

UC Davis Symposium on Agricultural, Environmental and Social Sciences: *Celebrating the Agricultural Experiment Station's Impact on California*

Wednesday, May 1, 2024 • 8:30 a.m. – 5:30 p.m. • UC Davis Conference Center

The UC Davis College of Agricultural and Environmental Sciences (CA&ES) welcomes you to today's symposium where we are celebrating the impact of research funded by the Agricultural Experiment Station (AES) and highlighting the specific contributions of CA&ES faculty members.

For more than 100 years, CA&ES has stayed rooted in groundbreaking research and a steadfast commitment to addressing the most pressing issues facing California in agriculture, the environment, and human and social needs. Our scientists continue to discover and apply solutions that directly affect communities today, while at the same time, pioneer answers for issues we have yet to foresee or encounter.

The symposium centers on four important themes and features the work of expert panelists on air, water, healthy food and communities, and working lands and people. Attendees will hear from several speakers, including faculty from across the college, community partners and keynotes from public leaders.

Today's goal is to shine a spotlight on how the college uses Agricultural Experiment Station public funding to contribute to research efforts that benefit California.



Air

The air we breathe affects our communities, environment, human health and economy and is fundamental to life. CA&ES scientists are changing lives by better understanding and improving air quality through innovation, research and environmental justice.



Water

Water is essential to life, from providing drinking water and supporting wildlife habitat to irrigating crops that feed the nation. CA&ES scientists are thinking positively about the affects and use of water management, collection and distribution of water in California.



Healthy Food and Communities

Access to healthy food is at the foundation for thriving communities, and our researchers study the food cycle from farm to table and all the steps in between. CA&ES scientists research all of the elements—nutrition, agriculture, environment and, community engagement—and how access plays a critical role in cultivating a healthy life.



Working Lands and People

California is rich in diverse environments and people, from the mountains to the ocean and all the cities, deserts and ecosystems in between. CA&ES scientists look at how these areas intersect to benefit communities, industry, our food supply, the environment and climate change.

Agenda

8:30 – 9:15 a.m.

Welcome

Registration and Breakfast

9:15 a.m.

Opening Remarks

Helene Dillard, Dean, College of Agricultural and Environmental Sciences, UC Davis

9:30 – 10:45 a.m.

Air



Moderator: **Cort Anastasio**, Land Air and Water Resources

Lightning talk: **Ermias Kebreab**, Associate Dean, Animal Science

Lightning talk: **Yufang Jin**, Land, Air and Water Resources

Panelist: **Clare Cannon**, Human Ecology

Panelist: **Qi Zhang**, Environmental Toxicology

Panelist: **Kyaw Tha Paw U**, Land, Air and Water Resources

Panelist: **Rajinder Sahota**, California Air Resources Board

11 a.m.– 12:15 p.m.

Water



Moderator: **Andrew Whitehead**, Chair, Environmental Toxicology

Lightning talk: **Helen Dahlke**, Land, Air and Water Resources

Lightning talk: **Andre Daccache**, Biological and Agricultural Engineering

Panelist: **Anne Todgham**, Chair, Animal Science

Panelist: **Jonathan London**, Human Ecology

Panelist: **Luis Diaz-Garcia**, Viticulture and Enology

Panelist: **Isaya Kisekka**, Biological and Agricultural Engineering and Land, Air and Water Resources

Panelist: **Stuart Woolf**, Woolf Farming Company

12:15 – 1:15 p.m.

Lunch and Poster Session

1:15 p.m.

Afternoon Keynotes

Wade Crowfoot, Secretary, California Natural Resources Agency

Kim McCoy Wade, Senior Advisor on Aging, Disability and Alzheimer's, Office of Governor Gavin Newsom

1:45 – 3 p.m.

Healthy Food and Communities



Moderator: **Christopher Simmons**, Chair, Food Science and Technology

Lightning talk: **N. Claire Napawan**, Human Ecology

Lightning talk: **Lauren Au**, Nutrition

Panelist: **Christine Diepenbrock**, Plant Sciences

Panelist: **Brittany Chambers**, Human Ecology

Panelist: **Jesus Barajas**, Environmental Science and Policy

Panelist: **Timothy Beatty**, Agricultural and Resource Economics

Panelist: **Jennifer Falbe**, Human Ecology

Panelist: **Alfred Melbourne**, Three Sisters Gardens

3:15 – 4:30 p.m.

Working Lands and People



Moderator: **Mark Lubell**, Environmental Science and Policy

Lightning talk: **Majdi Abou Najm**, Land, Air and Water Resources

Lightning talk: **Emily Schlickman**, Human Ecology

Panelist: **Rachel Vannette**, Entomology and Nematology

Panelist: **Joanne Emerson**, Plant Pathology

Panelist: **Valerie Eviner**, Plant Sciences

Panelist: **John Eadie**, Wildlife, Fish and Conservation Biology

Panelist: **Eric Holst**, Environmental Defense Fund

4:30-4:45 p.m.

Closing Address

Karen Ross, Secretary, California Department of Food and Agriculture

4:45 – 5:30 p.m.

Reception, networking and poster session

Visit the Agricultural Experiment Station web site to learn more about the program.



For more information on how to connect with the College of Agricultural and Environmental Sciences, please contact **Melissa Haworth** at mdhaworth@ucdavis.edu or 530-979-1440.

