

RESEARCH PATHWAYS

BIOLOGY

Undergraduate research is a cornerstone of our mission at Rutgers–Camden. Our goal is to provide as much support as possible for you to have a successful research experience.

Need funding for a research project or conference travel experience?



We encourage you to visit go.rutgers.edu/ug-grants to see what funding opportunities are available. Currently, you can receive up to \$500.00 to offset research expenses and conference travel expenses.

Looking for a research project?



If you know you want to get involved in research, but are unsure of where to start, visit go.rutgers.edu/curca-hub to view by subject area and keyword the different research projects seeking biology majors. Current projects listed on the hub include:

» "Large-scale genome analysis," with Dr. Andrey Grigoriev (agrigoriev@camden.rutgers.edu)

Unsure if you are research-ready?

Curricular Research Training Plan: take 50:120:199 Exploring Careers in Biology (Research Shadowing) and then the 17-credit course plan laid out in **Section B** of the course plan sheet (available at biology.camden.rutgers.edu).

Who are the faculty? What do they research? What are their interests?

- » Dr. Brian Corbett (brian.corbett@rutgers.edu): Stress Neuroscience; Systems Neuroscience; Epigenetics
- » Dr. Nathan Fried (nathan.fried@rutgers.edu): Neuroscience; Pain; Migraine; Opioid Epidemic; Biology Education Research
- » Dr. Anthony Geneva (anothony.geneva@rutgers.edu): Evolutionary Genomics; Adaptation; Speciation
- » Dr. Angélica González (angelica.gonzalez@rutgers.edu): Biodiversity; Ecological Stoichiometry; Functional Biogeography; Food Webs; Paleocology; Environmental Change
- » Dr. Andrey Grigoriev (agrigoriev@camden.rutgers.edu): Genome Organization; Evolution and Manifestation; Cancer
- » Dr. Eric Klein (eric.a.klein@rutgers.edu): Bacterial Pathogenesis and Cell Shape
- » Dr. Kwangwon Lee (kwang1@camden.rutgers.edu): Circadian Clock/ Light Regulation; Fungal Genetics; Fungal Ecology; Systems Biology
- » Dr. Jennifer Oberle (joberle@camden.rutgers.edu): Fungal and Microbial Biology; Trends in Evolutionary Ecology; Invertebrate Zoology
- » Ms. Tracie Paulson (traciep@camden.rutgers.edu): Biology Education
- » Dr. Xingyun Qi (xingyun.qi@rutgers.edu): Stomatal Development; Abiotic Stress; Plant Cell Biology
- » Ms. Charlene Sayers (cwsayers@camden.rutgers.edu): Anatomy and Physiology
- » Dr. Amy Savage (amy.savage@rutgers.edu): Consequences of Species Interactions; Urban Ecology; Resilience of Ecological Communities
- » Dr. Daniel Shain (dshain@camden.rutgers.edu): Annelid Development and Evolution
- » Dr. Maria Solesio Torregrosa (m.solesio@rutgers.edu): Mitochondrial Physiology and Dysfunction in Aging and Neurodegeneration
- » Dr. Nir Yakoby (yakoby@camden.rutgers.edu): Developmental Genetics; Evolution of Morphologies; Cell Signaling; Tissue Patterning