

Undergraduate Research at Duke: Biomedical & Natural Sciences

Research at Duke is organized by **Principle Investigators (PIs)**, faculty scientists who receive grants, direct labs, mentor post-docs, graduate students and undergraduates. There are over 500 active PIs in the biological and biomedical sciences at Duke, a Tier 1 research institution.

For a sampling of research at Duke, go to: research.duke.edu

Principle Investigators are organized in **Departments** which in turn are organized by **Schools**:

School of Arts & Sciences: Biology, Chemistry, Evolutionary Anthropology, Psychology & Neuroscience. Computer Science, Math, Physics, Statistics.

School of the Environment: Environmental Science, Marine Science, Earth & Ocean Sciences

School of Engineering: Biomedical Engineering, Civil & Environmental Engineering

School of Medicine: Biochemistry, Bioinformatics, Cell Biology, Immunology, Microbiology & Molecular Genetics, Neurobiology, Pharmacology & Cancer Biology. Medicine, Pathology, Ophthalmology, Surgery, etc.

For links to bioscience departments, go to: www.biology.duke.edu/undergrad/otherbiosci.html

Search the Medical Center Faculty Research Database: <https://faculty.duhs.duke.edu/faculty/search>

Get Involved in Research at Duke in three ways:

1. Volunteer & Work-Study positions are excellent starting points to get into a lab.

Contact PIs directly, or look for announcements on **DukeList**: dukelist.duke.edu

2. Independent Study deepens your research experience as part of your course work, perhaps leading to an honors thesis. Contact potential mentors directly. Ask your **instructor** if she or he is involved in research, or can refer you to someone that is. Contact the **Director of Undergraduate Studies (DUS)** for suggestions and use the resources on the departmental undergraduate pages:

www.biology.duke.edu/undergrad/independent/index.html

evolutionaryanthropology.duke.edu/undergraduate/undergraduate-research

dibs.duke.edu/education/undergraduate-neuroscience/academics/undergrad-research

www.chem.duke.edu/undergraduates/research

www.pratt.duke.edu/research/index.php

3. Summer Research Programs, either here at Duke or elsewhere. These programs are typically competitive, with applications due in January or February:

Howard Hughes Research Fellows for rising sophomores howardhughes.trinity.duke.edu/research/fellows

Howard Hughes VIP Program – Science across Scale howardhughes.trinity.duke.edu/research/vip

IGSP Summer Fellowship Program in genomics

www.genomics.duke.edu/education/undergraduate/fellowships

Rachel Carson & Bookhout Research Scholars at the Duke University Marine Lab

www.nicholas.duke.edu/marinelab/programs/undergraduate

PRUV Fellows in mathematics

www.math.duke.edu/vigre/pruv

Pratt Research Fellows for engineering students

www.pratt.duke.edu/pratt-research-fellow

Summer Research Opportunity Program for minority students

gradschool.duke.edu/gsa/srop

For more complete lists of programs, go to:

<http://www.biology.duke.edu/undergrad/fellowships.html>

<http://undergraduateresearch.duke.edu/opportunities>

Undergraduate Research Support Office: undergraduateresearch.duke.edu

Information on grants, assistantships, undergraduate research links, summer programs and more.

Undergraduate Research at Duke: Social Sciences & Humanities

Research at Duke is organized by **mentors**, faculty who receive grants, conduct research and direct collaborative projects.

For a sampling of research at Duke, go to: research.duke.edu

Principle Investigators are organized in **Departments** which in turn are organized by **Schools**:

School of Arts & Sciences: African & African American Studies, Art, Art History and Visual Studies, Asian & Middle Eastern Studies, Classical Studies, Cultural Anthropology, Dance, Economics, English, German, History, Literature, Music, Philosophy, Political Science, Psychology, Religion, Romance Studies, Slavic and Euroasian Studies, Sociology, Women's Studies, Theater Studies

School of Public Policy: Public Policy (note: the undergraduate major is in Trinity College)

School of the Environment: Environmental Science & Policy, Marine Science and Conservation

For links to the departments and faculty in Arts & Sciences: trinity.duke.edu/departments

For links to the departments and faculty in Public Policy: sanford.duke.edu

For links to the departments and faculty in Environment: www.env.duke.edu

Get Involved in Research at Duke in three ways:

1. Volunteer & Work-Study positions are excellent starting points. Working as a research assistant builds skills and contacts that can develop into a rewarding research experience.

Contact faculty directly, or look for announcements on **DukeList**: dukelist.duke.edu

2. Independent Study deepens your research experience as part of your course work, perhaps leading to an honors thesis. Contact potential mentors directly. Ask your **instructor** if she is involved in research, or can refer to someone that is. Contact the **Director of Undergraduate Studies (DUS)** for suggestions and use the resources on the departmental undergraduate pages. Here are a few from the social sciences:

- www.nicholas.duke.edu/people/undergrad/independent-study
- sanford.duke.edu/undergraduate/honors
- econ.duke.edu/undergraduate/undergraduate-research
- polisci.duke.edu/undergraduate/undergraduate-research
- psychandneuro.duke.edu/undergraduate/independentstudy
- globalhealth.duke.edu/dghi-fieldwork

3. Summer Research Programs, either here at Duke or elsewhere. These programs are typically competitive, with applications due in January or February. Intensive summer research programs are available in Psychology, Public Policy, Political Science, and Genome Science & Policy.

For more complete lists of programs, go to:

- <http://undergraduateresearch.duke.edu/opportunities>

Undergraduate Research Support Office: undergraduateresearch.duke.edu

Information on grants, assistantships, undergraduate research links, summer programs and more. Funding is available for individual research projects in all areas. In particular the following support is available through the URS Office:

- URS Independent Study grants, research assistantships, and travel grants
- Mellon Mays Undergraduate Fellowships
- Benenson Awards in the Arts
- Graduation with Distinction Awards for projects outside the major
- Dean's Summer Research Fellowships