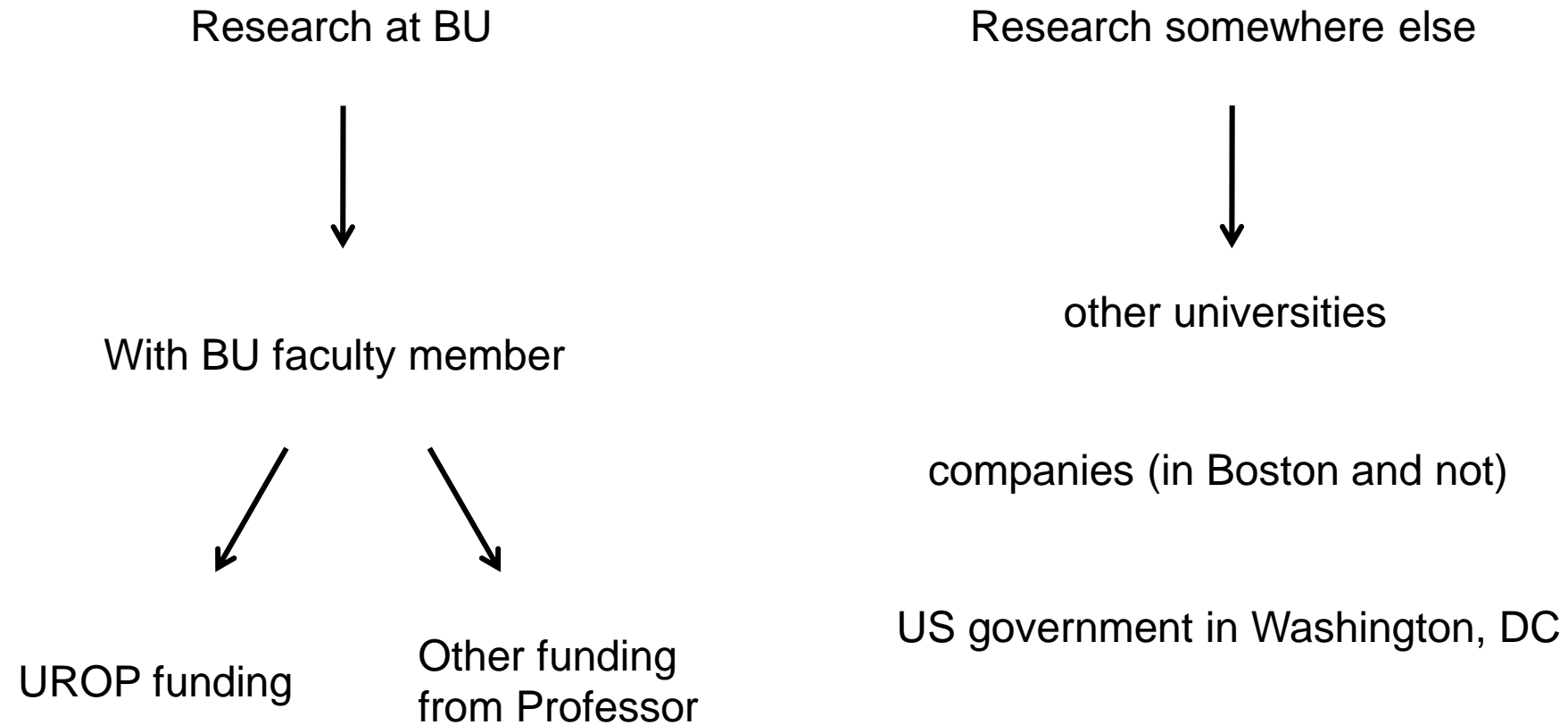


Undergraduate Research



With BU faculty member

Step 1: Inform yourself about opportunities

- read website of department and faculty members

- ask your TFs, particularly graduate students

- ask your professors

Step 2: Find out about opportunities in a particular group

- email TFs or professors individually with your interest

- offer to send CV, transcript, and names of references

Step 3: If there is interest in you, offer to apply for UROP funding

- <http://www.bu.edu/urop/> (summer deadline already past)

- Ask about other options for funding (will vary)

Research somewhere else

National Science Foundation –
Research Experiences for Undergraduates (REU)

http://www.nsf.gov/crssprgm/reu/reu_search.cfm

[Astronomical Sciences](#)

[Atmospheric and Geospace Sciences](#)

[Biological Sciences](#)

[Chemistry](#)

[Computer and Information Science
and Engineering](#)

[Cyberinfrastructure](#)

[Department of Defense \(DoD\)](#)

[Earth Sciences](#)

[Education and Human Resources](#)

[Engineering](#)

[Ethics and Values Studies](#)

[International Science and Engineering](#)

[Materials Research](#)

[Mathematical Sciences](#)

[Ocean Sciences](#)

[Physics](#)

[Polar Programs](#)

[Social, Behavioral, and Economic](#)

[Sciences](#)

- Check individual institutions for deadline dates
- Consider less “cool” places to go which will receive fewer applications

Research somewhere else (con'd)

National Institutes of Health

<https://www.training.nih.gov/programs>

[OD](#)

[NCI](#) = National
Cancer Institute

[NEI](#)

[NHLBI](#) = National
Heart, Lung, and Blood
Institute

[NHGRI](#)

[NIA](#)

[NIAAA](#)

[NIAID](#)

[NIAMS](#)

[NIBIB](#)

[NICHD](#)

[NIDCD](#)

[NIDCR](#)

[NIDDK](#)

[NIDA](#)

[NIEHS](#)

[NIGMS](#)

[NIMH](#)

[NIMHD](#)

[NINDS](#)

[NINR](#)

[NLM](#)

[CIT](#)

[CSR](#)

[FIC](#)

[NCCAM](#)

[NCRR](#)

[CC](#)

Undergraduate Scholarship Program (UGSP)

Summer Internship Program (SIP)

http://www.ninds.nih.gov/jobs_and_training/summer/

Summer Program in the Neurological Sciences and Other
Neuroscience Research Training and Funding
Opportunities

Research somewhere else (con'd)

Other Summer Programs at the NIH

https://www.training.nih.gov/other_summer_programs_at_the_nih

[Biomedical Engineering Summer Internship Program \(BESIP\)](#)

[Introduction to Cancer Research Careers \(ICRC\)](#)

[Werner H. Kirsten Student Intern Program \(Frederick, MD\)](#)

[Cancer Research Interns \(CRI\) Summer Program](#)

[Summer Internship Program in Biomedical Research for Veterinary Medical Students](#)

[Diversity in Vision Research & Ophthalmology \(DIVRO\)](#)

[NIDDK Office of Minority Health Research Coordination \(OMHRC\) Summer Internship Program](#)

[NIDCR Summer Dental Student Award](#)

[Office of Research Facilities Summer Intern Program](#) (opportunities in trades, architecture, and physical sciences)

[Recruitment and Training for Under-represented Populations \(RTURP\) Program](#) (NIDA, Baltimore, MD)

Research somewhere else (con'd)

Department of Defense REU – ASSURE
(Awards to Stimulate and Support
Undergraduate Research Education)

http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10023

Ask around:

- more senior undergraduates, TFs and other graduate students
- family, friends who are PhD scientists employed somewhere
- Google search on “summer research internship”
- contact local Boston companies (find via LinkedIn)

General Points

- Rising juniors are most desirable, then seniors, then sophomores
- Don't plan on taking a class and doing research, if at all possible
- This is a BIG opportunity for you so if you get a spot, throw yourself into it.
- Regardless of your grades, you are a newbie researcher and the more senior members in the lab deserve your respect.
- Do even the most menial tasks well and be a team player.
- Most undergraduates don't get a publication in 10 weeks.
- Undergraduates can get publications in 1-2 years. The more you work like a graduate student, the more you will publish like a graduate student.
- Maintain good communication with the professor (PI = principal investigator) and don't burn any bridges.