The award allowed me to hone my skills as a researcher and focus on my dissertation with the goal of translating evidence from randomized controlled trials to real world data in order to improve the health outcomes of youth diagnosed with depression.

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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.

The PhRMA Foundation offers competitive pre/post-doctoral fellowships and research starter grants in Drug Delivery, Drug Discovery, Health Outcomes Research and Translational Medicine.
Health Outcomes Research spans a broad spectrum of issues related to health-care delivery, from studies evaluating 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 and evaluate patient-centered outcomes to analyses of ways in which results of Health Outcomes Research are disseminated to providers or consumers to encourage behavior change.

Health Outcomes Research incorporates a variety of methods, data and tools from different disciplines including machine learning, simulations, and other analytical tools. The application of Health Outcomes Research principles in evaluating the design, delivery, safe use and effectiveness of pharmaceuticals includes but is not limited to the following general areas:

Pharmacoeconomics evaluates behavior of individuals, organizations, and markets concerning the use of pharmaceutical products, services and programs. The discipline frequently focuses on the costs (inputs) and consequences (outcomes) of pharmaceuticals use. Evaluations of novel therapies, such as cell and gene therapy, are strongly encouraged.

Health Care Economic Information is an analysis that identifies, measures, or describes the economic consequences, which may be based on the separate or aggregated clinical consequences of the represented health outcomes, of the use of a drug.

Clinical Outcomes Assessment (COA) includes Patient-Reported Outcomes, Clinician-Reported Outcomes, Performance Outcomes, Patient-Centered 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. Comparative effectiveness proposals of therapeutics and non-therapeutics are welcome.

Patient-Level Real-World Data and Analytic Tools: Health Outcomes Research depends on the evolving and increasing use, and evaluation of technologies, analyses and patient-level 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 Care Economic Information
- Health Services Research
- Health Technology Assessment
- Patient Engagement in Research
- Patient-Centered Outcomes
- Pharmacoepidemiology
- Pharmacoeconomics
- Real-World Data and Evidence
- Value Assessment

Note: To be considered eligible for an award, health outcomes research proposals should be directly or indirectly related to pharmaceutical interventions.