

Undergraduate Program in Biology and Medicine

The UR is an ever-expanding top-tier research facility. As such, students need to create opportunities and take control of their careers by finding a faculty member who conducts non-clinical research within their area of interest who will agree to take them on as an independent research student.

Undergraduates should begin searching for a research mentor before the semester begins as faculty may decline to sponsor a course, especially if the request is submitted too late after the beginning of classes.

Some students start their investigations by connecting with faculty in the courses they enjoy or by contacting the advisor of their intended major. While others network with faculty and peers, who are already researching in their area of interest or by searching the UR website and reading up on faculty research profiles. The key is to maintain professionalism and thoughtful persistence in all communications attempts with faculty (see sample email on back).

Please note that faculty who instruct 395 courses must be members of the U of R “full-time teaching faculty” and are willing to take on 395 students. Members of the “Research faculty” may also instruct 395 courses; however, they must do so under the supervision of their department chair. In some cases department chairs may approve research faculty to supervise independent research courses; however, special arrangements must be made directly with the College Center for Advising Services (CCAS).

Another starting point for students is by developing a professional rapport with faculty by taking on technical positions through student employment or on a voluntary basis. However, please note students may not receive financial compensation and credit for the same research should the faculty agree to instruct a 395 course.

These are a few of many ways students find research mentors. The key is to self-start, do well in academics, and be on the lookout for summer research opportunities as well as developmental programs and workshops offered periodically through the Office of Undergraduate Research and Carlson Science and Engineering Library. Below are a few resources to help students get started.

UR Departmental Faculty Research Profiles

Biochemistry and Biophysics: <https://www.urmc.rochester.edu/biochemistry-biophysics/people/faculty.aspx>

Biology: <http://www.sas.rochester.edu/bio/people/faculty/>

Microbiology and Immunology:

<https://www.urmc.rochester.edu/microbiology-immunology/prospective-students/our-team.aspx>

Neuroscience: <https://www.urmc.rochester.edu/neuroscience/people/faculty.aspx>

Pathology and Laboratory Medicine: <https://www.urmc.rochester.edu/pathology-labs.aspx>

Pharmacology and Physiology: www.urmc.rochester.edu/pharmacology-physiology/faculty.cfm

UR Medical Center (URMC) Faculty Lists: www.urmc.rochester.edu/people/Roster.aspx

Other Resources

Carlson Science and Engineering Library: <https://www.library.rochester.edu/carlson/home>

Office of Undergraduate Research <http://www.rochester.edu/college/ugresearch/index.html>

Undergraduate Program in Biology and Medicine (UPBM)

<http://www.sas.rochester.edu/bio/undergraduate/index.html>

•Independent Research Requirements / Registration:

<http://www.sas.rochester.edu/bio/undergraduate/research/independent/index.html#registration-requirements>

•de Kiewiet Summer Fellowship: <http://www.sas.rochester.edu/bio/undergraduate/research/deKiewiet/index.html>

•E-newsletter (check out opportunities section) <http://www.sas.rochester.edu/bio/undergraduate/e-news.html>

North Eastern University Web Guru Guide for Undergraduate Research:

<http://www.webguru.neu.edu>