The PhRMA Foundation supports the research and early career endeavors of scientists in Drug Delivery, Drug Discovery, Health Outcomes and Translational Medicine.

Funding Opportunities in
> Translational Medicine

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

The PhRMA Foundation has provided funding during a critical period in my development as a clinical translational researcher that has facilitated further training in laboratory-based analytics and clinical trial management on the pathway to scientific independence.

Aileen Chang, MD, MSPH
George Washington University

Application and award details at www.phrmafoundation.org/awards/
Translational medicine is a discipline focused on bridging discoveries in experimental and computational research to their application in clinical practice. To be successful, this requires working with clinicians to first identify critical unmet clinical needs, including in areas of diagnostic medicine. Examples of research may include molecular and cellular biology, pathophysiology, systems biology, bioinformatics, modeling and simulation, and other quantitative sciences that connect basic biological concepts to unmet medical needs. Clinical observation should serve as the basis for hypothesis generation to further basic research and to efficiently advance research results to improve care and management of patients.

The goal of the PhRMA Foundation’s Translational Medicine Program is to promote the development of an integrative approach that addresses clinical needs in diagnosis, treatment and prevention using both experimental and computational methods. The Foundation believes that, towards this goal, it is critical that researchers collaborate with clinicians to identify critical unmet clinical needs. This can lead to an enhanced understanding of human biological and disease processes but requires a strong translational component that is bi-directional, i.e., starting from bedside to bench. This program will support such approaches to Translational Medicine.

Translation Medicine awards will advance training and support career development of scientists engaged in research that addresses clinician-defined problems and integrates innovative technologies with advanced biological, chemical, diagnostic, and pharmacological sciences and engineering methodologies in areas that include but are not limited to:

- Genetics (Molecular, Pharmaco-, Population, Medical)
- Genomics (Function, Structural, Toxico-, Pharmaco-, Comparative)
- Systems (Biology and Pharmacology)
- Pathways and Networks
- Integrative Biology
- Modeling and Simulation
- Target Identification and Validation
- Biomarker Discovery and Validation
- Vaccine Development
- Molecular Epidemiology
- Imaging
- Disease Modeling

For “program priorities” please visit the website. www.phrmafoundation.org/awards/