Undergraduate Research at UR



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Association of American Colleges and Universities



- 1. <u>Undergraduate Research</u>
- 2. Capstone Courses and Projects
- **3. Collaborative Assignments and Projects**
- 4. ePortfolios
- **5. Learning Communities**
- **6.** First-Year Seminars and Experiences
- 7. Common Intellectual Experiences
- 8. Writing-Intensive Courses
- 9. Diversity/Global Learning
- **10. Service Learning, Community-Based Learning**

High-Impact Educational Practices





Undergraduate research is an investigation conducted by an undergraduate that makes an original intellectual or creative contribution to a discipline.

- Any discipline
- Usually outside the classroom under mentorship of faculty
- Paid, volunteer or for-credit
- Academic year or summer
- Flexible duration and time commitment
- No experience necessary
- At an internal or an external institution

Table 1. Recipients of nationally competitive undergraduate fellowships					
	Undergraduate Enrollment (2019)	Fulbright Scholars (2013-21)	Goldwater Scholars (2013-21)	NSF GRFP (2013-21)	
University of Rochester	6,546	82	16	28	
Emory University	8,079	82	16	16	
New York University	26,981	95	2	13	
Carnegie Mellon University	6,896	55	16	35	
Washington University	7,675	57	19	42	
Vanderbilt University	7,057	94	15	33	

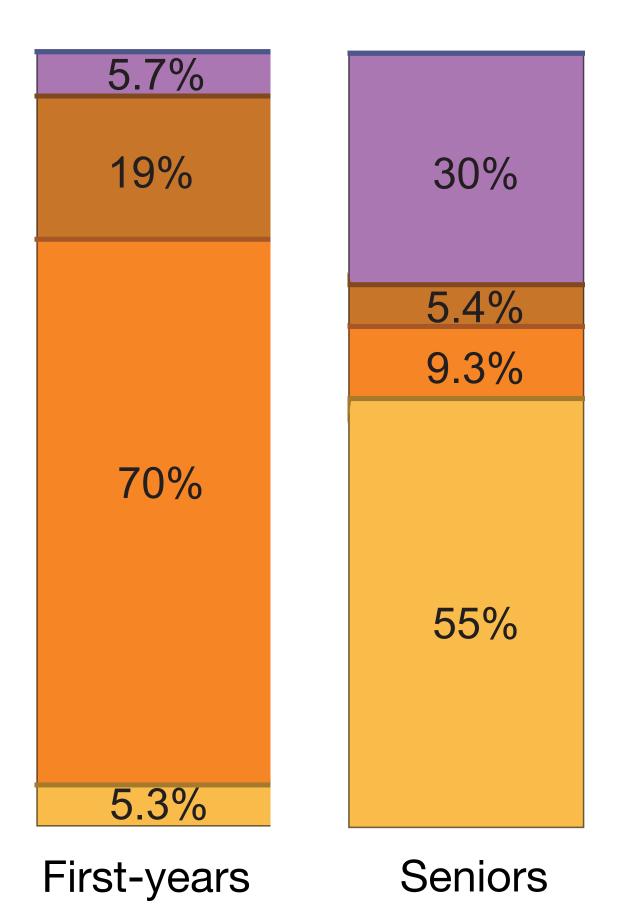
Undergraduate Research Participation at the University of Rochester

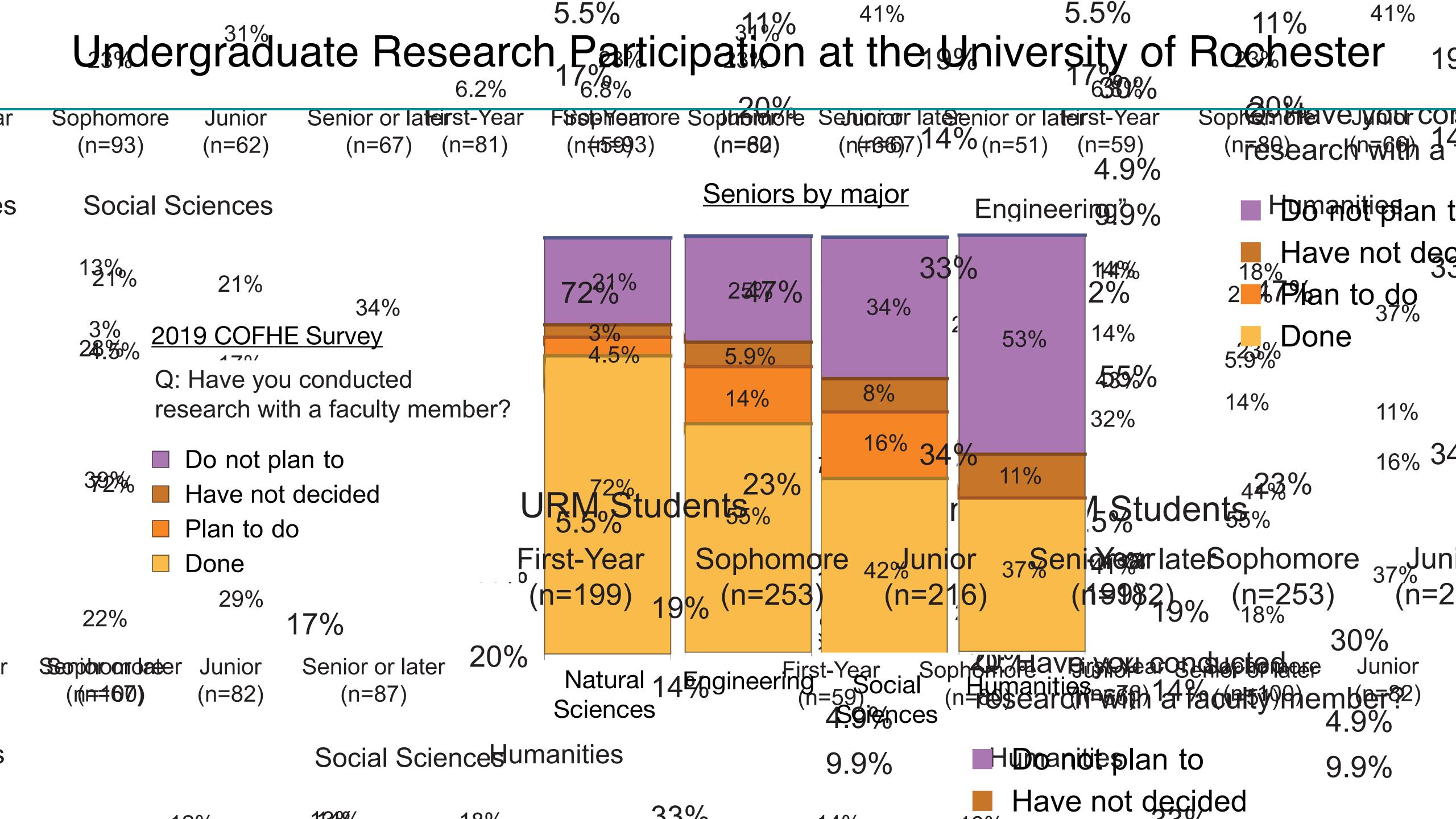
2019 COFHE Survey

Q: Have you conducted research with a faculty member?

- Do not plan to
- Have not decided
- Plan to do

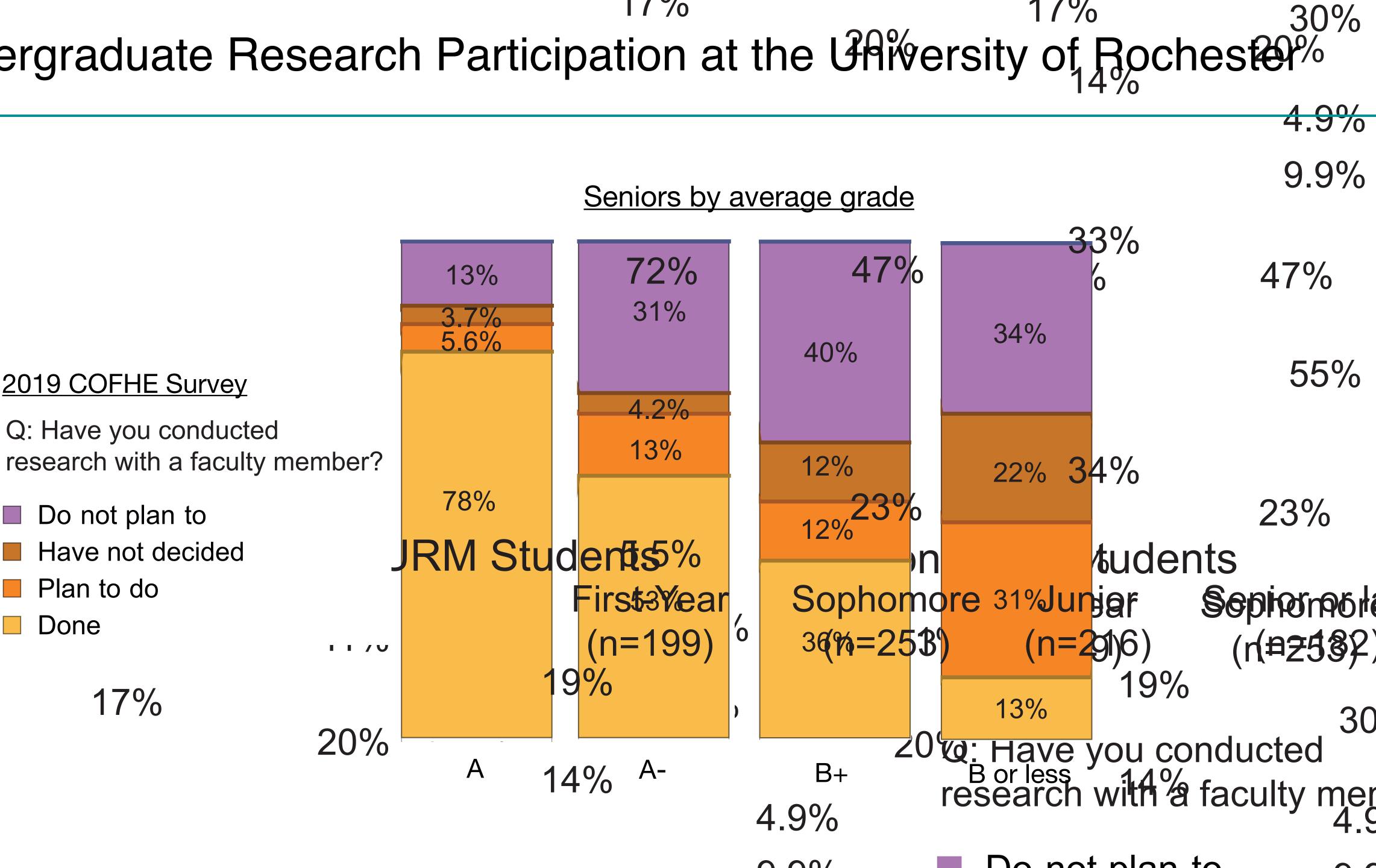
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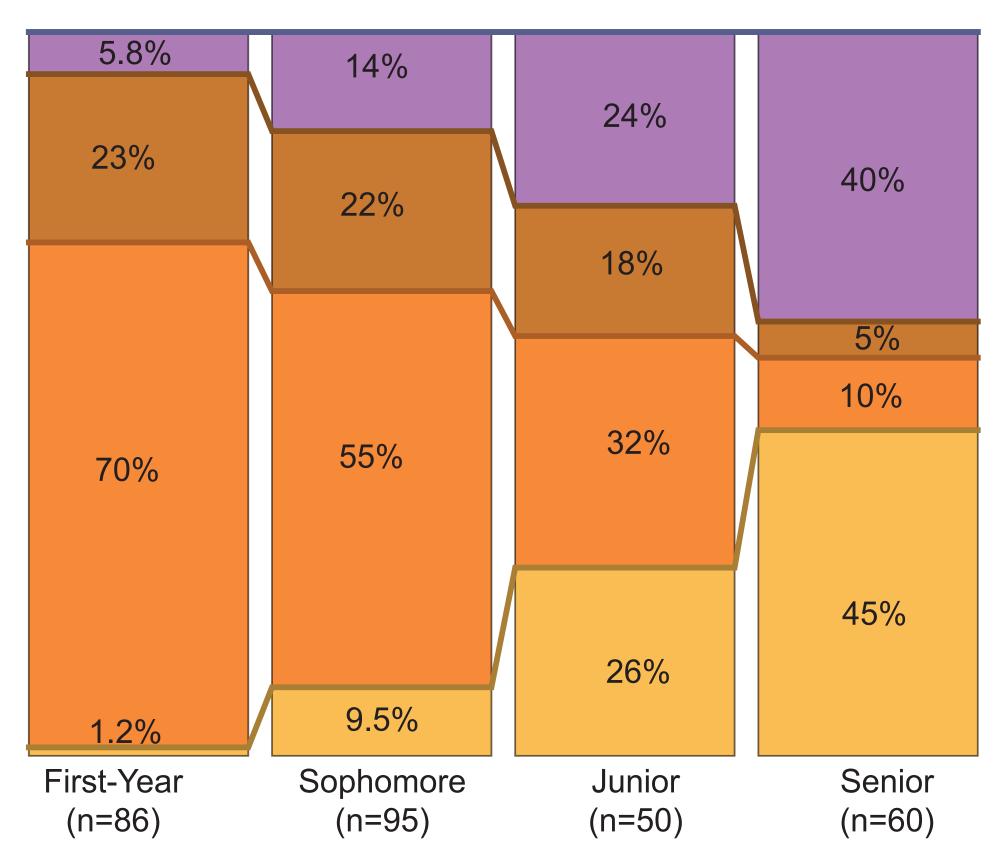
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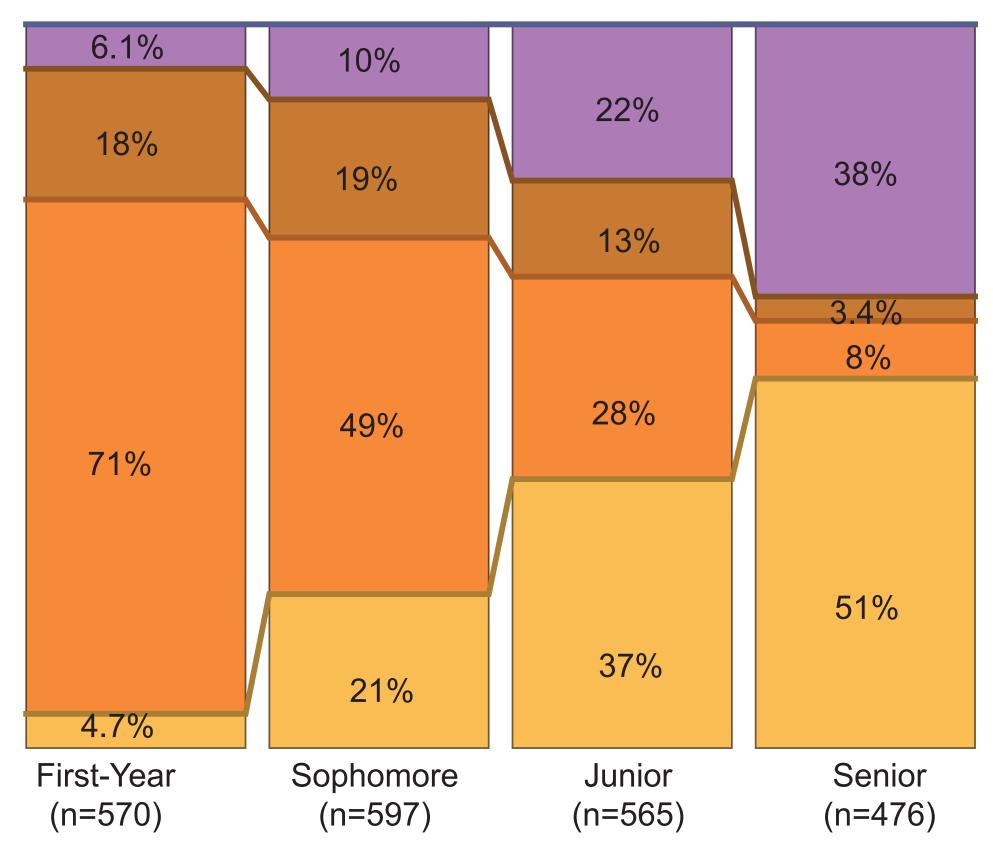


Research participation by URM students

URM Students







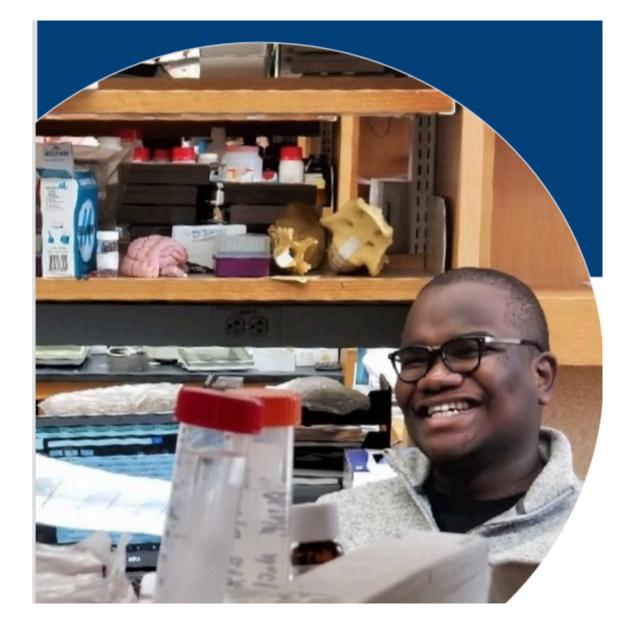
Office of Undergraduate Research (UGR) at UR

Sina Ghaemmaghami Director

Ann Robinson Office Administrator

Maureen Gabalski Assistant Office Administrator

https://www.rochester.edu/college/ugresearch/



Mission Statement

- To facilitate and strengthen undergraduate research programs across all disciplines at UR.
- To increase opportunities and reduce barriers for undergraduate research.
- To promote and recognize undergraduate research accomplishments and undergraduate research mentorship.

Activities and Programs

- Funding for undergraduate research experiences
 - Discover Grant (summer research funding) *
 - FLARE (funding for faculty to create undergraduate research programs)
 - RPA (funding for attending conferences)
 - **RIG/HRIG** (research funding given by Admissions to select students)
 - Meliora Scholars (research funding for independent research in the Humanities)
- Venues for students to present their research
 - Research Expo (undergraduate research presentations held in April)
 - Journal of Undergraduate Research (research journal for undergraduates)

Office of Undergraduate Research (UGR)

Office of Undergraduate Research (UGR)

Activities and Programs

Helping students identify research opportunities

- AURA (website listing current undergraduate research opportunities)
- Research Fair (discipline-specific information about getting started in undergraduate research held in October)
- One-on-one advising
- Website listings of fellowships and research programs
- Providing advice to faculty regarding undergraduate research
- Promoting undergraduate research on campus
 - Orientation events
 - Workshops

 - Meeting with potential donors • Social media (Facebook, Twitter, Instagram)



- Funding for mentored summer research experiences
- \$5,000 given as a stipend to student
- Application submitted by both student and mentor and includes research and mentorship statements
- ~180 applicants
- Approximately 33% success rate
- Applicants need to produce a written report or present their research at the Research Expo

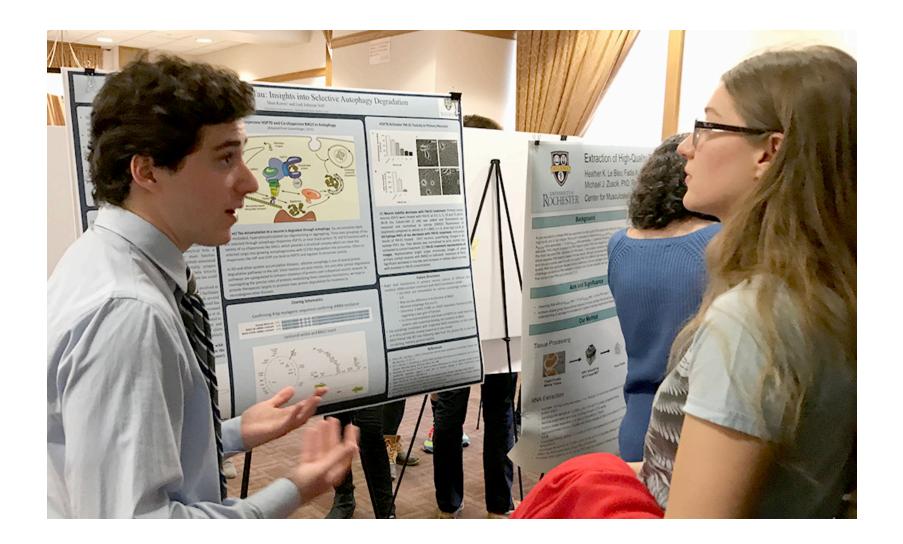
Research Fair

- Held in the beginning of Fall semester
- Provides an opportunity for departments to share undergraduate research opportunities with students
- Attended by 400+ students & 40 departments and programs



Research Expo

- Research presentations (posters and talks) by more than 120 students across disciplines. Held in April.
- In-person poster session are typically attended by 250-400 visitors, and the average audience numbers for research talks are 30-70



THE DAVID T. KEARNS CENTER FOR LEADERSHIP AND DIVERSITY IN ARTS, SCIENCES & ENGINEERING

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ARTS, SCIENCES & ENGINEERING

Student Fellowships Office

About Us 🗸

Fellowship Opportunities

SECTION NAVIGATION	Home / Fellowship Op
Overview	Overview
First-Years & Sophomores	Overview
Juniors (current and rising)	Getting Sta
sumors (current and rising,	Step 1: Review the f
Senior Year & Beyond	on the navigation m
-	Step 2: Submit a Pr
Fulbright Competition	about your academi
	Step 3: Come see u
FAQ	you might be a good
	appointment details
Searchable Databases	Step 4: Start workin

- competition awards.
- academic standing.

Fellowship Opportunities V Preparing Your Submission V Deadlines V News & Events V

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rted on Your Fellowships Quest

fellowships opportunities listed under your class year nenu or join us for an **information session**.

ospective Applicant Form so we can learn more ic and career interests.

us to discuss your profile and opportunities for which d match! See our **contact page** for walk-in hours and

ng on your application.

· For awards requiring a University of Rochester endorsement, you will need to complete and submit the Fellowships Preliminary Questionnaire (FPQ). You may also want to complete the FPQ if you want

to work with the director of fellowships on other highly selective open-

 Already submitted an FPQ? If it has been more than one academic year since you completed your FPQ, please submit the FPQ Update. Please be advised that before we nominate you or endorse your

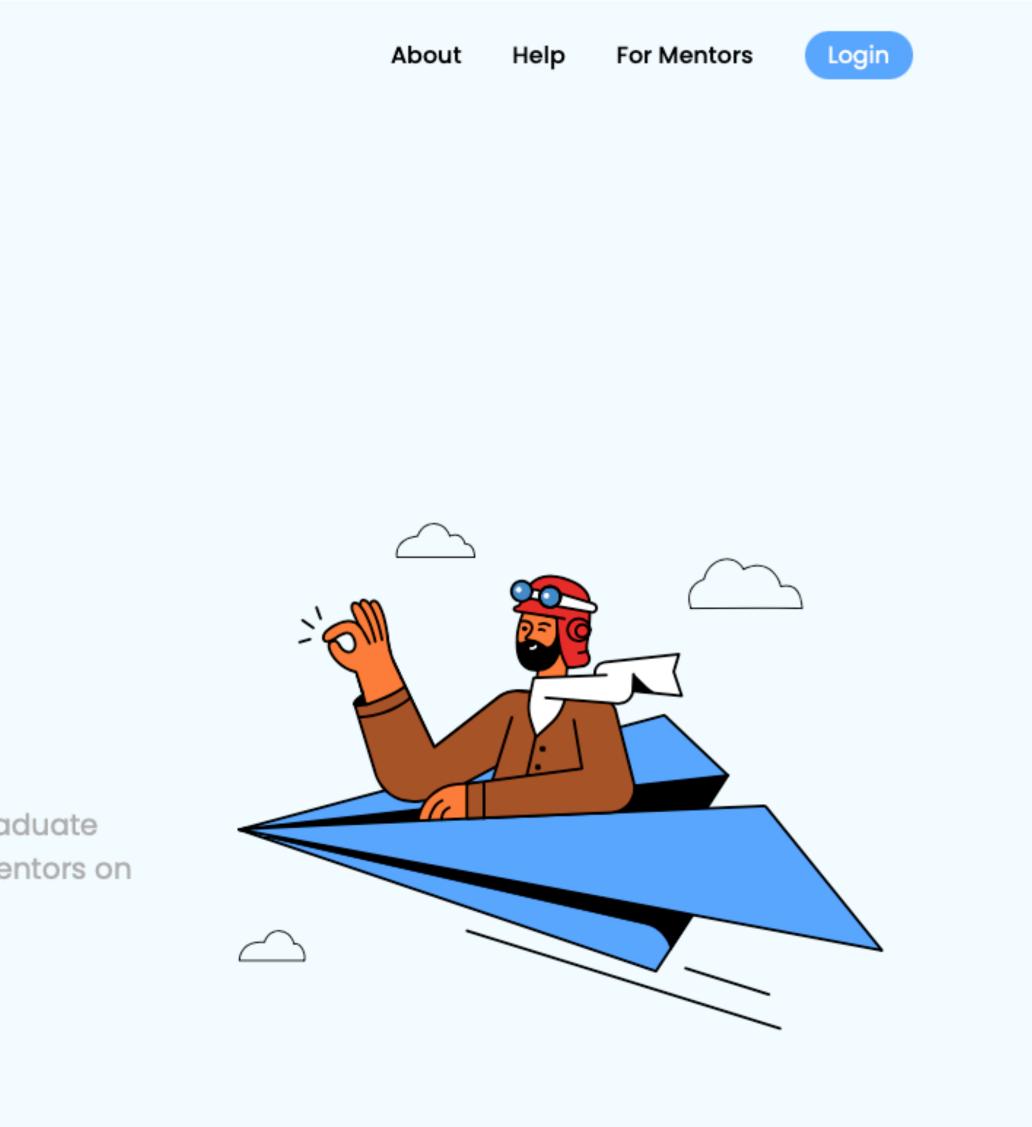
candidacy for a fellowship competition, we will perform a conduct and academic honesty check to confirm that you are in good disciplinary and



Let's find undergraduate research, together

AURA makes research more accessible to undergraduate students by facilitating connections to research mentors on their college campus.

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https://aura.its.rochester.edu/

