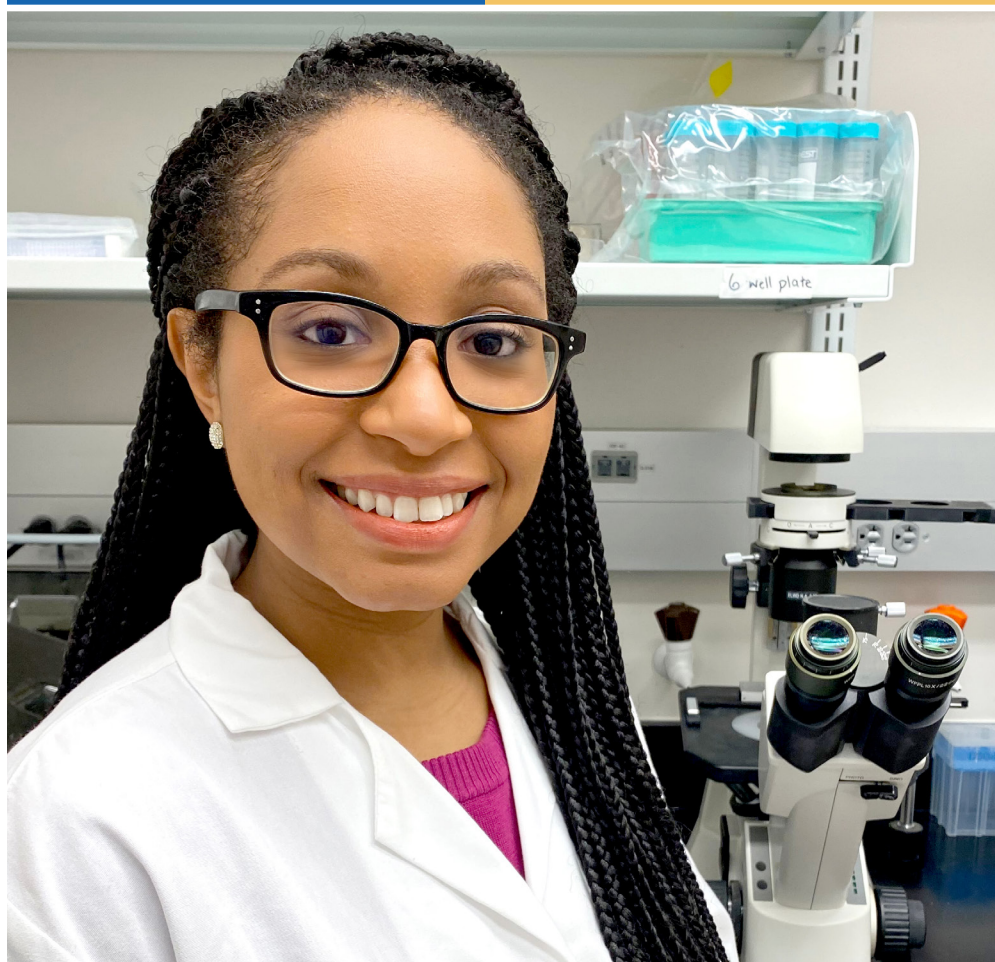




RESEARCH FUNDING  
OPPORTUNITIES

**Drug Delivery  
Letter of Intent Due  
> May 20, 2021**



“

It is an honor to receive the PhRMA Foundation fellowship and to be welcomed into a network of highly accomplished researchers. This award supports me in my goal of engineering novel and translatable drug carriers for the treatment of myocardial infarction.”

”

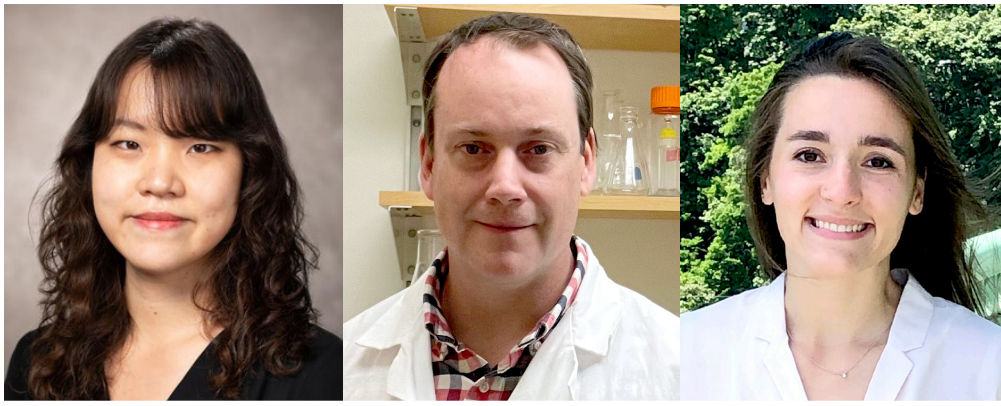
**Natalie Jasiewicz**  
The University of North Carolina at Chapel Hill  
2021 Predoctoral Award Recipient

## > Funding in Drug Delivery

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.*

Application and award details at [www.phrmafoundation.org](http://www.phrmafoundation.org)



## Meet Additional Awardees

Left to right:

**Young Hye Song, PhD**  
University of Arkansas

**David "Scott" Wilson, PhD**  
Johns Hopkins University School of Medicine

**Madeleine Landry**  
Oregon State University

## > 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 56 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

**Drug Delivery** strongly emphasizes the quantitative understanding and use of the principles underlying drug transport, route of administration, formulation composition, technology development and manufacturing/engineering aspects intended to improve drug product safety and efficacy, including patient compliance.

Drug delivery research falls into four broad categories—drugs, delivery vehicles and formulations, routes of delivery, and targeting strategies. Today's "drugs" include small molecules, peptides, proteins, antibodies, vaccines, oligonucleotides (gene modification), modified live cells (stem cells, CAR-T cells), bacteria (microbiome related) and viruses as delivery vectors. Developing vehicles and novel technologies is important for delivering increasingly complex drugs by alternate routes of administration. Of equal importance is the quantitative impact of drug molecular properties and formulation composition on the engineering factors and subsequent manufacturing processes.

## > General Information

### Eligibility Criteria

- All applicants must have a firm commitment from an accredited U.S. university or research institution.
- Applicants do not have to be U.S. citizens or U.S. residents.

## > Applications

### Two-Step Process

1. Submit a letter of intent due May 20, 2021. For details visit [www.phrmafoundation.org/awards](http://www.phrmafoundation.org/awards).
2. Those whose submissions are selected will be notified by July 1, 2021 and asked to complete a full application.

**For more information visit [www.phrmafoundation.org](http://www.phrmafoundation.org)**