The University of Pittsburgh School of Pharmacy offers a 2-year fellowship designed to provide a strong foundation in clinical pharmacogenomics, implementation science, and translational research. Our goal is to train future independent researchers, faculty members, and health system leaders with a solid foundation in pharmacogenomics and precision medicine.

Fellows will:
- Conduct research with the objective of advancing the science and application of pharmacogenomics and precision medicine. Specifically, in the areas of implementation science; translational and clinical outcomes research; return of results and pharmacogenomics education; and clinical informatics.
- Participate in ongoing clinical and research initiatives including Pittsburgh Pharmacogenomics (PittPGx) programs currently deployed across the UPMC system -- the Clinical Pharmacogenomics Service, the PreCISE-Rx initiative, the Primary Care Precision Medicine Clinic, Test2Learn training program, the Pharmacogenomics Center of Excellence as well as nationally-funded pharmacogenomics research projects.
- Be mentored by University of Pittsburgh and UPMC leaders within the School of Pharmacy, the Clinical and Translational Science Institute, and the Institute for Precision Medicine.
- Gain core learning experiences through mentored research and development (50% effort), patient care (25% effort), and scholarship/graduate coursework (25% effort).
- Have the option to enroll in a Pharmacogenomics Certificate program or a Clinical/Translational Research certificate program from the University of Pittsburgh. Fellows may also apply to enter the MS or PhD program at the University of Pittsburgh School of Pharmacy.
- Receive an annual stipend and health insurance.

Eligibility: Applicants should possess a PharmD degree (residency training preferred but not required), eligibility for pharmacist licensure in PA, and a passion for translational and/or implementation science.

Application: Please submit a letter of intent, CV, transcripts and 3 letters of recommendation by December 16, 2022 to Dr. Philip Empey at the e-mail listed below.

For further information, please contact:

**Philip Empey, PharmD, PhD, FCCP**  
(Fellowship Director)  
Director, Pharmacogenomics Center of Excellence, Associate Director for Pharmacogenomics, Pitt/UPMC Institute for Precision Medicine; Associate Professor, Department of Pharmacy and Therapeutics, School of Pharmacy, University of Pittsburgh  
pempey@pitt.edu

**James Coons, PharmD, FCCP, BCCP**  
Professor, Department of Pharmacy and Therapeutics, University of Pittsburgh  
Clinical Pharmacist, Cardiology, UPMC Presbyterian Hospital  
coonsjc@upmc.edu

**Lucas A. Berenbrok, PharmD, MS, BCACP, CTTS**  
Associate Professor, Department of Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy  
berenbrok@pitt.edu