

CHEMISTRY

Research Pathways

Undergraduate research is a cornerstone of our mission at Rutgers–Camden. Our goal is to provide as much support as possible in order for you to have a successful research experience. We offer research grants worth up to \$1,500.00, and travel grants of up to \$2,000.00. Travel grant applications are accepted on a rolling basis, while research grant applications are deadline-based: September 30, December 2, and April 28.

Chemistry majors are required to take 50:160:495, 496 Research in Chemistry in order to be engage in research. Additionally, for biology majors, your faculty recommend taking the following steps to ensure you are “research-ready”:

- Contact Dr. Alex Roche, the Undergraduate Program Coordinator, if you have any general questions about research, when to register, degree requirements, etc.
- Be sure to review the course syllabus for more detailed information about research opportunities.
- Visit the chemistry department website to view information about our faculty and the research in which they engage.

The faculty listed below are Research Mentors who encourage you to contact them to learn more about research opportunities:

Dr. Georgia Arbuckle-Keil, arbuckle@camden.rutgers.edu
Professor
(Microplastics, Art and Chemistry, Polymers, Vibrational Spectroscopy, and Thermal Analysis)

Dr. Michelle Carlin, michelle.g.carlin@rutgers.edu
Assistant Professor
(Forensic toxicology, paint analysis, forensic drug chemistry, mass spectrometry, spectroscopy, microscopy),

Dr. Jinglin Fu, jf604@camden.rutgers.edu
Associate Professor
(Nucleic Acids Technology, Biomaterials, Bio-nanotechnology, Molecular Sensing and Diagnosing),

Dr. Catherine Grgicak, c.grgicak@rutgers.edu
Associate Professor
(Forensic DNA Technology Research and Development, Data Analysis)

Dr. Guillaume Lamoureux, guillaume.lamoureux@rutgers.edu
Associate Professor
(Molecular modeling & recognition, enzyme catalysis, membrane transport computational biophysics, machine learning)

Dr. Alex Roche, alroche@camden.rutgers.edu
Associate Professor
(Organic Chemistry)

Dr. David Salas-De La Cruz, david.salas@camden.rutgers.edu
Associate Professor
(Study of the Structure, Morphology, Electrical and Physiochemical Properties of Natural Biomacromolecules)