The PhRMA Foundation offers competitive pre/post-doctoral fellowships and research starter grants in Drug Delivery, Drug Discovery, Health Outcomes Research and Translational Medicine.

Funding Opportunities in

Health Outcomes Research

Our programs work to improve public health by proactively investing in innovative research, education and value-driven health care.

Application and award details at www.phrmafoundation.org/awards

The Health Outcomes Research Starter Grant from the Foundation has helped significantly in advancing my research, which aims to improve the interpretation of patient-reported health outcomes following stroke.

Brittany Lapin, PhD, MPH
Cleveland Clinic
> About the PhRMA Foundation

The PhRMA Foundation funds scientists at critical points in their research careers to support and reward innovation in areas essential to the development of safe and effective medicines.

For over 55 years, the PhRMA Foundation has helped thousands of scientists advance their careers and has inspired new generations to enter biopharmaceutical research. The early-career support provided by the PhRMA Foundation has been a catalyst for our scientists to become leaders in their organizations and fields. Our programs help build a larger pool of highly-trained researchers to meet the growing needs of academic institutions, the government and the research-intensive pharmaceutical industry.

PhRMA Foundation award recipients will continue to play an instrumental role in substantial achievements in medicine for the benefit of public health and ultimately the patient.

> 2020 Awards in Health Outcomes Research

Health Outcomes Research spans a broad spectrum of issues from studies evaluating the effectiveness of pharmaceutical intervention to the impact of reimbursement policies on outcomes of care. It also ranges from the development and use of patient-level real-world data and tools to perform patient-based assessments to analyses of the best way to disseminate the results of outcomes research to providers or consumers to encourage behavior change.

Health Outcomes Research incorporates a variety of research methods, data and tools from different disciplines. The application of Health Outcomes Research principles in evaluating the design, delivery, safe use, and effectiveness of pharmaceuticals includes the following general areas:

Pharmacoepidemiology evaluates behavior of individuals, organizations, and markets relevant to the use of pharmaceutical products, services, and programs. The discipline frequently focuses on the cost (inputs) and consequence (outcomes) of the use of pharmaceuticals.

Clinical Outcomes Assessment (COA) includes Patient-Reported Outcomes, Clinician-Reported Outcomes, Performance Outcomes and Observer-Reported Outcomes. COA focuses on the value assigned to duration of life as modified by the impairment of physical, social, and psychological functional states, symptoms, satisfaction, perceptions, and opportunities influenced by disease, injury, treatment, or policy.

Patient-Level Real-World Data and Analytic Tools: Health Outcomes Research depends on the evolving and increasing use, and evaluation technologies, analyses and patient-level prospective databases (e.g. electronic medical records, health insurance claims data, registries, patient health-networks, patient health status monitoring) to assist in better understanding diseases and interventions

Analysis and terminology under the umbrella of health outcomes include:

- Biomarkers and Genetic Epidemiology
- Burden of Disease
- Clinical Outcomes Assessment
- Comparative Effectiveness Research
- Compliance/Adherence
- Cost-Benefit Analysis
- Cost-Effectiveness Analysis
- Cost Utility Analysis
- Health Services Research
- Health Technology Assessment
- Patient Engagement in Research
- Pharmacoepidemiology
- Real-World Data and Evidence
- Value Assessment