

Attendee Guide

Oral Presentations

May 12-15, 2025
UCI Student Center

Click
Here



Updated 04.22.25



Welcome Message

The Undergraduate Research Opportunities Program (UROP) is excited to welcome you to the 2025 UC Irvine Undergraduate Research Symposium: **Oral Presentations**. We've created this guide to prepare you for an engaging and insightful experience. It will help you navigate the event and make the most of your participation as an attendee.

Anyone can attend the UC Irvine Undergraduate Research Symposium, including:

- UC Irvine students, faculty and staff
- Community members
- Student presenters' families and friends

Whether you're interested in seeing the diverse research happening at UC Irvine, or you personally know one of our presenters and are showing your support, we welcome your participation.

We kindly ask all general attendees to register using the button below. There is no cost to attend the Symposium; however, please be aware that there may be some associated expenses, such as parking fees.

If you have any questions after reviewing this guide, please don't hesitate to contact UROP for assistance. We hope you find the oral presentations inspiring!

[Register to Attend Here](#)



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What Is The UC Irvine Undergraduate Research Symposium?

The Undergraduate Research Symposium is an annual event that showcases the tremendous variety and depth of the undergraduate research culture at UC Irvine. Scheduled for May 12–16, 2025, this weeklong celebration welcomes all undergraduate students from across campus who have participated in a UCI-faculty-mentored research project or creative activity within the last year to share their research.

Four evenings of oral presentations lead up to the Poster and Performance Showcase, a day featuring poster presentations and inspired performances from the UC Irvine Claire Trevor School of the Arts. Below is an overview of Symposium week:

Date	Time	Theme	Location
Mon 5/12/2025	5:00 to 7:00 PM	Oral Presentation Spotlight - Insights	UCI Student Center, Emerald Bay A
Tue 5/13/2025	5:00 to 7:00 PM	Oral Presentation Spotlight - Impacts (Group Presentations)	UCI Student Center, Pacific Ballroom C
Wed 5/14/2025	5:00 to 7:00 PM	Oral Presentation Spotlight - Innovations	UCI Student Center, Doheny Beach CD
Thu 5/15/2025	5:00 to 7:00 PM	Oral Presentation Spotlight - Inspirations	UCI Student Center, Doheny Beach A
Fri 5/16/2025	10:00 to 4:20 PM	Poster and Performance Showcase	UCI Bren Events Center

What is an Oral Presentation?

An oral presentation is a structured, 7-minute talk in which our presenters present their research project to a live audience. It is typically supported by visual aids, such as slides, and takes place in a competitive setting.

Research Presentation

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Supporting Visuals

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Oral Presentation

Oral presentations for the Symposium are scheduled from May 12–15, taking place from 5:00 to 7:00 PM in the UC Irvine Student Center. The Symposium is organized thematically, with each day focusing on a different aspect of research: Insights, Impacts, Innovations, and Inspirations. Tuesday's session is specifically dedicated to group presentations, while the other days feature individual presentations.

- **Monday, May 12: Insights**—A deep understanding or new way to think about or interact with a person, place, or thing.
- **Tuesday, May 13: Impacts**—A project that has affected the world, the community, and/or the researchers themselves. This session is for group presentations only (Group Presentations Only).
- **Wednesday, May 14: Innovations**—A new idea, method, or product.
- **Thursday, May 15: Inspirations**—An idea that causes people to want to take action.

All students selected for in-person oral presentations will receive a Chancellor's Award. One winner per presentation evening will additionally receive a \$100 gift card and medal.



Oral Presentation Spotlight - Insights

Monday, May 12 - 5:00 to 7:00 PM

UCI Student Center, Emerald Bay A

Below are the presentations for **Monday, May 12**. These are **individual presentations**. Presentations are listed in alphabetical order by project title. Speaking order will be announced the evening of the event.

Presentation Title	Presenter
Can You Buy Washington?: Power, Politics, and the Price Tag Following Citizens United v. FEC	Gabriel Mutsvangwa
Effect Of Silencing AR In Symptomatic SBMA Mice	Diya Garg
Evaluating chemical extraction fitness for tropical tree ring 14C analysis	June Griffin
Organic Carbon Cycling in Santa Clara River Particulate Matter	Taylor Hart
Outcome effects of a school token economy for children with executive functioning impairments.	Susie Torosian
Positive Feelings During the COVID-19 Pandemic: A Thematic Analysis of Parent-Adolescent Conversations	Kiara Kuriakose
Taboos Surrounding Menstruation Among School Girls in West India - A Case Study	Saasha Gajjaer
The components of vividness in perception and mental imagery	Kiarra Garcia
The Role of Misinformation in Shaping False Memories of Aggressive Behavior	Samantha Sharp
Vascularized Micro-Tumor Models to Improve Immunotherapy Response in Non-Small Cell Lung Cancer	Alexander Chopra

Oral Presentation Spotlight – Impacts

Tuesday, May 13 – 5:00 to 7:00 PM

UCI Student Center, Pacific Ballroom C

Below are the presentations for **Tuesday, May 13**. These are **group presentations**. Presentations are listed in alphabetical order by project title. Speaking order will be announced the evening of the event.

Presentation Title	Presenters
A Multiscale Analysis of Structural Changes in the Heart After Left Bundle Branch Block	Cadence Cheng, Neha Muvvala, and Lyna Luu
Bridging the Gap: How Patient-Centered Care Improves Medication Adherence in Latinx Hypertensive Patients	Naomi Jannae Ferrer and Valeria Lopez Duarte
Characterization of LeprB Expression in Dermal Papilla Cells Across Anatomic Regions	Hoyoung Park and Jaimee Jeon
CSRPI Knockdown and Stem Cell Media Promote Spheroid Compaction, Suggesting Enhanced Metastatic Potential in Various Lung Cancer Cell Lines	Daisy Cortez Reyes and Emily Nicole Nhan
Exploring Patient Perspectives on Insulin Self-Titration	Mario Camacho, Justin Urquiza, and Amber Huesca
Exploring the Biological Mechanisms of Lithium on healthspan in <i>Drosophila melanogaster</i>	Corrina Cannell, Ashley Fielding, Andrew Cheng, and Emilia Djordjevic
Fetal Blood Sampling Device	Elizabeth Garabedian, Lyna Luu, Kelly Ma, Mana Imani, and Sai Puvvul
Simulated Annealing Haplotype Aligner	Arnav Dhariya and Pranavi Gollanapalli
Tackling Attrition Rates of Black, Pre-Health Students in BioSci	Shayda Abdurahman, Oluwadara Ogundiwin, and Rekik G. Fikre
Using Machine-Learning tools to estimate female fecundity in populations of <i>Drosophila melanogaster</i>	Alexander Ginther, Alden Black, Shreya Nakum, Marvin Talana, Jacob Alzagatiti, and Jennifer Nguyen

Oral Presentation Spotlight – Innovations

Wednesday, May 14 – 5:00 to 7:00 PM
UCI Student Center, Doheny Beach CD

Below are the presentations for **Wednesday, May 14**. These are **individual presentations**. Presentations are listed in alphabetical order by project title. Speaking order will be announced the evening of the event.

Presentation Title	Presenter
Brown Carbon aging in glycine and sulfuric acid	Noam Levi
Decoding the Galactic Center Excess: Dark Matter or Astrophysical Anomalies	Vincent Caudillo
Dictionaries and Dimensionalities	Omar Yahia
Evaluating the Accuracy of the Projectometer in Measuring Nasal Tip Projection in Rhinoplasty	Sarah Liu
Exercise as an Intervention to the Gateway Hypothesis	Cindy Pham
Guardian Turned Achilles' Heel: Using a Novel Bacterial Immune System Pathway as a Target for Antibiotics	Daniel Izrailevsky
Promoting Maturation of hiPSC-CMs using Photocurrents from DLP Printed Peptide-Based Topographical and Optoelectronic Hydrogels	Caleb Chung
Quantifying Restoration of the the Hakalau National Forest in Hawaii from 1990 to 2024 Using Remote Sensing	Faith Nicoll
Site-specific genetic incorporation of cyclopropanone probes for protein labeling	Kelly Pham
Vessel-on-a-Chip Microfluidic Device for Modeling Blood Vessel Vasculature Under Diabetic Conditions	Kristin Hagen


Oral Presentation Spotlight - Inspirations

Thursday, May 15 - 5:00 to 7:00 PM
UCI Student Center, Doheny Beach A

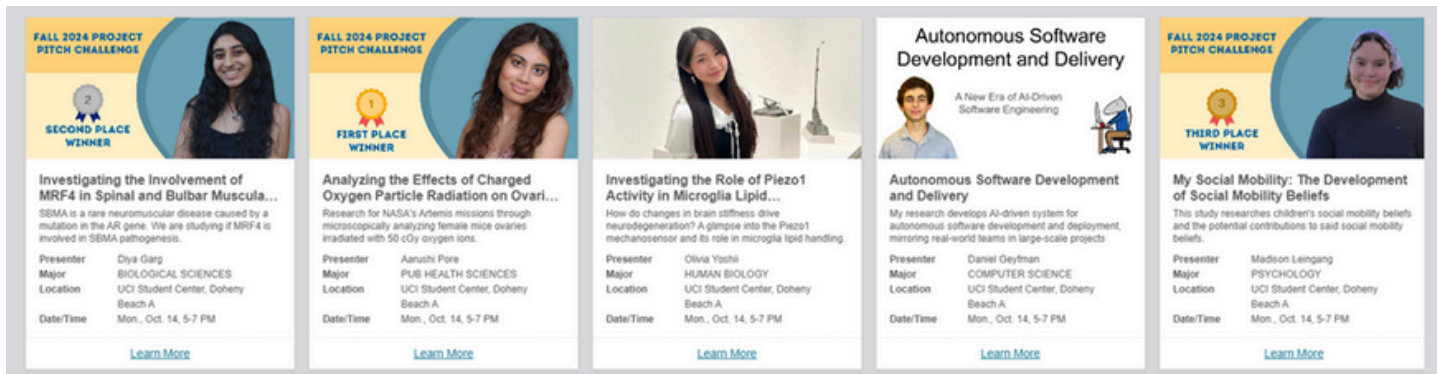
Below are the presentations for **Thursday, May 15**. These are **individual presentations**. Presentations are listed in alphabetical order by project title. Speaking order will be announced the evening of the event.

Presentation Title	Presenter
Adder Tree Optimization for In-Memory AI Acceleration	Stanley Sha
Aging Accelerates Degradation of Human Neuromuscular Junction Following Peripheral Nerve Injury	Manasvini Varatharaj
Associations Between PTSD Symptoms and Heart Rate Variability in Trauma-Exposed Individuals	Lydia Steinhoff
Atmospheric Photochemistry at the Organic-Aqueous Interface	Eleanor Miko
Head-Impact Location: A Predictor for Severity of Traumatic Brain Injury	Anushka Singhal
Marxist Feminism: Balancing the Paradox of Sweatshops and Hyper-Consumerism	Leyna Vo
Modern Asian Mental Health: Examining the Somatization of Distress	Namrata Poola
Photonic computing for AI, a review	Abhishek Gautam
Sex-Specific Pulmonary Effects of Acute, Sub-Chronic, and Chronic Secondhand E-Cigarette Exposure on C57BL/6J Mice	Alejandro Martinez Santos
The Association Between Prenatal Chemical Exposure and Substance Addiction Service Utilization	Yvonne Phan

Access the 2025 UCI Undergraduate Research Symposium Program

The [UCI Undergraduate Research Symposium Program](#) is a digital platform that showcases our 2025 presenters. This interactive tool allows you to explore the diverse research projects being presented at the Symposium. 

Please note: Most of the content, including student presenter profiles, will be added to the program approximately one week before the Symposium. This ensures that you have the most current information about the presentations.



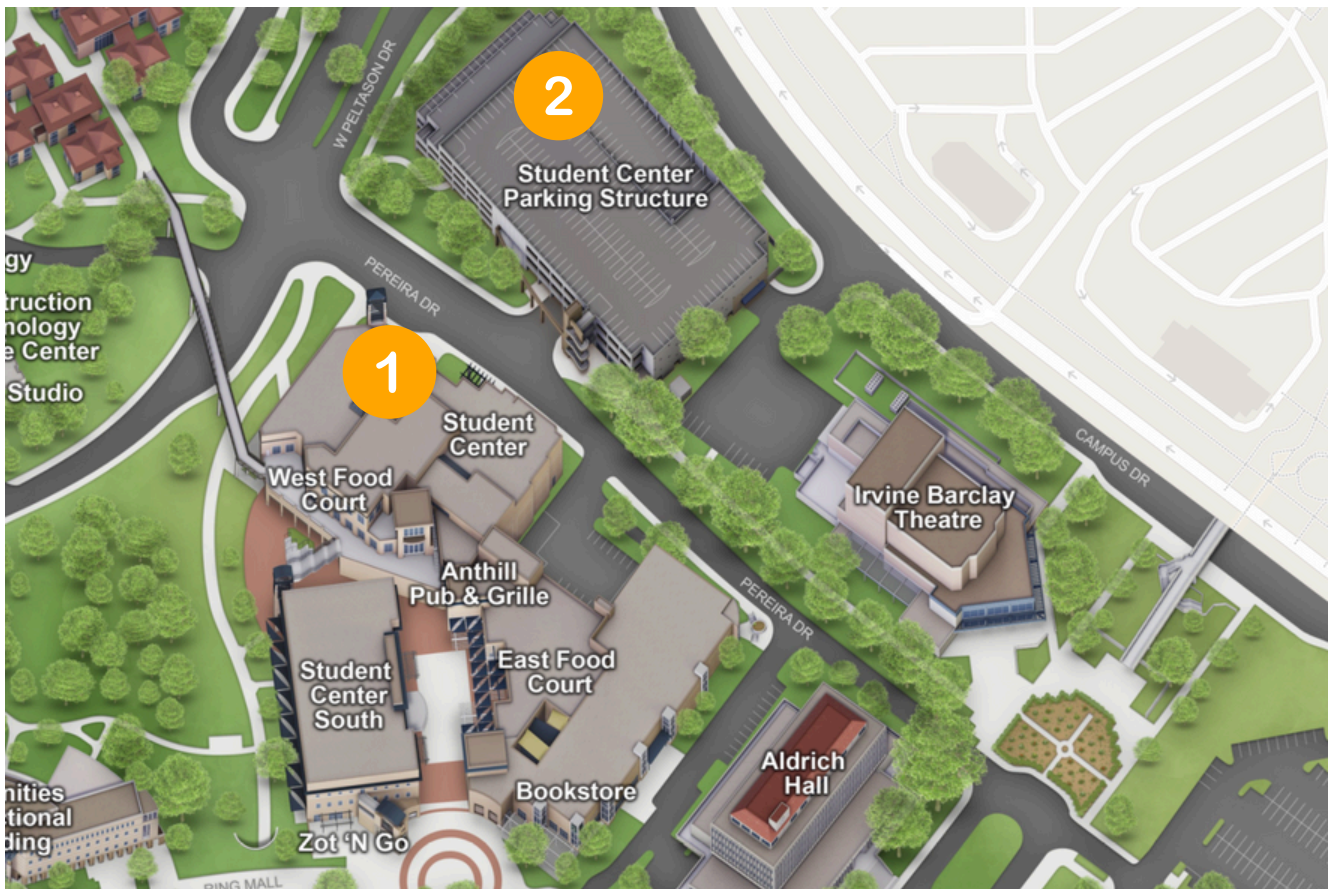
Key Features:


- **Presenter Profiles:** The profile tile shows their topic, time, and location. Click the tile to view more information, including their abstract and poster or audition video.
- **Search and Filter:** Use the search box to find individual students' presentations by entering student name or project title. Filters let you view groups of projects by area of research.
- **Comprehensive Information:** The program provides details on who is presenting, when they're presenting, and their research topic.
- **User-Friendly Interface:** Navigate through the program effortlessly to plan your Symposium experience.

The digital program is flexible and easy to use. Whether you're a student, faculty member, or guest, you can customize your Symposium experience by focusing on the research areas and presentations that interest you most. We encourage you to explore the program once it's available to make the most of your time at the 2025 UCI Undergraduate Research Symposium.

Oral Presentation Location Logistics


Unsure where exactly to go for the Oral Presentations? All oral presentations will be held at the UC Irvine Student Center.




- 1 Student Center
- 2 Student Center Parking Structure (pay at Kiosk or by Space)
 - Parking is available in the Student Center Parking Structure (SCPS), which is located on the corner of Pereira Drive and W Peltason Drive. Entrance into the Student Center Parking Structure is on Pereira Drive. The address is **311 W Peltason Dr A, Irvine, CA 92697** ([click here](#)).
 - A **valid parking permit** ([click here for rates](#)) is required at all times when parking on campus. Visitors may purchase a permit at any information kiosk, dispenser, or through UCI's ParkbyPlate signage located in select parking areas. 


Oral Presentation Location Logistics (Continued)

Each Oral Presentation night will take place in a different room in the UC Irvine Student Center:

 Monday 5/12: Emerald Bay A

 Wednesday 5/14: Doheny Beach CD

 Tuesday 5/13: Pacific Ballroom C

 Thursday 5/15: Doheny Beach A



Play Bingo at the 2025 UCI Undergraduate Research Symposium & Win!

Join us for two exciting Bingo contests during the 2025 UC Irvine Undergraduate Research Symposium! Whether you're attending the Oral Presentation Nights or the Poster & Performance Showcase, you can engage, learn, and WIN a \$25 In-N-Out gift card!

Oral Presentation Nights Bingo Contest

Dates: May 12-15

- **How to Play:** Attend one or more of the UROP Oral Presentation Nights, grab your Bingo card at check-in, and mark off squares as you watch presentations.
- **Prizes:** \$25 gift card each night for one lucky winner!
- **One Winner Per Night!** Winners will be announced at the end of each session.

Poster & Performance Showcase Bingo Contest

Date: May 16

- **How to Play:** Attend the Poster & Performance Showcase, collect your Bingo card, and mark off squares by interacting with presenters and performers.
- **Prizes:** \$25 gift card for four winners selected at random!
- **Four Winners for the Entire Day!** Winners will be announced the week after Symposium.

Important Info:

- **Open only to current undergraduate UCI students.**
- Presenters are welcome to play Bingo during any session in which they are not presenting.
- You can only win once throughout the entire event series, so make it count!
- Winners must be present to claim their prize.



**Don't miss out on the fun!
Play, engage, and win while
supporting your fellow
students. See you there!**