



Monthly updates from OUR team to yours!

NOVEMBER 2021



CONGRATULATIONS!

The Office of Undergraduate Research is delighted to announce our Summer Program for Undergraduate Research (SPUR) 2022 faculty mentors.

We encourage OUR community to share this opportunity with undergraduate researchers! Student applications are open from November 5, 2021 to January 30, 2022.

William Anderegg, Science

Forest resilience: Exploring factors that impact tree physiological responses to drought

Tiffany Baffour, Social Work

A Scoping Review of Anti-Racism Training in Higher Education: Implications for Transforming Organizational Culture

Matthew Basso, Humanities, Cultural & Social Transformation

World War II Home Front Theme Study for the National Park Service

Owen Chan, Medicine

Central Mechanisms of Hypoglycemia Detection

Scott Collingwood, Medicine

Healthy Homes-Assessing and Improving Indoor Air Quality

Lisa Diamond, Social Behavioral Science, Cultural & Social Transformation

Social Safety Across the Spectrum of Sexual and Gender Diversity

Gregory Ducker, Medicine

Lipid metabolic reprogramming drives liver cancer

Regina Frey, Science

Studying the effect of belonging and inclusivity in Introductory STEM courses

UPCOMING DEADLINES

November 1 - Job opportunity
Undergraduate Research Leaders
Application opens for Spring 2022
<https://our.utah.edu/about-our/undergraduate-research-leaders/>

November 1 - Presentation opportunity
Apply to present at UCUR-Utah
Conference on Undergraduate Research
<https://our.utah.edu/events/ucur/>

November 5 - Funding opportunity
Undergraduate Research Opportunity
Program Scholar (UROP)
Spring 2022
<https://our.utah.edu/urop/>

November 28 - Presentation opportunity
Apply to present at the Virtual Fall
Symposium
<https://our.utah.edu/fall-symposium/>

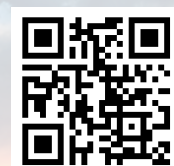
December 1 - Scholarship Opportunity
Apply for OUR Scholarships
Spring 2022

OUR Small & Travel Grants

Available to all
undergraduates doing research
<https://our.utah.edu/for-students/travel-small-grants/>

@uofu_our

linktr.ee/uofu_our





James Gagnon, Science

Perturbation of mesoderm diversification during vertebrate development

Ivis Garcia Zambrana, Architecture & Planning

Building Resilience in Vulnerable Older Adult Communities Facing Increased Exposure Risks to Wastewater Contamination from Flooding in Puerto Rico

Claudia Geist, Social & Behavioral Science, Cultural & Social Transformation

Views on Gender and Sexuality in Future Health Care Providers

Jacob George, Engineering

Utah NeuroRobotics Lab: Brain-Computer Interfaces and Artificial Intelligence for Assistive and Rehabilitative Robotics

Shreya Goel, Pharmacy

(Pharmaceutics & Pharmaceutical Chemistry): Microenvironment Evolution and Therapeutic Consequences in Metastatic Progression

Ram Gouripeddi, Medicine

Exploring the Exposome for Health Research

José Gutiérrez, Education

Signs of Power and Dominance: The Role of Mathematics Curricula in U.S. Assimilationist Policies and Practices in Indian Boarding Schools, 1879-1932

Skyler Jennings, Health

Sound Processing of the Human Auditory Nerve

Joseph Kim, Medicine

Emotion Regulation in Depression and the Aging Brain

Bradley King, Health

When Children Outperform Adults: Behavioral and Neuroimaging Investigations into Developmental Advantages in Motor Learning

Anne Kirchhoff, Medicine

The impact of air pollution on cancer survivors

Jan Kubanek, Engineering

Human brain organoids: A personalized approach to treat epilepsy

Amy Lenz, Medicine

Robotic Simulator for Replicating Foot and Ankle Kinematics and Kinetics

Erin McGlade, Medicine

Neurobiology of Psychiatric Symptoms

Daniel Mendoza, Mines & Earth Sciences

Electric Bus Air Quality Monitoring Platform: Findings and Implications

Sameer Patil, Engineering

Making Online Privacy and Security Usable and Understandable

Brennan Payne, Social & Behavioral Science

(Psychology, Neuroscience Program): Understanding the effects of listening effort on sentence processing and memory in sensorineural hearing loss: Evidence from simultaneous electrophysiology and pupillometry

Anandh Babu Pon Velayutham, Health

(Nutrition and Integrative Physiology): Gut microbiota mediates the cardiovascular effects of berry anthocyanins

Joshua Steffen, Science

Pollen Metagenomics

James VanDerslice, Medicine

(Family & Preventative Medicine): Impacts of Ambient Air pollution on Pre-Term Birth and Associated Healthcare Costs

Xuming Wang, Mines & Earth Sciences

Production of CaCO₃ through CO₂ Mineralization based on phosphogypsum waste

Melodie Weller, Dentistry

Viral-mediated Autoimmunity: Tracking Environmental Pathogen Exposures Leading to Sjogren's Syndrome

Jason Wiese, Engineering

Making Smart Hospitals Useful

Haohan Zhang, Engineering

Study manual control of a continuum soft manipulator

OUR HISTORY



1987

Richard Steiner launched Undergraduate Research Opportunity Program out of Liberal Education

1993

National Conference on Undergraduate Research (NCUR) hosted by University of Utah

2000

The 1st Research on Capitol Hill (ROCH) held at the State Capitol Building for the first time.

2001

The 1st edition of the Undergraduate Research Journal was launched.

2003

NCUR returns to University of Utah

2007

Utah Conference on Undergraduate Research (UCUR) – hosted by the University of Utah.

2012

UROP officially became Office of Undergraduate Research. Now home to amazing programs like UROP, Travel & Small Grants, Scholarships, and much more!

2015

OUR expands its programs to include nationally competitive opportunities with the Summer Program Undergraduate Research and the Summer Program Partners.

2021

OUR hires first Woman of Color Director.

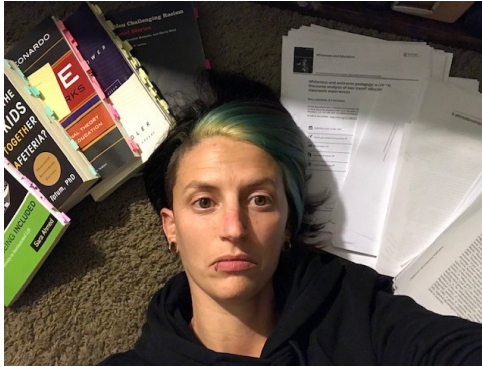


Office of
UNDERGRADUATE RESEARCH
THE UNIVERSITY OF UTAH

OUR Team



Annie Isabel Fukushima, Ph.D. Associate Dean, Undergraduate Studies and Director, OUR
Dr. Fukushima is going to cook a feast for family. October is Artoo's favorite month - we LOVE scary films / shows.



Shiver, Academic Program Manager
Shiver is looking forward to reading, writing, and more reading this month. (They are writing their preliminary exams this semester!)



Megan Shannahan, Academic Program Manager
In October, Megan and her family visited Badlands National Park. In November, she's looking forward to making and eating lots of pumpkin pie!



Cindy Greaves, Program Manager
Cindy took lots of morning walks with Rudy in October! She's looking forward to wearing sweaters and UGG boots.



Sandra Luo, Undergraduate Research Advisor
Sandra recently (AND successfully) navigated a corn maze! She's excited for more fall activities... except anything haunted or scary. No thanks!!



Artoo Shihtzu
Sending you all a little care-bear stare from a spooktacular October and hoping for a nourishing November.

OUR REMINDERS

Join us at the Fall Undergraduate Research Symposium - December 5, 2021 - [Virtual](#)

Request a [class presentation](#) - OUR team are excited about presenting on research and OUR's programs.

Post a [research opportunity](#). We share opportunities on the website, a searchable database, and all of our social media pages.

OUR provides Virtual drop-in [advising](#) hours. Encourage students to receive additional support. Wednesdays 3 - 4pm and Thursdays 9:30 - 10:30am <https://utah.zoom.us/j/98174369226> Meeting ID: 981 7436 9226 Passcode: research

[Undergraduate Research Education Series](#)

11/05 @ 11:30AM
[When the antidote is the poison: Current research on social justice and mathematics education](#)

11/17 @ 11:15AM
[Translating Research into a Resume](#)

12/01 @ 2:30PM
[Funding Graduate School](#)