

### November 2024

=



The Office of Undergraduate Research recognizes that today, November 1st, is a day of healing, memory, and celebration as Dia De Los Muertos (Celebrations and an Ofrenda at the Library). This also marks the welcoming of November.

The Office of Undergraduate Research has several opportunities approaching. UROP applications are due today and SPUR applications are now open! Whether you're interested in presenting at a symposium, or looking for a summer program, this is a great time to get involved. Click <u>here</u> to check out our website!

# **OUR Events**

## **Undergraduate Education Series**



Student Information Session: Applying for Summer Program for Undergraduate Research (SPUR)

11/6, 1-2pm, Virtual

Click here for more info.

## Virtual Workshop



Are you presenting in the OUR Virtual Fall Symposium? Come learn about the basics of creating a research poster and video/audio presentation. Bring drafts, outlines, ideas, and your questions.

Thursday, November 14th 2:30-4:00 PM Zoom and Sill Center 102



Interested in learning about research opportunities on campus? Attend OUR's Fall Research Tours. Discover innovative work being done a variety of fields. Any student interested in learning about research is encouraged to attend.

Click here for more information and to sign up.

Thank you to our campus partners for co-organizing the tours.

# **Scholars Corner**



Student applications are open and the deadline to apply is January 26th, 2025. For more information or to submit an application <u>click here.</u>

Come see us at our tabling in Gardner Common to learn more!



*Virtual Fall Symposium* December 6, 2024

Open to any undergraduate student with faculty mentor approval.

Submission deadline: Sunday, December 1, 2024. For more visit: <u>our.utah.edu/urs</u>



Want to publish? RANGE: Undergraduate Research Journal is now accepting submissions for Issue 2 of 2024.

Please refer to our guidelines for more information on formatting.

Submissions must be received by November 1 to appear in this issue. Click here for more info.



Undergraduate researchers at the University of Utah are invited to present their research at the Utah Conference on Undergraduate Research (UCUR) taking place February 28, 2025 at Southern Utah University.

Submission deadline: November 15. Click here for more info.

# **Faculty Corner**

Congratulations to the SPUR 2025 faculty mentors!

Ed Munoz, Ethnic Studies: Latinx Criminal Justice Professionals

**Lynne Zummo, Education**: A Climate of Hope: Investigating learning at an innovative exhibit towards new knowledge, theory, and practice of climate change learning with diverse audiences

Claire Son, Education: Promoting Vocabulary Learning in Young Children with Interactive Digital Stories

Ashley Dalrymple, Engineering: Changes in the Spinal Cord After Leg Amputation

Samira Shiri, Engineering: High Throughput Experimentation Revealing the Intricate Interplay of Oil Spills and Microplastics Across Diverse Conditions

Chen Wang, Engineering: Recycling Carbon Fiber To Fight 'Range Anxiety' in Electric Vehicles

**Haohan Zhang, Engineering:** Eye-tracking sensing through machine learning for the Utah Powered Neck Exoskeleton

Genevieve Albouy, Health: Enhancing learning with non-invasive brain stimulation of deep brain structures

Skyler Jennings, Health: How brain activity shapes the way your ear processes sound Anandh Babu Pon Velayutham, Health: Gut Microbes, Diet Derived Microbial Metabolites and Cardiovascular

Julio Facelli, Medicine: Structural Bioinformatics Studies in Molecular Mimicry Onset of Autoimmune Diseases

Adam Hughes, Medicine: Investigating the molecular mechanisms of mitochondrial-derived compartment formation

Lindsay Keegan, Medicine: Modeling Stability and Bifurcation in Cholera to Inform Intervention Strategies

Weiguan Zhu, Medicine: Promote Remyelination and Functional Recovery in Mouse Models of Neuroninflammatary Disease

Lauri Linder, Nursing: Digital Health Interventions to Support Symptom Management for Children and Adolescents with Cancer

Abby Pulsipher, Pharmacy: Targeting the Tumor Microenvironment With Synthetic Glycosaminoglycans

Bill Anderegg, Science: Assessing carbon fluxes and aspen mortality in Colorado mountain forests

Luiza Aparcedio, Science: Thermotolerance of Utah plants

Jordan Gerton, Science: Fostering Sensemaking in Introductory Physics Labs using a Design-Based Research Approach: Creating an Educational Intervention for Teaching Assistants

Ofer Rog, Science: Understanding organization of heterochromatin

Katie Baucom, Social and Behavioral Science: PreventT2 Together: Examining the efficacy of couple-based lifestyle intervention to prevent type 2 diabetes

Lee Raby, Social and Behavioral Science: Baby Affect and Behavior Study

Sarah Small, Social and Behavioral Science: Reading During Recessions: The Relationships Between Literature, Libraries, and Regional Economic Hardships in the United States

Alysse Loomis, Social Work: Evaluating Implementation of a Statewide Infant and Early Childhood Mental Health Training and Teleconsultation Program

Martell Lee Teasley, Social Work: The Center for Research on Race, Health Equity, and Public Policy

Ursula Martinez, Medicine: Project IMPACT

Health

Kelly Baron, Medicine: Sleep Health Disparities

**William Smith, Medicine:** The True Cost of Discrimination on Human Health: Discrimination Appraisal and Discrimination Validation Stress

Jennifer Follstad Shah, Social and Behavioral Science: Climate Anxiety Amongst Undergraduates

Alexandra Ponette-Gonzalez, Architecture: Mapping Personal Heat Exposure in Salt Lake City using Wearable Sensors

Amanda Bakian, Medicine: Investigating the relationships between extreme weather and air pollution events with suicide in Utah

Monika Lohani, Social and Behavioral Science: Challenges and coping strategies for climate change adaptation among underrepresented frontline communities of Utah

Tess DeAtley, Medicine, Reach U2

Brock O'Neil, Medicine, Reach U2

### **Applying and Need Support?**

#### **Funding Fridays**

Get support with applications for research funding! Drop into **Funding Fridays** with materials, questions, or ideas.

**Every Friday during Fall semester.** 8:30-11am <u>via Zoom</u> and in person at Sill Center 005.

Please note: No Funding Friday on 11/29.

#### IRB Lab

Working with human subjects? Need support on where to start?

IRB Lab is here for you.

November Dates: 11/1, 11/15

Time: 10:00-11:30am

Location: 1140 Marriott Library or Zoom (register here)

#### **General Questions**

Make an appointment

Sign-up for the OUR Newsletter here



<u>Manage</u> your preferences | <u>Opt Out</u> using TrueRemove™ Got this as a forward? <u>Sign up</u> to receive our future emails. View this email <u>online</u>.

195 Central Campus Drive SILL 005 | Salt Lake City, UT 84112 US

This email was sent to . *To continue receiving our emails, add us to your address book.* 

Subscribe to our email list.