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
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 Gouripedi, Medicine
Exploring the Exosome for Health Research

José Gutiérrez, Education

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

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!!

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

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!

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.

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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