



RESEARCH NEWS



NOTES FROM THE ADRGS



Welcome to the first edition of the ADRGS newsletter. We are excited to present the highlights from the school's research enterprise and Graduate student's accomplishments. Join us in celebrating the excellent research and the people who accomplish many great discoveries in our school!

Manisha Patel, PhD
Associate Dean of Research
and Graduate Studies



Karen Kimes, MBA, Director
of Research Administration



Isabella Jaramillo, Graduate
Program Administrator

27TH ANNUAL SSPPS RESEARCH RETREAT

The spirit of collaboration and achievement was front and center at this year's Annual Research Conference. Over 100 attendees had their choice of three concurrent sessions to attend and talks that included a featured guest speaker as well as three campus keynotes.

With campus-wide research projects, new funding opportunities, team science presentations, student poster sessions, and the presentation of several distinguished awards there were abundant opportunities for networking.

We hope to see everyone again next year.



SSPPS RESEARCH RETREAT AWARDS

Poster Presentation Winners

- Best Research Poster or Presentation by a Graduate Student, Pharmaceutical Sciences - Lauren Thompson
- Best Research Poster or Presentation by a Graduate Student, Toxicology - Alexandra Ward
- Best Research Poster or Presentation by a Graduate Student, Pharmaceutical Outcomes Research - Nicholas Mendola
- Best Research Poster or Presentation by Other Professional Participants (PRAs, masters and undergraduate students, postdocs) - Jeffrey Kearns
- Best Research Poster Pitch by Any Eligible Poster Presenter - Hannah Work
- Graduate Student Service Award - Casey Patrick



Nicholas Mendola and David Bain, PhD



Rebecca McCullough, PhD and Lauren Rutt

Teaching and Mentoring Awards

The Department of Pharmaceutical Sciences recognizes the following teaching awards:

- Excellence in Pharmaceutical Sciences Doctoral Teaching Award- Tom Anchordoquy, PhD
- Excellence in Toxicology Doctoral Teaching Award- Rebecca McCullough, PhD
- Excellence in Pharmaceutical Sciences Master's Teaching Award- David Kroll, PhD

The Associate Dean of Research and Graduate Studies recognizes the following award:

- Excellence in Graduate Mentoring Award- Jared Brown, PhD

Harold C. Heim Award Winners

- Pharmaceutical Sciences PhD Graduate Program - Lana Salah
- Toxicology PhD Graduate Program - Paige Anton
- Pharmaceutical Outcomes Research PhD Graduate Program - Vanessa Patterson



Krishna Mallela, PhD, Lana Salah, PhD, Laura Saba, PhD, Heather Anderson, PhD, Vanessa Patterson, Rebecca McCullough, PhD, Paige Anton and Warren Heim

CONGRATULATIONS 2023 GRADUATES

Manisha Patel, PhD, Associate Dean of Research and Graduate Studies; Raj Agarwal, PhD, Professor and Interim Chair; along with Program Directors, Jared Brown, PhD, David Kroll, PhD, Laura Saba, PhD, and Program Administrator, Isabella Jaramillo offer their sincere congratulations to the 2023 class of graduates.

Pharmaceutical Sciences Graduate Program

Lana Salah, PhD



Lana Salah, PhD and Jennifer Kiser PharmD, PhD

Toxicology Graduate Program

Lan Chen, PhD
Keegan Rogers, PhD



Jared Brown, PhD and Keegan Rogers, PhD

Pharmaceutical Sciences Masters Program

Farah Abdelmawla, MS
Andrew Basalla, MS
Sophia Clune, MS
Charles Bryan Corey, MS
Jordan Palan, MS
Riley Randolph, MS
Nour Tobeh, MS
Juhi Parsana, MS
Monica Pittiglio, MS
Allison Evans, MS
Diksha Diundi, MS

WELCOME NEW STUDENTS

Pharmaceutical Sciences PhD Graduate Program

Daniel Breiner
Alexandra Dunbar
Brianna Hunt
David Nerguizian

Toxicology PhD Graduate Program

Stephanie Bersie
Sophia Clune
Carly Chesterman
Taylor Lehner
Emily Mitchem
Chanapa Mann

Pharmaceutical Sciences Masters Program

Emma Carpenter
Sierra Coonts
John Davey
Fabiola Estrada
Brandon Finley
Natalie Goetz
Mackenzie Lyon
Gabriela Morales
Emma Myers
Elnaz Navid
Thanh Nguyen
Akanksha Pawar
Praveen Ramaswamy
Jenna Schwenk
Alec Teel
Evelyn Tomaszewski
Ginger White
Jack Wieman

"You've each brought such diverse perspectives to our learning community and we're delighted to contribute to your personal and professional growth."

GRANT RECIPIENTS

Congratulations to the Skaggs Scholar Grant recipients this cycle:

- Dr. Kelly Anderson with Dr. Mattingly from Utah for the project titled "Predicting Operational Sustainability and Patient- and Pharmacist-level Effects for Retail Pharmacies (PROSPER)."
- Dr. Melanie Joy with Dr. Awdishu from UCSD project titled "Genetics of Drug-Induced Kidney Disease."
- Dr. Dan LaBarbera with Dr. Metcalf from Utah project titled "Development of Small Molecule Agonists for Galanin Receptors with Antiseizure Efficacy."
- Dr. Robert Page with Dr. Hernandez (UCSD) and Dr. Blackburn (Montana) for their project titled "Effect of Extreme Heat and Wildfire Smoke on Health Outcomes and Costs in Vulnerable Populations with Cardiovascular Disease in the Western US: A Geospatial Analysis."
- Dr. Phil Reigan with Dr. Natale from Montana project titled "Dual Targeting of DNA and Energy Metabolism by Anthracenyl Isoxazole Amides in Leukemia."
- Dr. Dmitri Simberg with Dr. Goel from Utah project titled "Opto-acoustic Imaging (OAI) for Understanding and Predicting Skin Toxicities of Anticancer Drugs."

Optimism is the faith that leads to achievement. Nothing can be done without hope and confidence.
- Helen Keller



The following are some of the grant awards we have received recently:

- Congratulations to Manisha Patel on her ABNexus Award – a collaboration with Jerry Stitzel at CU Boulder for the project “Multi-generation Impact of Developmental Nicotine Exposure on Mitochondrial Function”
- Dr. Shaodong Dai and his Research Associate Munendra Tomar were awarded Travel Awards from the American Association of Immunologists.
- Dr. Catalano received R01 Renewal for his project “Structure and Function of Essential Nucleoprotein Complexes Along a Viral Genome Packaging Pathway.” A 4-year award.
- Courtney McGinnis received an F31 grant. She is one of the first students to have been awarded a TL1 and F31.
- Daniel Foster was awarded the TL1 grant.

ADRGs ADVISORY COUNCIL KICK-OFF

The inaugural meeting of the ADRGS Advisory Council was held on March 29, 2023, led by Manisha Patel, PhD, Associate Dean of Research and Graduate Studies. The council consists of members from both SSPPS departments and includes Jacqui Bainbridge, David Bain, David Kroll, Heather Anderson, Jared Brown, Isabella Jaramillo, and Karen Kimes. We look forward to hearing more from the council as they move forward.

NOTEWORTHY

- Congratulations to David Kroll for his mention in an NBC News story regarding the study he worked on "Experimental Drug for Marijuana Addiction."
- Very proud of Jared Brown's recent invitation to serve as a Member of the Environmental Health Sciences Review Committee by the NIH Director. This is well deserved!



GORDON RESEARCH SEMINAR & CONFERENCE RECAP

The Gordon Research Seminar & Conference on Alcohol-Induced End Organ Diseases was held last March. Trainees in the alcohol research field shared their latest work, networked with each other, and with established scientists gaining insights from alcohol researchers across the US and the globe. In line with the expectations of Gordon Research Conferences, new and unpublished data at the forefront of the field spurred rich discussion and is sparking new ideas. All of the trainees, including the 4 students who attended the GRS from the toxicology program, received valuable insights into the field of alcohol research.



COMING SOON

Wednesday, October 18 Anschutz Accelerator Initiative

Applications for the 13 LOI's that were accepted for the Anschutz Accelerator Initiative are due on Wednesday, October 18, 2023.

MORE INFO

Thursday, August 31, 5 PM

Applications for the 2023 Gates Grubstake Awards are now being accepted. [Gates Institute](#) and [CU Innovations](#) annually make multiple awards of up to \$350,000 to investigators performing research and development in the following categories:

- Cell and gene therapies
- Diagnostics and research tools
- Devices and implants
- Platform technologies

APPLY

Helen Gretchen Tilden Travel Award

We are grateful to receive a generous travel fund for Toxicology Graduate Students attending conferences in the spring and fall of each year.

This spring there will be three winners selected. Each winner will be awarded \$500.00 to assist with the travel costs of attending conferences.

Students are to send in their self-nominations to Isabella Jaramillo and Jared Brown no later than 3 weeks prior to the spring or fall conference they wish to attend.

SELF-NOMINATE

Congratulations, to Scott Tilden, our spring 2023 award recipient!

