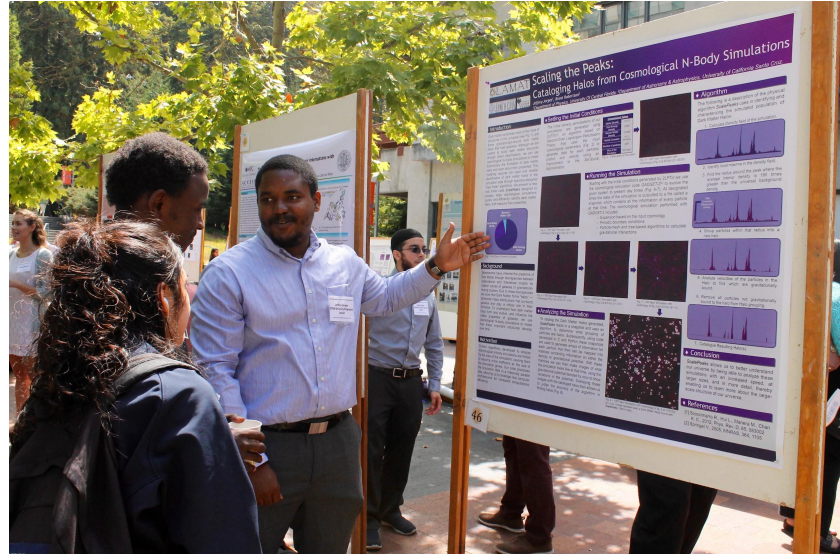


# Undergraduate Research At UCSC



**Field Research**



**Research Symposium**

**Summer 2023**

**Don Bard**

**Coordinator of Honors and Research Opportunities**

# Who, What, Where



Donald G. Bard

Undergraduate Honors and Research  
Opportunities Coordinator



➤ I Help Students Explore Research Options

➤ Contact Me

- Email: [ur\\_hnrs@ucsc.edu](mailto:ur_hnrs@ucsc.edu)
- Advising Appts: [slugsuccess.ucsc.edu](https://slugsuccess.ucsc.edu)

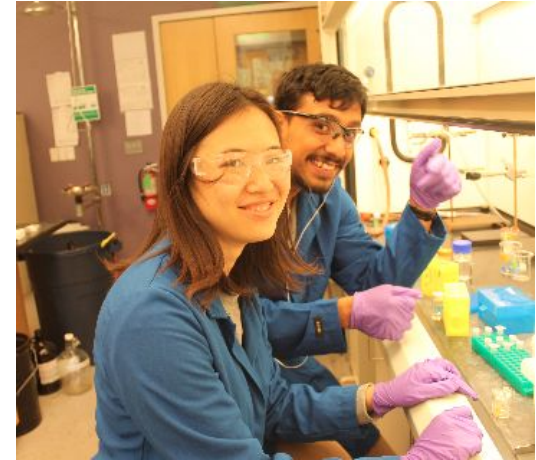
➤ Website Resources

- [ugr.ue.ucsc.edu](https://ugr.ue.ucsc.edu)
- [ucsc.edu/research](https://ucsc.edu/research)
- [ucsc.joinhandshake.com](https://ucsc.joinhandshake.com)

Office of Campus  
Advising Coordination  
Division of  
Undergraduate Education

# Undergraduate Research

- Any new contribution to an academic field done by an undergrad
- Hands-on experience
  - Plan and complete a project: design it, gather data, analyze the data, and present your findings
- Work with a mentor
  - Faculty, Post-Doc, or Grad student



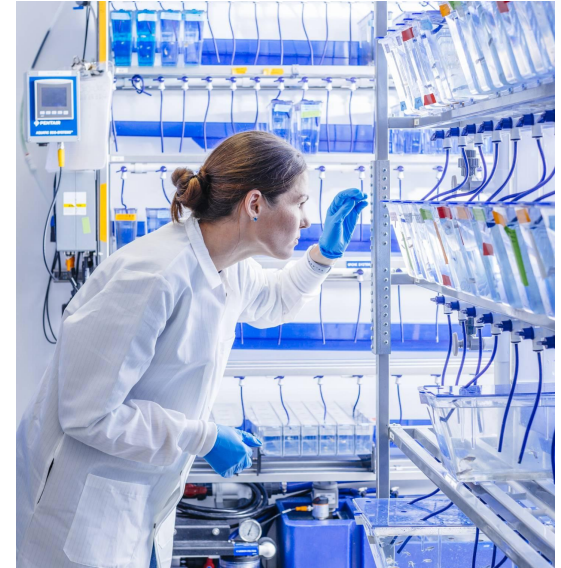
*Student research in the Arts Division is supported each year by the Irwin Scholarships, support that culminates in a popular exhibition in the Sesnon Gallery.*

**Exciting and Challenging**



# Why Do Research?

- Build connections
- Increase self-value
- Have strong letters of recommendation
- Increase sense of belonging
- Improve future opportunities



# Research Options at UCSC

- **Research with a Mentor**
  - Connect with your faculty and or grad student TAs
- **Participate in a Research Program**
  - Check out [ugr.ucsc.edu](http://ugr.ucsc.edu)
  - STEM Diversity programs, HSI Initiatives, Research Mentoring Institute, STEPS institute, SURF-IT, UC Leads, and more
- **Take Research Classes**
  - Class and/or seminar, Thesis research, Independent Study
- **Find Research Jobs/Internships**
  - Access HandShake (Career Success)
  - ENVS Internship office



# Getting Started: Strategies

## 1. Make an Advising Appointment

- w/ Don Bard through Slug Success
- Id your field of interest
- Create a strategic plan

## 2. Build Relationships

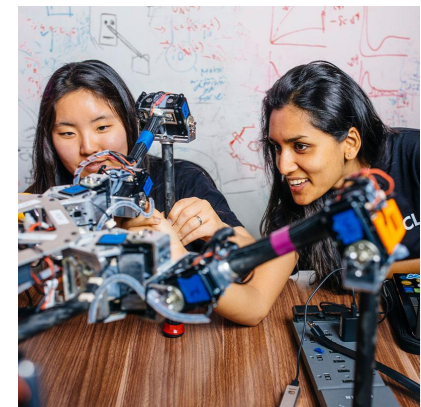
- Talk with your instructors
- Talk with your TAs
- Id department faculty

## 3. Begin Early

- Start this Fall
- Set weekly and quarterly goals
- Meet your major advisor re options

## 4. Do Some Background Research

- Research Opps site, UCSC Research site, Dept sites, Course Catalog, College sites, and HandShake





# The Research Opportunities Website

<https://ugr.ue.ucsc.edu/>



## UNDERGRADUATE RESEARCH OPPORTUNITIES

OVERVIEW

FOR STUDENTS

FOR MENTORS

DATABASE

CALENDAR

CONTACT



### INFORMATION BY DIVISION

Arts

Engineering

Humanities

Physical & Biological Sciences

Social Sciences

### EVENTS

- Hugo Mora-Torres: Resume Workshop  
Friday, January 9, 12:00 PM to 1:00 PM
- Hawaii International Conference on Arts and Humanities  
Saturday, January 10, 9:00 AM to Tuesday, January 13, 9:00 PM
- Corporate Sponsors Recruiting Fair  
Wednesday, January 14, 4:00 PM to 7:00 PM

### APPLICATION DATES

#### Mid to Late January

- RISE due 1/15
- Hitchcock Memorial Poetry Prize due 1/15
- DOE Scholar due 1/15
- Summer Internships in Parallel Computational Science (SiParCS) due 1/16
- Summer Institute in Biomedical Optics due 1/17

# The UCSC Research Website

UC SANTA CRUZ

<https://www.ucsc.edu/research>

About Admissions Academics Research Campus Life Visit UCSC Information for ▼

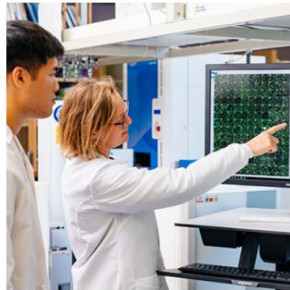
## Research

Creating knowledge, making real change. Discoveries happen here, and you can be part of them.



### Research impact

When you enroll at UC Santa Cruz, the world becomes your lab.



### Research programs

What are you interested in? Find your activity or research group and get started.



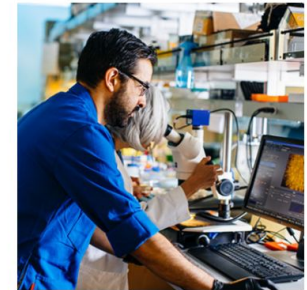
### News about research

Read the latest on research from every department.



### Inquiry magazine

[inquiry@UC Santa Cruz](mailto:inquiry@UC Santa Cruz), our research magazine, is produced by alumni of the UCSC Science Communication Program.



### Office of Research

Supporting, fostering, and championing world-class research and academic excellence.



# A UCSC Department Website

## PSYCHOLOGY

[psychology.ucsc.edu](https://psychology.ucsc.edu)

[About](#) [Undergraduate](#) [Graduate](#) [Faculty](#) [Courses](#) [Support Us](#)

### NEW STUDENT INFORMATION

Welcome Frosh and Transfer Slugs!

Review the 2023 Orientation Schedule,  
Events, and Deadlines for incoming  
Psychology & Cognitive Science Students!



# UCSC Catalog - Research Courses

[catalog.ucsc.edu](https://catalog.ucsc.edu)

## MOLECULAR, CELL & DEVELOPMENTAL BIOLOGY

[About](#) [Academics](#) [Research](#) [Faculty](#) [News & Events](#) [Support Us](#)

[Academics](#)

[Undergraduate Programs](#)

[Graduate Programs](#)

[Courses](#)

- [Course Catalog](#)
- [Class Schedule](#)
- [Curriculum Plan 2023-2024](#)
- [Curriculum Plan 2022-2023](#)
- [Curriculum Plan 2021-2022](#)
- [Curriculum Plan 2020-2021](#)
- [Graduate Courses](#)

[Academic Calendar](#)

[Home](#) / [Academic Programs](#) / [Courses](#) / [Course Catalog](#)

### Course Catalog

Search Dept Courses

View titles & course descriptions for department course offerings

*Click a course's title to read its description.* [View All](#) [Collapse All](#)

Course #	Course Title	Course Level	Units
BIOL 15	<a href="#">Undergraduate Research Reports</a>	Lower Division	1 Units
BIOL 86	<a href="#">Research Deconstruction: MCD Biology</a>	Lower Division	3 Units
BIOL 100K	<a href="#">Introduction To Laboratory Research</a>	Upper Division	2 Units
BIOL 102J	<a href="#">Toxic RNA Lab I</a>	Upper Division	5 Units
BIOL 102L	<a href="#">Toxic RNA Lab II</a>	Upper Division	5 Units
BIOL 103L	<a href="#">Toxic RNA Lab III</a>	Upper Division	5 Units
BIOL 107J	<a href="#">Synthetic Gene Regulation Lab I</a>	Upper Division	5 Units
BIOL 107L	<a href="#">Synthetic Gene Regulation Lab II</a>	Upper Division	5 Units
BIOL 108L	<a href="#">Synthetic Gene Regulation Lab III</a>	Upper Division	5 Units
BIOL 121L	<a href="#">Environmental Phage Biology Laboratory</a>	Upper Division	5 Units

# A UCSC College Website

## JOHN R. LEWIS COLLEGE

[johnrlewis.ucsc.edu](http://johnrlewis.ucsc.edu)

[About](#) [Academics](#) [Advising](#) [Residential Life](#) [CoCurricular](#) [\(H\)ACER](#) [Find Your Community](#) [Families](#)

[Academics](#)

[Partnership with Social Sciences](#)

[Distinction Pathways](#)

[Student Project Funds](#)

[Home](#) / [Academics](#) / Student Project Funds

## Student Project Funds 2022 - 23

There is a modest fund to support undergraduate student projects this year. Both individual and collective efforts are encouraged. Assistance will be considered in the following areas:

1. Academic research.
2. Creative initiatives.
3. Artistic endeavors.
4. Public events of benefit to one or more colleges or to the campus community.

Funding for individual projects can be matching, partial, or full, depending on merit, funds available, and other funding sources.

Proposals will be accepted only from registered undergraduate College Nine or John R. Lewis College students, and will be judged competitively in terms of merit. In making awards, efforts will be made to maximize the number of students who may benefit from these limited funds. Additionally, the extent to which a project will benefit a college or the University community will be considered. Awards will be granted quarterly.



# UCSC HandShake

[careers.ucsc.edu](https://careers.ucsc.edu)

## CAREER SUCCESS

[Students](#) [Grad Students](#) [Employers](#) [Faculty & Staff](#) [Alumni](#) [About Us](#)

**Attention Students!**

# Find Student Employment Opportunities on Handshake!

Handshake is now your one-stop shop for on-campus jobs, off-campus jobs, internships, and experiential learning opportunities.

Login now!



handshake

QUICK LINKS

WORKSHOPS & EVENTS

MEET OUR PARTNERS

# Questions / More Info

## Don Bard: Undergraduate Research Opportunities



Donald G. Bard

Undergraduate Honors and Research  
Opportunities Coordinator

- **Contact Me**
  - [ur\\_hnrs@ucsc.edu](mailto:ur_hnrs@ucsc.edu)
  - Virtual appointments through Slug Success
- **Website Resources**
  - [www.ucsc.edu/research](http://www.ucsc.edu/research)
  - [ugr.ucsc.edu](http://ugr.ucsc.edu)