



35<sup>TH</sup>

**ANNUAL UBRP CONFERENCE**

January 20, 2024

8:30 AM - 12:30 PM

Student Union Grand Ballroom

***[ubrp.arizona.edu](http://ubrp.arizona.edu)***



Undergraduate  
Biology  
Research  
Program

*Photo courtesy of Luis Espejo*

**35TH ANNUAL  
UNDERGRADUATE BIOLOGY RESEARCH PROGRAM  
CONFERENCE**

*January 20, 2024 | Student Union Grand Ballroom | 1303 E. University Blvd.*

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## EVENT AGENDA

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**8:30am**

**BREAKFAST** (*food available until 10:00am*)

- Enjoy breakfast and preview posters

**8:45 – 9:45am**

**KEYNOTE ADDRESS**

- Welcome & Acknowledgements by Jennifer Cubeta, UBRP Director
- Introduction of Keynote Speaker by Prof. Carol Bender
- Keynote Address: *Navigating a Career in Biotech Through Experimentation and Connection* by Denise Krawitz, PhD, UBRP/BRAVO! Alumna and Principal Consultant at CMC Paradigms
- Conference Logistics

**9:45 – 10:00am**

**BREAK**

- Preview posters and enjoy breakfast
- 50-50 raffle tickets available for purchase

**10:00am – 12:00pm**

**STUDENT POSTER SESSIONS**

- Odd-numbered posters present from 10:00 - 11:00am
- Even-numbered posters present from 11:00am - 12:00pm
- 50-50 raffle tickets available for purchase

**12:00 – 12:15pm**

**RECOGNITION, AWARDS, AND CLOSING REMARKS**

- Recognition of Student Poster Presenters
- Recognition of Graduating Seniors, Ambassador Officers, & Pen Pals
- Recognition of Outstanding Mentor Award Nominees
- Presentation of Outstanding Graduate Student Mentor Award
- Presentation of Outstanding Faculty Mentor Award
- Door Prizes & Announcement of Raffle Winner

# WELCOME

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Dear Guests:

Welcome to the 35<sup>th</sup> Annual Undergraduate Biology Research Program (UBRP) Conference! On this special day, we celebrate the accomplishments of our students, recognize our mentors and volunteers, and enjoy a day of community as we explore a myriad of biological topics in the spirit of learning.

This year, there are 105 student presenters from programs coordinated by the Undergraduate Biology Research Program Office, including UBRP, Beckman Scholars, Biology Research Abroad: Vistas Open!, Data Sciences Academy (DSA), Environmental Health Sciences – Research for Indigenous Student Engagement (EHS-RISE), Environmental Health Sciences – Transformative Research Undergraduate Experience (EHS-TRUE), and the Partnership for Native American Cancer Prevention (NACP), in addition to student presenters from the Maximizing Access to Research Careers Program (MARC), visiting NACP students from Northern Arizona University, and additional University of Arizona undergraduate researchers. Today, our guests will have the opportunity to learn about a wide diversity of biological research topics from these amazing students!

I hope you enjoy connecting with our students about their research today, and that you find yourself refreshed with a deep appreciation for the world of biology, as well as for the students and mentors which make up our wonderful research community.

Enjoy the Conference!

A handwritten signature in black ink that reads "Jennifer Cubeta". The signature is written in a cursive, flowing style.

Jennifer Cubeta, M.Ed.  
UBRP Director

# THANK YOU!

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UBRP is made possible by the financial support of University of Arizona contributors, grant awards, and donors. We thank the following for their generous support:

## **At the University of Arizona:**

- Office of the Provost (Ronald Marx, Interim Provost)
- Office of Research, Innovation, & Impact (Elliot Cheu, Interim Senior Vice President for Research)
- BIO5 Institute (Jennifer Barton, Director)
- College of Science (Carmala Garziona, Dean)
- College of Medicine (Michael Abecassis, Dean)
- College of Agriculture & Life Sciences (Shane Burgess, Dean)
- Data Sciences Academy (Joe Watkins, Director)
- R. Ken Coit College of Pharmacy (Rick Schnellmann, Dean)
- Arizona Institute for Resilience (Kevin Bonine, Director of Education Initiatives and Maria Sohn Hasman, Program Coordinator of RISE Internship Program)

## **Granting Agencies:**

- American Society for Pharmacology & Experimental Therapeutics (ASPET) for the ASPET Summer Research Fellowship Program
- Arnold and Mabel Beckman Foundation for the Beckman Scholars Program
- National Institute of Environmental Health Sciences for the Environmental Health Sciences – Research for Indigenous Student Engagement (EHS-RISE) and the Environmental Health Sciences - Transformative Research Undergraduate Experience (EHS-TRUE) Programs
- National Cancer Institute for the Partnership for Native American Cancer Prevention

**Thank you to our UBRP Advisory Board Members and colleagues, who are champions for our program:** John Szivek (Chair), Carol Bender (Emerita), Nathan Ellis, Susan Kaleita (College of Science Development) Teri Suzuki, Samantha Szuter, Doug Wellington, and Ken Wertman.

## **Thank you to our wonderful UBRP donors!**

*American Online Giving Foundation • Dr. Craig Aspinwall & Ms. Catherine Aspinwall • Dr. Jordan Barrows • Dr. David Bellows & Dr. Alison Bailin • Prof. Carol Bender • Dr. John Biebelhausen & Ms. Amanda Biebelhausen • Ms. Elizabeth Bondy • Dr. Amitava Bose & Ms. Barbara Bose • Dr. Dustin Boyer • Dr. Margaret Briehl & Dr. Dennis Ray • Dr. Gail Burd & Dr. John Hildebrand • Dr. Xuemei Cai & Dr. Phillip Gray • Ms. Elizabeth Camus • Dr. Susheela Carroll • Ms. Roxie Catts • Compris Vineyard • Dr. Rita Cook & Dr. Robert Cook (Nokes-Cook UBRP Endowment) • Mrs. Jennifer Cubeta • Mr. Richard Edelman & Mrs. Sharon J. Vogelsang • Dr. John Enemark & Ms. Mary Enemark • Dr. Zhen Fan • Dr. Mark Fernandez (in honor of Carol Bender) • Dr. Jeffrey Frelinger • Dr. Paul Gause & Ms. Amy Gause • Dr. Vijay*

Gokhale • Dr. Marilyn Halonen • Ms. Emma Harrell • Mr. Bosun Hau & Dr. Anne Chung (Bosun Hau and Anne Chung UBRP Endowment) • Dr. James Hazzard and Mrs. Norma Hazzard (in honor of Anne Collins Walker, and in memory of Drs. Terry Meyer & Michael A. Cusanovich) • Ms. Xi He & Mr. Heng Yuan • Dr. A. Teresa Isaias • Dr. John Jewett and Dr. Trianna Oglivie • Dr. David Johnson • Ms. Susan Kaleita and Mr. John Moeller • Ms. July Kelley • Dr. Paul Klekotka & Mrs. Kimberly Klekotka • Dr. Christina Kochel • Dr. Michael Kuhns • Mr. Michael Lee (in memory of Emily Korff) • Mr. Jeffrey LoCascio & Mrs. Danielle LoCascio • Mr. Oleg Lysyj & Dr. Teri Suzuki (Natalie Lysyj UBRP Endowment) • Dr. Thomas Malan & Ms. Carole Malan • Mr. Brian Massey and Dr. Megan O'Meara • Mrs. Sharon Matlock & Mr. Peter Matlock • Mr. Juan Mena-Gonzalez & Ms. Maura Mena • Ms. Verma Miera • Ms. Amanda Moon • Dr. Michael Nelson & Ms. Kristin Nelson • Pfizer – Matching Gifts • Regeneron Pharmaceuticals, Inc. – Matching Gifts • Dr. Daryn Stover • Mr. Benjamin Super & Mrs. Jill Liberman-Super • Dr. Anne Suzuki & Mr. Scott Creasman (in honor of Dr. Teri C. Suzuki) • Dr. John Szivek & Ms. Sally Szivek • Ms. Samantha Szuter • Ms. Decemna Tang • Dr. Ronald Teed • Dr. Kenneth Teter • Dr. Allison Titcomb • Anna Trieller • Mr. Dale Vernon • Dr. Ilya Vilinsky • Mr. Dana Weant & Dr. Melanie De Boer • Mr. Doug Wellington & Ms. Andrea Wellington (Andrea Jeffers Wellington Fellowship) • Dr. Jessica Yingling & Mr. Christopher Mahoney • Dr. Benjamin Zaepfel

## TODAY'S ACTIVITIES IN DETAIL

8:45 – 9:45am | WELCOME AND KEYNOTE ADDRESS



### **Navigating a Career in Biotech Through Experimentation and Connection**

by Denise Krawitz, PhD

UBRP/BRAVO! Alumna and Principal Consultant at CMC Paradigms

*Introduction of Keynote Speaker*

*by Prof. Carol Bender*

*Professor Emerita, Department of Molecular & Cellular Biology*

*Former Director of UBRP and BRAVO!*

Denise Krawitz is a Principal Consultant at CMC Paradigms with over 20 years of experience in the biotechnology industry. She is a proud UBRP and BRAVO alum from (too) many years ago and is excited to come back to see how the UBRP has thrived and meet current students. After U of A, Denise got her PhD in Molecular and Cell Biology from UC Berkeley and then moved into the study of Chemistry and Manufacturing Controls (CMC) for protein-based therapeutics in the biotech industry. Denise spent several years working at different biotech companies in CA, including Genetech/Roche, BioMarin Pharmaceuticals, and Ambrx. Her background in studying protein chaperones in the Vierling lab as an undergraduate was foundational for her work in graduate school as well as industry.

As a consultant, Denise spends most of her time working with small and virtual biotechnology companies helping them design and produce proteins to benefit patients with different types of cancers, immunological disorders, neurological disease, genetic deficiencies, and anything else that can be solved by creative academic and industrial scientists. She helps these companies move potential therapeutic proteins from a research laboratory into a larger scale development environment to enable clinical trials in humans. The challenges with protein chemistry, cellular engineering, ensuring patient safety and navigating the regulatory environment, while managing investors, tight timelines, and the knowledge that patients are in need, sometimes desperate need, is immensely motivating and has been challenging, rewarding, and very exciting. While working as a consultant has been a steep learning curve, it is also a great way to do good science, help people, and importantly, have fun.

Denise currently lives with her family and 3 dogs in Marin County in the San Francisco Bay Area.

10:00am – 12:00pm | STUDENT POSTER SESSIONS

Our students are excited to share their research with you! We invite our visitors to be curious and to ask questions such as *“Can you walk me through your poster? What are future directions for your project? What excites you about doing research? What is the ‘take home’ message from your project?”*

Student presenters are listed in the **Topical Guide to UBRP Conference Posters**, in alphabetical order by last name within each topic. Full abstracts are available on the UBRP Conference webpage at <https://ubrp.arizona.edu/conference/35th-annual-conference>.

To give our students a chance to see each other's work:

- Odd-numbered posters will be presented from 10:00 – 11:00am.
- Even-numbered posters will be presented from 11:00 – 12:00pm.

<b>12:00pm – 12:30pm   RECOGNITION &amp; AWARDS</b>
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**CONGRATUATIONS TO OUR GRADUATING SENIORS!**

Congratulations to UBRP seniors who will be graduating in 2024! To celebrate all they have accomplished through our program, seniors will receive a teal UBRP graduation cord in March. Seniors, we wish you all the best for the future and look forward to receiving updates about your post-graduation positions and accomplishments. Make sure to update your profile on LinkedIn and join our UBRP group at <https://www.linkedin.com/groups/3762234/>

**UBRP AMBASSADORS**

UBRP Ambassadors are charged with the responsibility of helping to create community among undergraduate researchers by organizing social activities, providing feedback to program staff, and representing UBRP in speaking to on- and off-campus groups. We thank our 2023-2024 UBRP Ambassador officers for their service:

*Ariel Cheng, President*  
*Gavin Arnold, Vice President*  
*Hannah Vu, Secretary*  
*Kaitlyn Lai, Volunteer Coordinator*  
*Cat Jezerc, Social Media*  
*Jackie Larson, Pen Pals Coordinator*

**UBRP PEN PALS**

This outreach program, originally created by UBRP participant Misha Pangasa in 2008-2009, connects UBRPers with students at Mansfeld Middle School, where they correspond regularly with seventh grade students and serve as role models to provide young students with perspectives on science and college. Thank you to this year's volunteers!

**Jackie Larson**  
*Pen Pals Coordinator*

**Anil Kalra**  
*Sixth Grade Teacher, Mansfeld Middle School*



## OUTSTANDING MENTOR AWARDS

Each year, we celebrate UArizona's supportive culture for undergraduate research and the outstanding mentorship UBRP students enjoy by granting the Outstanding UBRP Graduate Student, Postdoctoral Fellow, or Research Specialist Mentor Award and the Outstanding UBRP Faculty Mentor Award. Candidates are nominated by current UBRP students and UBRP alumni. A committee composed of UBRP students and alumni reviews the nominees and selects the finalists.

### **Nominees for the 2023-24 UBRP Outstanding Mentor Awards:**

**Joe Adams**

*Nominated by Tom Pham*

**David Baltrus**

*Nominated by Ariel Heinrich*

**Mark Beilstein**

*Nominated by Nada Elnady*

**Ross Buchan**

*Nominated by Nick Mortimore*

**Jenna Honan**

*Nominated by Jackie Larson*

**Grace Lee**

*Nominated by Veronica Hode*

**Edita Navratilova**

*Nominated by Veronica Hode*

**Catherine Vasquez**

*Nominated by Andrew Kim*



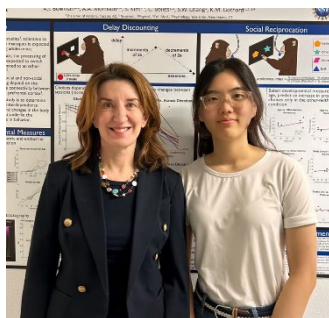
**2023-2024**

**UBRP Outstanding Graduate Student Mentor**

***Jeaho Lim***

Graduate Student, Genetics

*Nominated by Natalie Rawlings*



**2023-2024 UBRP Outstanding Faculty Mentor**

***Katalin Gothard***

Professor, Physiology

*Nominated by Sun Woo Kim*

***We thank all of our mentors for training and educating our students!***

## **2023-24 PROGRAMS, PARTICIPANTS, AND FACULTY MENTORS**

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The programs housed within the Undergraduate Biology Research Program (UBRP) are designed to teach students science by involving them in biologically related research. Students are paid for their time doing research where they develop an understanding of the scientific method and receive a realistic view of research. They also participate in professional development workshops, scientific seminars, and supplementary activities to acquire the tools necessary to be successful in post-graduate studies should they choose careers related to biology or biomedical research, and they join the community of scholars.

### **UNDERGRADUATE BIOLOGY RESEARCH PROGRAM (UBRP)**

Funding for UBRP students is provided by private donors, the UArizona Office of the Provost, Office of Research, Innovation, & Impact, BIO5 Institute, the Arizona Institute for Resilience (RISE Internship Program), and the Colleges of Medicine, Science, Agriculture and Life Sciences, and Pharmacy. The UBRP Office is administratively supported by the Department of Molecular and Cellular Biology.

<b><u>Student</u></b>	<b><u>Mentor(s)</u></b>
Yuchen (Ella) Ai	Sally Dickinson
Mustafa Allababidi	Nima Toosizadeh
Angelo Antenor	George Sutphin
Gavin Arnold	Robin Polt & Ying-Hui Chou
Shreya Balasubramanian	Tally Largent-Milnes
Lindsey Bell	David Moore
Olivia Bertuca	Judith Brown
Remington Bliss	Brian McKay
Alessandro Bolus	Bentley Fane
Sean Chen	Michael Brown
Ariel Cheng	Jana U'Ren
Sai Anwita Chintala	Ralph Fregosi
Deanna Clinch	Christopher Banek
Caroline Coppinger	Gregory Thatcher
Michael Davis	Lee Ryan
Angela Ding	Frank Duca
Nada Elnady	Mark Beilstein
Michael Foster	Jon Njardarson
Madison Gackle	Paul Langlais
Aditi Ghosh	Martha Bhattacharya
Parker Guss	Ying-Hui Chou
Aunita Hakimi	Ross Buchan
Alexander Hames	Rui Xiong
Mathew Hanna	Mark Beilstein
Ariel Heinrich	David Baltrus
Jacob Herbert	Eugene Chang
Kate Hilbert	Samantha Harris
Ciara Himes	David Baltrus

<b><u>Student</u></b>	<b><u>Mentor(s)</u></b>
Veronica Hode	Edita Navratilova
Emily Jamboretz	Felicia Goodrum
Catherine Jezerc	Ying-Hui Chou
Mira Kaibara	Jennifer Teske
Alexandra Keen	Jean-Marc Fellous & Jessica Andrews-Hanna
Bradley Khanthaphixay	Jeong-Yeol Yoon
Andrew Kim	Jil Tardiff
Kaitlyn Lai	Ying-Hui Chou
Ryan Le	Katalin Gothard
Sarah Lind	Paulo Pires
Gamaliel Luna	Martha Bhattacharya
Matt Lyons	Rayna Gonzales
Sophia Marcinowski	Ross Buchan
Nikki Martin	Salma Patel
Esha Mathur	Julie Armin
Jasmine Meredith	Lalitha Madhavan
Jesus Mota Jr.	Torsten Falk
Ananth Nair	Donata Vercelli
Ronald Palmenberg	Michael Taylor & Matt Cordes
Milin Patel	Salma Patel
Adithi Peedoly	Rebecca Schomer
Darya Pershina	Jeong-Yeol Yoon
Ranon Plett	Frank Duca
Ibrahim Ramadan	Eugene Chang
Anna Ramsook	John Jewett
Asia Richardson	Jon Njardarson
Violet Rowland	Lisa Nagy
Elissa Schiff	Mary Alt
Misty Shah	Salma Patel
Sanjana Shahreen	Nancy Horton
Susan Sharpe	Martha Bhattacharya
Mia Sponseller	Carol Barnes
Ines Studer	Xinxin Ding
Madeleine Tibayan	Jeanne Pemberton
Ethan Tonthat	Nancy Horton
Ivan Vanek	Elena Plante
Anisha Venigalla	Benjamin Renquist
Patrick Viboolmate	Emmanuel Katsanis
Hannah Vu	Haijiang Cai
Maddox West	Melville Wohlgemuth
Lillian Wu	Yitshak Zohar
Meiven Yang	Anthony Bosco

<b><u>Student</u></b>	<b><u>Mentor(s)</u></b>
Suetmui Yu	Ningning Zhao
Forrest Zepezauer	Renee Duckworth & Andrew Capaldi
Charles Zhang	Ross Buchan

***Additional students from UBRP research groups presenting today:***

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Erin Choi	Jennifer Teske
Harvey Harvey	Lisa Nagy
Cassidy Johnson	Haijiang Cai
Tyler Reese	Anna Dornhaus
Garret Wilson	Joanna Masel

**AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS  
SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP (ASPET SURF)**

The ASPET SURF Fellowship, funded by a grant from the American Society for Pharmacology and Experimental Therapeutics, supports five undergraduate students per year to conduct research under the mentorship of UArizona faculty who are members of ASPET. The program's goal is to introduce undergraduate students to pharmacology research using authentic, mentored research experiences to heighten student interest in careers in research and related health care disciplines.

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Emma Gevelhoff	John Streicher
Joseph Mancuso	John Streicher
Nguyen (Tom) Pham	Abhijit Date
Aruna Sreenivasan	Frank Porreca
Alyssa Welborn	John Streicher

**THE BECKMAN SCHOLARS PROGRAM**

The Beckman Scholars Program is designed to help stimulate, encourage and support research activities by exceptionally talented undergraduate students at U.S. universities and colleges. The Beckman Scholarship at the University of Arizona provides funding for students to conduct in-depth research with one of 11 stellar research mentors in UArizona's College of Science.

Funding for this program is provided by the Arnold and Mabel Beckman Foundation.

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Olivia Fernflores	Ryan Gutenkunst
Nicholas Mortimore	Ross Buchan
Douglas Swango	Pascale Charest
Bryce Wilson	Andrew Paek

### **BIOLOGY RESEARCH ABROAD: VISTAS OPEN! (BRAVO!)**

The BRAVO! Program supports University of Arizona undergraduates in gaining a global perspective through summer research experiences abroad. BRAVO! enhances participants' scientific and professional skills and encourages the development of international collaborative relationships, through independent and immersive experiences as participants live and conduct research in a foreign country.

Funding for BRAVO! is provided by private donors.

<b><u>Student</u></b>	<b><u>International Mentor</u></b>	<b><u>UArizona Mentor</u></b>
Ryan Bowser <i>Germany</i>	Michael Gotthardt Max-Delbrück-Centrum für Molekulare Medizin	Carol Gregorio
Alexis Henderson <i>Canada</i>	Clark Dickerson University of Waterloo	Kristen Renner
Sun Woo Kim <i>France</i>	Pier Francesco Ferrari, ICS - Marc Jeannerod	Katalin Gothard
Shinhye (Chloe) Park <i>Scotland</i>	Lilach Sheiner University of Glasgow	Anita Koshy

### **DATA SCIENCES ACADEMY (DSA)**

DSA is an initiative to mobilize researchers across disciplinary boundaries who share a passion for data science, to deepen partnerships with both industry and government agencies, and to challenge students at all degree levels to explore new, innovative domains of expertise, to ensure the nexus between research and education is captured. Support for DSA's summer research positions is provided by the Office of the Provost.

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Chiragdeep Chatur	Joanna Masel
Victoria Garza	Carol Barnes
David Jurkowitz	Travis Wheeler
Isaac Kailat	Michael Taylor
KyeongHee Kim	Kevin Lin
Ella Marshall	Lee Ryan
Natalie Rawlings	Andrew Capaldi
Kiran Smelser	Michael Hammer
Jackson Taylor	Zhongguo Xiong
Lynette Valenzuela	Jennifer Barton

### **ENVIRONMENTAL HEALTH SCIENCES - RESEARCH FOR INDIGENOUS STUDENT ENGAGEMENT (EHS-RISE)**

EHS-RISE, funded by the National Institute of Environmental Health Sciences grant #1-R25-ES34923-01 (Qing-Yu Zhang, Principal Investigator), is an introductory, full-time, and residential summer research

program which aims to increase the representation of Native Americans in the STEM workforce, while supporting students' cultural identity.

<b><u>Student</u></b>	<b><u>Mentor</u></b>
RueShunda Jim	Joseph Hoover
Taylor Massey	Zelieann Craig

**ENVIRONMENTAL HEALTH SCIENCES -  
TRANSFORMATIVE RESEARCH UNDERGRADUATE EXPERIENCE (EHS-TRUE)**

EHS-TRUE, funded by the National Institute of Environmental Health Sciences grant #1-R25-ES025494 (Yin Chen, Principal Investigator), provides students from underrepresented backgrounds with two years of paid training and research experience in an environmental health sciences research laboratory. The goal of EHS-TRUE is to enhance the competitiveness of our undergraduates for post-baccalaureate education in the environmental health sciences.

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Jacqueline Larson	Paloma Beamer
Vivianna Metzler	Zelieann Craig
Venesa Romero	Yin Chen
Melisa Smith	Yin Chen

**PARTNERSHIP FOR NATIVE AMERICAN CANCER PREVENTION (NACP)**

The Partnership for Native American Cancer Prevention (NACP) is a collaboration between Northern Arizona University and the University of Arizona's Cancer Center. The mission of the NACP is to alleviate the unequal burden of cancer among Native Americans of the Southwest through research, training and community outreach programs in collaboration with the communities they serve. The Training Core of NACP at the University of Arizona is led by Dr. Jennifer Bea, and funding for NACP is provided by the National Cancer Institute Grant #2U54CA143924.

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Tanjia Clarkson	Yitshak Zohar
Leyla Cordova	Jianqin Lu
Allan Paxson	Anne Cress
Will Roman	Jeong-Yeol Yoon
Halie Tewa	Heidi Brown

***Additional NACP students from Northern Arizona University presenting today:***

<b><u>Student</u></b>	<b><u>Mentor</u></b>
Feather Eagleman	Naomi Lee
Marinca Faimau	Naomi Lee

**We are also excited for student presenters from the Maximizing Access to Research Careers (MARC) program to be presenting their posters today!**

**MAXIMIZING ACCESS TO RESEARCH CAREERS**

The MARC Program is a unique research, mentoring, financial and academic opportunity for undergraduates belonging to a group considered underrepresented in biomedical research and who have the interest and potential to pursue a PhD or combined PhD (e.g. MD/PhD) degree. The program is a two-year program intended for the last two years of a student's enrollment at the University of Arizona.

**Student**

Delina Denogean  
Moses Foiryolo  
Jacob Keroack  
Kayma Konecny  
Ika Lin  
Cassidy Little  
Paige Wene

**Mentor(s)**

Joyce Schroeder  
Elizabeth Hutchinson  
Arthur Riegel & Scott Killgore  
Dongkyun Kang  
John Jewett  
Elizabeth Hutchinson  
Lalitha Madhavan