UNIVERSITY OF MASSACHUSETTS AMHERST

The flagship campus of the Commonwealth’s University System, the University of Massachusetts Amherst is a major research institution that offers outstanding faculty, state-of-the-art research facilities, and nationally recognized research centers.

Located on 1,450 acres in the scientific Pioneer Valley of Western Massachusetts, the campus provides a rich cultural environment in a rural setting and it's only one and a half hours from Boston and three hours from New York City.

The Five College consortium, of which the university is a member, provides a wealth of cultural and academic events.

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Postbaccalaureate Research Education Program

Preparing students for graduate education and careers in biomedical research

~NIGMS
WHAT IS PREP?
Postbaccalaureate Research Education Program (PREP) awards encourage students of underrepresented groups who hold recent baccalaureate degrees to pursue doctorates in biomedical sciences. PREP participants work as apprentice scientists in laboratories and participate in professional development activities.
PREP is a one-year internship with the goal of strengthening research skills and academic competitiveness of participants for pursuit of a graduate degree.

WHAT DO WE DO?
The UMass PREP program is unique in that it focuses on using interdisciplinary approaches to answer important scientific questions in fields such as:
- Bioinformatics
- Biological Chemistry
- Biophysics
- Cell biology
- Cellular Engineering
- Computational biology
- Developmental biology
- Genetics
- Microbiology
- Neurobiology
- Physiology

HOW DO WE DO IT?
PREP is funded by a grant from the National Institute of General Medical Sciences (NIGMS) to PREP Faculty Core Coordinators: Drs. Surita Bhatia (Engineering), Sandra Petersen (Life Sciences) and Lynmarie Thompson (Chemistry).

WHO SHOULD APPLY?
You are an ideal candidate if you:
- Are seriously considering pursuing a biomedical Ph.D. degree
- Have received your baccalaureate degree within the last 36 months
- Are a US citizen or permanent resident
- Are from an underrepresented group