiology for Outcomes Research

AHE 505: Statistics II

AHE 510: Advanced Research Methods for Applied Observational Studies

AHE 512: Economic Modeling II

HDS 500: Intro to Data Management

HDS 502: Advanced Data Analysis

AHE 651: Capstone Research Project



The Economic Impact Of A Pharmacy-Based Intervention Among Patients With Schizophrenia

Tony Amos

Jefferson College of Population Health

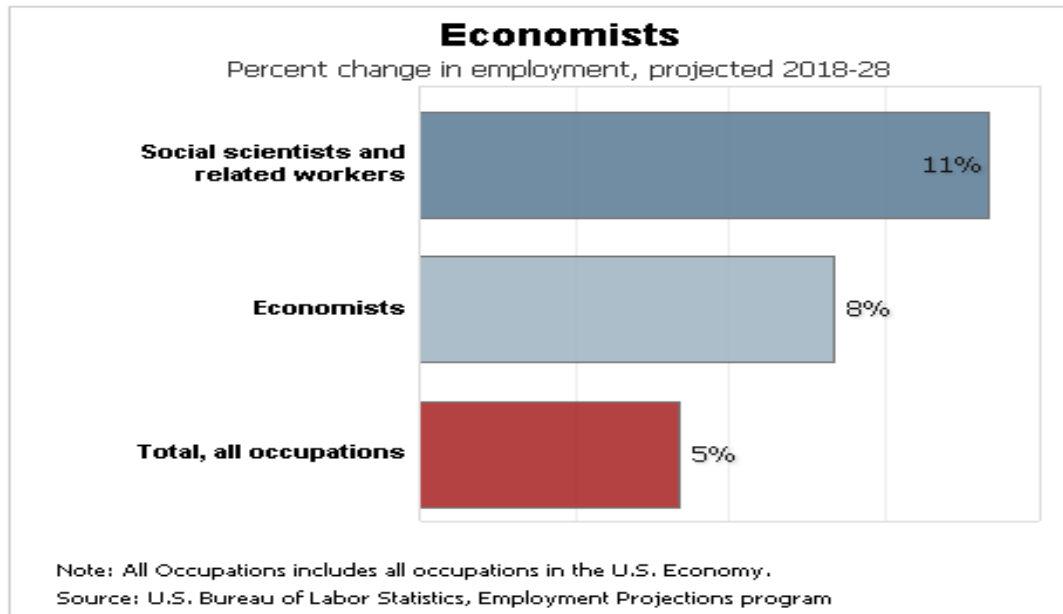
Capstone Advisor: Joseph Jackson, PhD

<https://jdc.jefferson.edu/msaheor/8/>

JOB TITLE

Health Economics and Outcomes Research

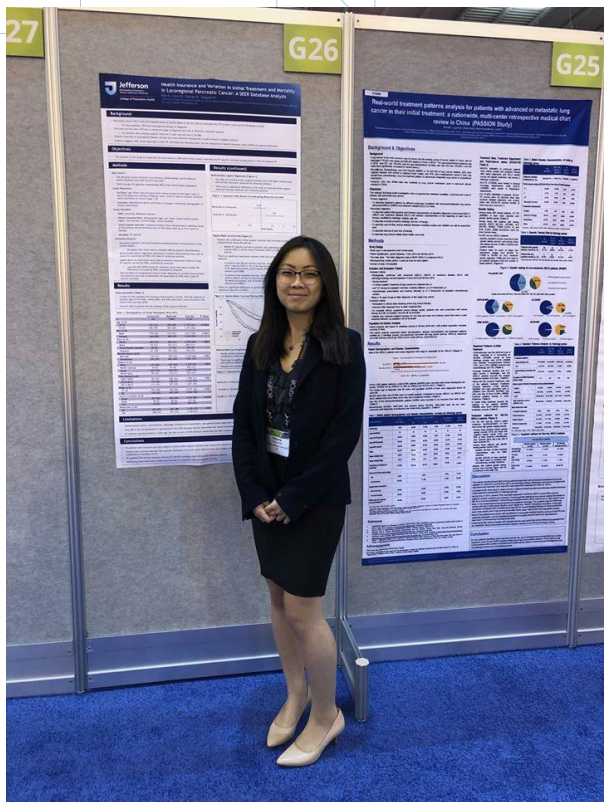
OUTLOOK



SALARIES

MAX \$120,000
↑
MEDIAN \$104,340
↓
START 70,289

- International Society for Pharmacoeconomics and Outcomes Research
 - www.ispor.com
- Agency for Health Research Quality - Study Section
 - <https://www.ahrq.gov/funding/process/study-section/heorst.html>



Arianna Key

Brooklyn, NY
CLASS OF 2020

What appeals to me most about this program is the opportunity to build a career in an area that I am passionate about. Learning the fundamentals of data organization and research design will empower me to further translate my research and clinical experience into ensuring optimal patient outcomes while effectively maximizing limited healthcare resources.

"The Jefferson College of Population Health offers students the unique opportunity to build a strong foundation in research, gain practical knowledge of the healthcare system, and expand your network. This program has helped me to land a role as part of a Health Economics and Outcomes Research team for a pharmaceutical company. However, the mentorship, network, foundation, and flexibility of the program are designed to prepare students for a career in any setting."

As with all programs, you get out of it what you put in. I encourage other students to fully engage in the online learning platform and more importantly take advantage of the TJU network via connecting/working with hospital administrators, clinicians, or even your peers. The opportunities are endless!

Dr. Adam Powell

College of Population Health, Lecturer



PhD and MA in Healthcare Management and Economics, The Wharton School of the University of Pennsylvania

Adam C. Powell, PhD is President of Payer+Provider Syndicate, a management advisory and operational consulting firm focused on the managed care and healthcare delivery industries. A healthcare economist and published author, Dr. Powell's specialty as a consultant is using quantitative techniques to examine issues concerning technology, operations, and firm decision making. His peer-reviewed research has focused on improving healthcare quality in mHealth (mobile health) and in high-cost areas of medicine.

He serves on the Editorial Board of the *Journal of Medical Internet Research (JMIR): Mental Health* and on the Scientific Advisory Board of *PsyberGuide*. He is known for his expertise in global health informatics, and has lectured extensively in Asia.

Dr. Powell has been featured in over one hundred articles from outlets including *JAMA*, CNN, Forbes, Fox, Inc., CBS News, NBC News, Reuters, *U.S. News and World Report*, The Advisory Board, *The Christian Science Monitor*, Yahoo! Finance, Becker's Hospital Review, Fierce, Healthcare Finance News, HealthLeaders Media, KevinMD, mHIMSS, *Modern Healthcare*, Minyanville, and Seeking Alpha.

COURSES

- U.S. Healthcare Financing and Reimbursement



Justin Frisby

Associate Director, Value and Access at Biogen
Wilmington, DE (hometown)
Philadelphia, PA (current)
CLASS OF 2019

I seek to find employment as a leader within the pharmaceutical or healthcare industry, placing my long-term intentions in agreement with the mission statement of the AHEOR program. Given that I am fortunate enough to have the opportunity, Jefferson's AHEOR program will be a gratifying experience to propel myself into my career.

“Completion of Jefferson's AHEOR master's program has been an integral part of my professional and academic accomplishments during the two years I was a student. The knowledge and experience gained from this program has led to multiple publications and career advancement that would not have been possible otherwise.”



Jefferson

Thomas Jefferson University