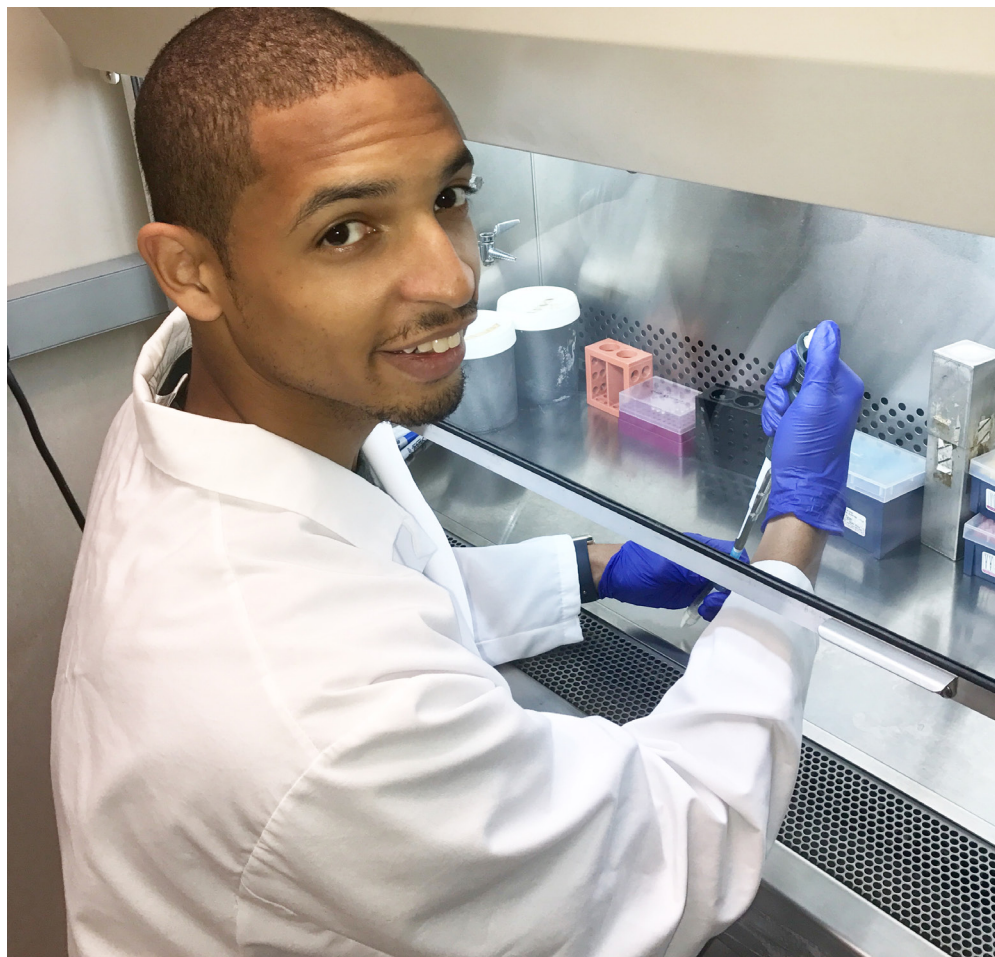




2020
RESEARCH FUNDING
OPPORTUNITIES

Pharmacology/Toxicology
Application Deadline
> September 1, 2019



“

PhRMA Foundation support has allowed me to explore how environmental chemicals affect melatonin receptor processes involved in the pathogenesis of obesity, type 2 diabetes, and other metabolic disorders.

”

Anthony Jones
State University of New York at Buffalo

Fellowships in > Pharmacology/Toxicology

- Pre Doctoral Fellowships
- Post Doctoral Fellowships
- Research Starter Grants

The PhRMA Foundation supports the research and early career endeavors of scientists in drug discovery and development

Application and award details at www.phrmafoundation.org



Left to right:

Timothy Baffi

University of California, San Diego

Elizabeth Mutter-Rottmayer

University of North Carolina, Chapel Hill

Thuy Hoang

Johns Hopkins University School of Medicine

> 2020 Awards in Pharmacology/Toxicology

The PhRMA Foundation funds scientists at critical points in their research careers to support and reward innovation in disciplines essential to the development of safe and effective medicines. The PhRMA Foundation offers competitive pre and post doctoral fellowships, sabbatical fellowships, and research starter grants to advance science in Clinical and Translational Pharmacology, Health Outcomes, Informatics, Pharmaceutics, Pharmacology/Toxicology, and Translational Medicine and Therapeutics.

For over 50 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.

> Area of Interest

Pharmacology/Toxicology awards support career development activities of scientists prepared to engage in research that integrates information on molecular or cellular mechanisms of action with information on the effects of an agent observed in an intact organism, either in experimental animal or clinical studies or both. The highest priority will be given to applications for research that attempts to integrate information on the mechanism of action of a drug or chemical at the molecular or cellular level with the drug effect observed in a human or laboratory animal. An applicant is expected to describe the significance of a hypothesis being tested in the context of potential influences of biochemical, physiological, behavioral, or social systems. The intent of these programs is to encourage training designed to bring the perspective of molecular, cell and systems biology to bear on research in pharmacology/toxicology. The scope of these programs includes basic studies of drug action, detection of cellular responses to drugs at the gene level that create opportunities to optimize individualized drug therapy, and the corresponding evaluation of pharmaceuticals in human and clinical populations. Research projects to extend or develop the proprietary value of specific drugs are not acceptable. This exclusion does not preclude research in which specific drug products are used to test hypotheses that have general applicability.

> General Information

Eligibility Criteria: All applicants have a firm commitment from an accredited U.S. school or university.

> Applications

All application components and requirements are listed at the Foundation's website at www.phrmafoundation.org. Online applications and required hardcopy materials must be completed and submitted by **September 1, 2019**. Applications will not be accepted after the deadline date. Visit our website for detailed information regarding: use and care of laboratory animals; ethical considerations; required reporting; termination; and other relevant information. All applicants will be notified no later than **December 15, 2019**. Application and award details at www.phrmafoundation.org

Pharmaceutical Research and Manufacturers of America Foundation
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