

Concurrent Sessions 1

1-A Building a Strong UC ANR Community Together

Salon A1

Tuesday, April 25, 3:30-5 PM

Building a strong community is everyone's responsibility. In this dynamic session, we will engage in large and small group breakout discussions to come up with ideas on how we can collectively help employees feel valued and supported. We will explore UC ANR's Principles of Community and examine tools and practices for enhancing the employee experience such as onboarding and building connections with colleagues across the state. Let's discuss what's working and what needs to be changed. Information gathered will be used to inform UC ANR processes in the future.

Speakers:

Jodi Azulai, *Learning and Development Coordinator*

Bethanie Brown, *Interim Executive Director, Human*

Darren Haver, *Associate Director, UC ANR REC System*

Tina Jordan, *Academic HR Manager*

Jona Pressman, *Nutrition Education Program Manager, UCCE Butte*

Becky Sisman (invited), *Academic HR Supervisor*

1-B Social Media Best Practices for Program Outreach (Advanced)

Salon-B

Tuesday, April 25, 3:30-5 PM

Already managing a personal or business social media account? Join us for a session focused on new features and tools to engage online audiences. Attendees will leave with a better understanding of the latest social media trends and how they can be leveraged to grow your outreach. Q&A session included.

Moderated by:

Hanif Houston, Associate Director, Communications and Marketing, The Vine

Speakers:

Luca Carmignani, *Fire Advisor, South Coast REC*

Samuel Sandoval, *Water Resources Professor and Cooperative Extension Specialist*

Doralicia Garay, *UC ANR Social Media Strategist*

Saoimanu Sope, *UC ANR Digital Communications Specialist*

1-C Innovations in Community Economic Development

Salon D2

Tuesday, April 25, 3:30-5 PM

This session will explore opportunities to expand UC ANR's Community Economic Development (CED) activities, share best practices and provide templates to design CED strategies. Topics include leveraging corporate partnerships, county fairgrounds as CED incubators, Community Economic Resilience Fund (CERF), regional industry cluster development, and more. Participants will hear from a number of UC ANR partners regarding opportunities for expanded CED efforts across the state.

Moderated by:

Keith Taylor, Assistant Cooperative Extension Specialist in Community Economic Development, UC Davis

Speakers:

Leslie Edgar, *Director, New Mexico State University Agricultural Experiment Station*

Stephanie Gripne, *Founder and CEO, Impact Finance Center*

Ish Herrera, *Director, Regional Stewardship CA Forward*

Glenda Humiston, *Vice President, UC ANR*

Alejandra Sanchez, *Corporate Social Responsibility Marketing Manager, Driscoll's*

Connie Stewart, *Executive Director of Initiatives, CalPoly Humboldt*

1-D Forging New Partnerships to Engage Communities in Strengthening Local Food Systems

Salon C

Tuesday, April 25, 3:30-5 PM

By taking a public health and health equity-driven approach to our work, Cooperative Extension is positioned to be an important player in collaborating with communities and partners to strengthen long-term sources of healthy foods accessible to all. Join presenters from three unique external agencies working on Farm to School programs, community and school gardens, and farmers markets. Participants will be able to connect with new organizations and each other to discuss challenges, roadblocks and new opportunities for robust interdisciplinary engagement.

Speakers:

Rethinking Farm to School

Alexa Norstad, *Executive Director, Center Ecoliteracy*

Best Practices for Community Engagement Through Community Gardens

Diana Campos-Jimenez, *Interim Executive Director, Los Angeles Community Garden Council*

Increasing Healthy Food Access and Affordability at Farmers Markets
Allen Moy, Executive Director, Pacific Coast Farmer's Market Association

1-E Career Development for Academics – Introducing ANR’s Membership with the National Center for Faculty Development & Diversity

Salon D1

Tuesday, April 25, 3:30-5 PM

Starting March 1, 2023, UC ANR will be a new member organization with the National Center for Faculty Development & Diversity (NCFDD; <https://www.facultydiversity.org>).

In this panel session, NCFDD strategist Molly Beste will provide a short overview and introduction of the NCFDD platform to ANR academics. This will be followed by further introductions of NCFDD services by Daniel Obrist - Vice Provost for Academic Support and Development, Tina Jordan - Interim Director of Academic HR, and Kathy Nolan - Director Contracts and Grants. Discussions will be organized around the four training areas of the NCFDD platform:

1. Strategic Planning: Learn how to plan your academic year, your term, and your weekly schedule in a way that is aligned with your tenure and promotion criteria.
2. Explosive Productivity: Learn the skills and strategies that will help you to publish more research, win more grants, and manage your internal resistance to writing.
3. Healthy Relationships: Learn how to manage your professional relationships and build a thriving network of mentors, sponsors, and collaborators.
4. Work-Life Balance: Learn how to reduce your stress, prioritize your self-care, and find balance in your personal and professional life.

NCFDD is the leading provider of professional development in higher education. Nationally, NCFDD is working with over 300 colleges and universities and provides on-demand access to mentoring, tools, and support needed to be successful in the Academy. Their four key training areas provided by NCFDD include strategic planning, explosive productivity, healthy relationships, and work-life balance, with the goal to achieve extraordinary writing and research productivity while maintaining a full and healthy life off campus.

Speakers:

Molly Beste, *Strategist, National Center for Faculty Development & Diversity*

Daniel Obrist, *Vice Provost for Academic Support and Development*

Tina Jordan, *Manager, Academic HR*

Kathy Nolan (Invited), *Director, Contracts and Grants (invited)*

1-F Decision Support Tools

Salon D3

Tuesday, April 25, 3:30-5 PM

UC ANR engages with numerous stakeholders across a wide array of sectors and disciplines, all of which generate vast amounts of highly technical information. Our challenge is transforming that data into something both useful and meaningful that can enable end users to make informed decisions. In this session, presenters will showcase a number of unique, online, interactive decision support tools. They will highlight the problems they address, and how they may be applied across different client groups and UC ANR programs. Participants will engage with presenters and each other on how best to employ tools to generate successful outcomes.

Moderated by:

Maggi Kelly, *Professor & Cooperative Extension Specialist, UC Berkeley*

Speakers:

CropManage Irrigation and Nutrient Management Decision Support Tool

Michael Cahn, *Irrigation and Water Resources Advisor (Monterey Co.)*

Novel Weather Data Helps Growers Address Risks of Frost and Spray Drift

Mark Battany, *Water Management and Biometeorology Advisor, UCCE San Luis Obispo and Santa Barbara*

Urban & Community Pest Identification Tools

Karey Windbiel-Rojas, *Associate Director, Urban & Community IPM & Capital Corridor IPM Advisor*

Land-Use Planning Support Tools

Catherine Brinkley, *Faculty Director, Center for Regional Change, UC Davis*

Interactive Tools for Soils and Working Lands

Toby O'Geen, *Professor and Cooperative Extension Specialist, UC Davis*

1-G What's New in the World of Water?

Salon A2

Tuesday, April 25, 3:30-5 PM

California's scarce water resources are shared by agriculture, industry, the environment, and every individual in the state. Come learn about the breadth of UC ANR work in water as you hear about pressing water issues, UC ANR's research, interesting activities, and innovative solutions. Speakers represent various program areas, giving you a chance to discover new resources and meet new collaborators.

Speakers:**Planning and Preparing for Sustainable Groundwater Management**

Thomas Harter, *Cooperative Extension Professor for Groundwater Resources in Agriculture, UC Davis*

Storing More Water Through Intentional Groundwater Recharge

Helen Dahlke, *Associate Professor in Integrated Hydrologic Sciences, UC Davis*

Irrigated Agriculture and Drought Adaptation

Khaled Bali, *Cooperative Extension Specialist in Irrigation Water Management, Kearney REC*

Promoting Water System Consolidations to Advance Equity and Resilience

Kristin Dobbin, *Assistant Cooperative Extension Specialist in Water Justice Policy and Planning, UC Berkeley*

Enabling Consumption of Water: the Example of Schools

Christina Hecht, *Senior Policy Advisor, Nutrition Policy Institute*

Water Wizards - Youth Water Education Program & Civic Engagement

Marianne Bird, *4-H Youth Development Advisor, UCCE Sacramento*

Mallika Nocco, *Assistant Cooperative Extension Professor in Soil-Plant-Water Relations and Irrigation Management, UC Davis*

Concurrent Sessions 2**2-A Best Practices to Reach Out to the Latino Community**

Salon A2

Wednesday, April 26, 8:45-10:15 AM

This workshop is geared towards community educators and communicators and will outline updated best practices for culturally relevant engagement with the Latino community. During this session, two-time Emmy Award winner Gustavo Barraza, journalist Lilia O'Hara, and Radio Indigena Manager Jorge Rios will share how to pitch a compelling story for Spanish television, radio and other media coverage and how best to partner with the media to benefit the Latino community.

Speakers:

Lilia O'Hara, *Journalist, Author and Editorial Director, The San Diego Union-Tribune en Español*

Gustavo Barraza, *NBC/Universal Telemundo Assignment Desk Manager*

2-B Hard Time Describing UC ANR? Learn Tips to Avoid Making It a Mouthful

Salon D2

Wednesday, April 26, 8:45-10:15 AM

How do you describe your work at UC ANR? Does alphabet soup come out and you're bored listening to it, too? Learn tips and tricks for how to be engaging and relatable to new audiences. Goals of this session include: effective communication, relationship building, storytelling, and branding.

Speaker:

Anne Megaro, *Director, Government and Community Relations*

2-C The Visual Storytelling Toolkit

Salon A1

Wednesday, April 26, 8:45-10:15 AM

Communicate the impact of your work and reach new audiences through compelling visual storytelling. This interactive and engaging workshop for UC ANR staff and academics will focus on photographic composition, lighting, sound, and editing. Participants of all skill levels will learn the basics of communicating using moving pictures.

Speaker:

Ethan Ireland, *Senior Videographer*

2-D How to Engage Donors so Everyone Wins!

Salon D3

Wednesday, April 26, 8:45-10:15 AM

Why do Funders Give? Let's start by asking them! Donors are increasingly focused on the outcomes and impacts achieved through their giving. How can we capitalize on this impact-focused approach to fund raising? Are we relating to donors as partners in a shared purpose, or do we take their support for granted? Join the Development Services team and colleagues from across the UC ANR community to learn some easy and effective tips to engage funders from the private and public sectors in support of your program or research. Because fundraising is a team effort, this interactive presentation is designed for all ANR staff and academics and will explore ways to increase your confidence and minimize stress when raising funds, and listen to funders to determine where their interests intersect with our mission. Participants will learn strategies for creating a team approach to seeking support where everyone plays a role and building loyal and fulfilling relationships through authentic stewardship opportunities.

Moderated by:

Gregg Gibbs, *Executive Director, Development Services*

Speakers:

Anne Megaro, *Director, Government and Community Relations*

Houston Wilson, *Director, UC Organic Agriculture Institute*

Jairo Diaz, *Director, UC Desert Research & Extension Center*

Laura Snell, *County Director and Livestock & Natural Resources Advisor, UCCE Modoc*

John Bailey, *Director, UC Hopland Research & Extension Center*

Karmjot Randhawa, *Director, UCCE Fresno*

Anne Schellman, *UCCE Master Gardener Coordinator, UCCE Stanislaus*

Beth Grafton-Cardwel, *Emeritus Entomology Cooperative Extension Specialist (via Zoom)*

2-E How and When Do Adults Learn Best?

Salon B

Wednesday, April 26, 8:45-10:15 AM

Teaching adults can be challenging. How do we create a space where adults can be present and ready to learn? Once they are ready, how do we structure workshops or classes to best facilitate learning and retention? In this session, presenters will use brain science and educational theory to provide simple and effective strategies for creating inclusive and impactful community learning opportunities. Participants will have opportunity to learn, reflect, and plan for the implementation of these strategies in their work.

Speakers:

Amanda Crump, *Associate Professor, International Agricultural Development, UC Davis*

Kathryn L. Teixeira, *Assistant Professor of Teaching, Agricultural and Environmental Education, UC Davis*

Alejandra Morales, *Network Engagement Manager, Leah's Pantry*

2-F Cross Collaboration Best Practices

Salon C

Wednesday, April 26, 8:45-10:15 AM

Working collaboratively is critical to our success. This session will explore the fundamentals, challenges, and outcomes of successful cross-program research and extension collaboration. Presenters will provide examples of successful methodologies, helpful technical tools, and lessons learned. Participants will engage with presenters and colleagues in thinking of novel ways to build and sustain partnerships that will enhance the impact of our collective work.

Moderated by:

Jacalyn Mara Beck, *Academic Programs Manager, Hopland and Sierra Foothill RECs*

Speakers:**Toolkit for Building Cross-Program Partnership with Specific Examples From EFNEP, MG, MFP**

Dee Denton, Master Food Preserver Coordinator, San Bernardino County

Christine Davidson, EFNEP Program Supervisor, San Bernardino, Riverside Counties

Maggie O'Niell, Master Gardener Program Coordinator and Environmental Education Program Supervisor

Leveraging Technology to Build Partnerships

Maggi Kelly, Professor and Cooperative Extension Specialist, UC Berkeley

How Can an Individual Advisor Build Partnerships for Success?

Beatriz E. Nobua Behrmann, Urban Forestry and Natural Resources Advisor (Orange & LA Counties)

Building Novel Partnerships with the RECs

Darren Haver, Associate Director, UC ANR REC System

From Challenges to Opportunity

Jacalyn Mara Beck, Academic Programs Manager, Hopland and Sierra Foothill RECs

2-G Helping Communities Learn to Live with Wildfire

Salon D1

Wednesday, April 26, 8:45-10:15 AM

Together with our partners, UC ANR is working to help Californians of all ages and their communities learn ways to mitigate, adapt to, and live with wildfire. Join presenters from diverse program areas as they share ways in which UC ANR fire science and extension programs are supporting policy, forest and wildland management, individual homeowners, and urban decision-makers in their efforts to reduce risks to property and ecosystems.

Moderated by:

Ricky Satomi, *Forestry Advisor, UCCE Sutter-Yuba, Butte, Nevada*

Speakers:**Are Less Irrigated Plants More Flammable?**

Luca Carmignani, Fire Advisor, UCCE Orange, Los Angeles, Riverside, San Diego

How Can Homes Survive Wildfire?

Yana Valachovic, *Forest Advisor and County Director, UCCE Humboldt and Del Norte*

How Do We Teach Youth About Wildfire?

Hannah Bird, *Community Educator, Hopland REC*

How Can We Promote Forest Resilience to Wildfire and Drought?

Ryan Tompkins, *Forest and Natural Resources Advisor, UCCE Plumas, Sierra, and Lassen*

How to Design and Maintain Fire-Smart Residential Landscapes

Mimi Enright, *Program Manager, UC Master Gardener Program of Sonoma County & Community Food Systems*

Concurrent Sessions 3**3-A Leap Into Your Career-Tips and Tools for Your Professional Roadmap**

Salon A1

Wednesday, April 26, 10:45 AM- 12:15 PM

Join us for a dynamic panel discussion where colleagues share their career journeys - challenges they faced, resources they utilized, and the wisdom they've gained to continue to grow and develop. Participate in hands-on activities to create your Board of Advisors and create a Wheel of your career, both which are great tools for developing a career roadmap. This session is geared towards staff but open to all UC ANR employees.

Moderated by:

Scott Brayton, *Donor Relations Officer & Staff Assembly Chair*

Speakers:

Bethanie Brown, *Interim Executive Director, Human Resources*

Kathy Eftekhari, *UC ANR Chief of Staff*

Greg Gibbs, *Executive Director, UC ANR Development*

Lynn Schmitt-McQuitty, *Interim Director, County Cooperative Extension and Statewide 4-H Director*

Nikolai Schweitzer, *Agricultural Supervisor, Sierra Foothill REC*

Danielle Lee, *Policy Analyst, UC ANR Nutrition Policy Institute*

3-B Social Media 101: Basic Principles of Managing Online Communities

Salon A2

Wednesday, April 16, 10:45 AM - 12:15 PM

We invite you to learn the basic principles of managing online communities via social media channels. Attendees will leave with a basic understanding of social media best practices like how to launch business profiles and increase followers and engagement. Q&A session included.

Speakers:

Doralica Garay, *UC ANR Social Media Strategist*

Saoimanu Sope, *UC ANR Digital Communications Specialist*

Hanif Houston, *Associate Director, Communications and Marketing, The Vine*

3-C Grant Funding 101

Salon D1&2

Wednesday, April 26, 10:45 AM-12:15 PM

Learn what to expect when your proposal is funded, from receiving the Good News Letter to Monitoring Subawardees, to reporting to the sponsor. This session will provide principal investigators information on the roles and responsibilities of the different offices during the C&G life cycle from Proposal through Closeout and will cover how Academic Salary Savings allow academics to charge their salaries to extramurally-funded projects and utilize the salary savings for their programmatic needs. The session will also provide information on Cost Sharing in an extramurally-funded project and when it should be utilized.

Speakers:

Kathleen Nolan, *Director, Contracts and Grants*

Su-Lin Shum, *Director, Business Operations Center*

3-D Innovations in Weather and Climate Science, Tools, and Data

Salon B

Wednesday, April 26, 10:45 AM-12:15 PM

Weather and climate data is foundational to UC ANR research and extension. Since 2000, sources of weather and climate data and the technologies used to access them have expanded dramatically and are continuing to evolve. ANR researchers will overview projects that make use of novel weather and climate data sources and technologies, discuss cross-cutting needs, and identify opportunities for collaboration and innovation. During this engaging session, participants will learn about new research, data and tools that can be applied to their own work

and will have opportunities to facilitate future collaborations and continue the discussion beyond this session.

Moderated by:

Andy Lyons, Program Coordinator, Informatics and GIS Statewide Program
Cameron A. T. Zuber, Orchard Crops Farm Advisor, UCCE Merced and Madera

Speakers:

The New CalAgroClimate Decision Support Portal for Growers

Tapan Pathak, Associate Cooperative Extension Specialist in Climate Adaptation in Agriculture, Dept. Civil and Environmental Engineering, UC Merced

Improving Weather-Driven Pest Development Models

Jim Farrar, Director, Statewide IPM Program

New Technologies for Transforming Research into Decision Support Tools

Shane Feirer, GIS Manager, Informatics and GIS Statewide Program

Improving Pest Predictions and IPM Efficacy Through a Regional Network of Smart Traps

Houston Wilson, Assistant Cooperative Extension Specialist, Dept. of Entomology, UC Riverside

Combining Biometeorological and Physiological Data to Improve Winter Chill Accumulation Calculation in Cherry Orchards

Giulia Marino, Extension Specialist in Orchard Systems, Kearney REC

Using Weather and Climate Data to Identify Climate-Ready Landscape Trees to Cool Urban Heat Islands

Janet Hartin, Area Environmental Horticulture Advisor, UCCE San Bernardino, Los Angeles, Riverside

3-E Welcoming Diverse Participants into Cooperative Extension Programming
Salon C

Wednesday, April 26, 10:45 AM-12:15 PM

This interactive workshop will invite participants to explore promising practices to welcome diverse participants into Extension programming. The goal of the session is to support ANR professionals in effectively strengthen diversity, equity, inclusion, and belonging into cooperative extension (CE) research and educational programming. It is not sufficient or acceptable to merely say a program is open to all without making bold changes to ensure the program is relevant, inclusive and equitable. This workshop will allow CE professionals to engage in conversations about where their program is at, what is going well, where we are making mistakes, the barriers or anticipated barriers for participation, and what needs to

change to truly engage and welcome diverse participants. The workshop will utilize nationally developed fact sheets to guide participants in discussion, reflection, and planning in order to move forward in our efforts to engage participants inclusively and equitably across program areas. These fact sheets include practical resources and considerations that can inform how we co-design, co-deliver and co-evaluate our programs in partnership with the communities in which we hope to better engage.

Speakers:

Katherine Soule, *Health Equity Advisor, UCCE San Luis Obispo and Santa Barbara*
Kit Alviz, *Program Planning and Evaluation Analyst*

Co-authored by: Fe Moncloa, 4-H Youth Development Advisor, UCCE Santa Clara

3-F Empowering Community Adaptation to Wildfire

Salon D3

Wednesday, April 26, 10:45 AM-12:15 PM

Through research and education, UC ANR and its partners are helping Californians of all ages and their communities learn about the drivers of wildfire and options for responding and adapting. Presenters from diverse program areas will share advances and beneficial impacts from fire science, extension delivery, and collaborative learning events aimed at reducing wildfire risks to property and ecosystems. Participants will engage with presenters and colleagues to explore ways in which UC ANR translates research into practice and policy.

Moderator:

Rebecca Ozeran, *Livestock and Natural Resources Advisor, UCCE Fresno, Madera*

Speakers:

Engaging Youth through Fireworks and Project Learning Tree Curriculums

Cindy Chavez, CA Project Learning Tree Coordinator

Forest Stewardship and Fire Adaptation for Forest Landowners

Susie Kocher, Forestry and Natural Resources Advisor, UCCE Amador, Calaveras, Tuolumne, El Dorado

Fire Models Informing Policy and Adaptation Decisions

Max Moritz, Cooperative Extension Wildfire Specialist/Adjunct Professor, Bren School of Environmental Science & Management, UC Santa Barbara

Targeted Grazing for Public Health and Safety

Devii Rao, Livestock and Natural Resources Advisor, UCCE San Benito, Monterey, Santa Cruz

Supporting Farmers in Their Wildfire Resilience Role

Amber Schat, Wildfire Resilience Specialist, The Community Alliance with Family Farmers (CAFF)

Concurrent Sessions 4

4-A Conflict Competence: Listening to Be Heard

Salon C

Wednesday, April 26, 1:30-3:00 PM

Do you feel like your ideas and perspectives are not being heard? Have you ever felt stuck in a dynamic of defensive and attacking behaviors that break down communication and cause significant stress? One way to help people listen to us and restore communication channels is by first helping them feel heard. When both people feel heard and understood, the chances of reaching a lasting resolution dramatically increase, relationships improve, and you can ultimately find greater success at work. This highly interactive course provides techniques to identify and overcome listening barriers, listen for what is not being said, make another person feel heard, and lower defensiveness around tense topics.

Speaker:

Lindsey Dunning, *UC Davis Ombuds Associate*

4-B Communicating Science with Lay Audiences

Salon B

Wednesday, April 26, 1:30-3 PM

Effective communication of science should not be one-way or top-down. The best communicators work collaboratively to communicate with people rather than to them. This session will explore multiple communication topics, including the role of storytelling, building trust, personalizing messaging, and making messaging clear/relevant. In this interactive session, participants will learn strategies to mitigate challenging scenarios such as communicating in times of crisis, when misinformation is high, and to audiences with multiple literacy levels.

Speakers:

Sarah-Mae Nelson, *Climate Stewards Academic Coordinator, California Naturalist Program*
Amanda Crump, *Associate Professor, International Agricultural Development, UC Davis*

4-C Expanded Learning Partnerships and Funding Landscape

Salon A1

Wednesday, April 26, 3:30-6 PM

California invests in a robust Expanded Learning (EL or afterschool) network of programs and supportive infrastructure housed in the Department of Education. Across the state, EL collaborators can provide an excellent opportunity to expand UC ANR programming to new, often underrepresented youth audiences. These afterschool programs seek staff training and engaging educational programming, a role UCCE is prime to fill. Engage with a panel of statewide leaders from CDE, school districts, and UC ANR's 4-H program to explore our common mission, proven programs, and the growing window of opportunity for local and statewide partnership. Participants will:

- Recognize the alignment between the UC ANR strategic vision and California's Expanded Learning Standards
- Understand the structure, players and their roles in the statewide Expanded Learning network
- Learn about successful and sustained UC ANR/EL programs and partnerships
- Explore the steps and strategies to access Expanded Learning opportunities in their local communities.

Moderator:

Steven Worker, 4-H Youth Development Advisor

Speakers:

Marianne Bird, *4-H Youth Development Advisor*

Claudia Diaz-Carrasco, *4-H Youth Development Advisor*

Beryl Johnson, *Community Education Specialist*

Michelle Wallner, *Program Specialist Expanded Learning, Elk Grove USD*

John Duran, *Expanded Learning Lead, San Bernardino County Superintendent of Schools*

4-D Navigating Conflicts in the Environment

Salon A2

Wednesday, April 26, 1:30-3 PM

Environmental management invariably occurs at the intersection of competing objectives. Tradeoffs are unavoidable. Join us as presenters share how they have created research and extension programs at these crossroads. Participants will learn ways in which UC ANR personnel work to develop science-based resources, build decision-support tools, and convene diverse stakeholders in ways that facilitate and inform dialogue around contentious issues.

Moderator:

Igor Lacan, *Cooperative Extension Advisor, Urban Forestry, UCCE San Mateo*

Speakers:**Balancing Human and Environmental Needs for Water**

Ted Grantham, Associate Professor of Cooperative Extension, UC Berkeley

California Cannabis Policy and the Environment: A Story of Unintended Consequences

Van Butsic, Associate Professor of Cooperative Extension, UC Berkeley

Groundwater Quality and Environmental Justice in Rural Communities

Hope Hauptman, Graduate Student Environmental Systems, UC Merced

Particulate Matter Mitigation in Urban Roadsides

Javier Gonzalez-Rocha, Post-Doctoral Student of Mechanical Engineering, UC Riverside

Challenges of Raising Livestock Amongst Predators

Tracy Schohr, Livestock and Natural Resources Advisor, UCCE Plumas, Sierra, Butte

5-A Reaching New Audiences via the News Media

Salon D1&2

Wednesday, April 26, 3:30-5 PM

Participants will learn ways to establish themselves as experts in their field, build relationships with reporters and deliver timely messages for a variety of media. We will discuss how to prepare for an interview, and hone key messages, then record practice interviews. Participants will review the practice interviews to evaluate their delivery. Brief, clear messages are more likely to be quoted in a news story.

Speakers:

Pamela Kan-Rice, *Assistant Director, News and Information Outreach*

Mike Hsu, *Senior Public Information Representative*

5-B Preparedness & Response to an Active Shooter Incident

Salon A1

Wednesday, April 26, 3:30-5 PM

While we never expect it to happen to us, it is recommended that everyone be prepared for how to respond to a violent intruder or active shooter. This training will give participants skills to assess the situation and determine the best response to keep themselves and others safe.

Speakers:

Melissa Collins, *Program Manager – Risk, Security & Resilience, UC Office of the President*

Brian Oatman, *Director, Risk & Safety Services*

David Alamillo, *Environmental Health and Safety Specialist, Risk & Safety Services*

5-C Strengthening Partnerships with Native American Communities: UC Lessons and Resources and Effective Partnership Strategies

Salon C

Wednesday, April 26, 3:30-6 PM

California has the largest Native American population in the country with over 110 federally recognized tribes. In this 2 part session, ANR colleagues will learn about UC relationships with tribes in the past, present and future opportunities. Part 1 will include information on the UC Land Grab history, results from research surveys, and resources for ANR colleagues. In the second part, invited tribal leaders will discuss effective strategies for developing working partnerships with tribes. Following a panel presentation and discussion, we will brainstorm ideas on how to incorporate these lessons into our CE programs using a world cafe model.

Speakers:

Part I: Participatory Q&A session on Effective Partnership Strategies with California Tribal Representatives

Native speakers will share their experiences collaborating with non-tribal entities, and reflect on best practices for building collaborative partnerships. They will also share from their own personal and professional experiences, perspectives on tribal government, cultural norms and contemporary tribal life, cultural resources and land stewardship/ethnobotany, and spirituality. Small group discussion topics will be tailored to participant interests.

Dirk Charley, Representative, Dunlap Band of Mono Indians

Alexii Sigona, Representative, Amah Mutsun Tribal Band

Adae Briones, First Nations Development Institute

Rebecca Tortes, California Tribal Fund
Sabine Talaugon, California Tribal Fund

Part II: UC Lessons and Resources

Contradictory Origins: How the 1862 Morrill Act Established Land Grant Universities by Selling Stolen California Tribal Land and ANR Resources for Strengthening Partnerships with Tribes

Andy Lyons, Program Coordinator, Informatics and GIS Statewide Program

ANR Survey Results on Partnerships with Tribes and Future Opportunities

Chris McDonald, Inland and Desert Natural Resources Advisor, UCCE San Bernardino and San Diego

Dorina Espinoza, Youth, Families, and Communities Advisor, UCCE Del Norte

Jennifer Sowerwine, Associate Specialist, Science, Policy, and Management, UC Berkeley

5-D Workforce Development: Cultivating Futures

Salon B

Wednesday, April 26, 3:30-5 PM

UC ANR is committed to developing and expanding a qualified diverse workforce for California through extension, applied research and creative activity. Join us as we explore how UC ANR is engaging underserved clientele for workforce diversification through novel community-based approaches that span generations. Participants will leave this session with new ways of thinking about our role in expanding career pathways and cultivating futures.

Moderator:

Keith Nathaniel, 4-H Youth Development Advisor & County Director, UCCE Los Angeles

Speakers:

Juntos: Individual Success for Latino Youth and Their Families

Russell Hill, 4-H Youth Development Advisor, UCCE Merced, Madera, and Mariposa

Discovering Career Pathways in Community Education

Kamaljeet Khaira, Director, CalFresh Healthy Living

Empowering Change Through a Diversified Fire Workforce

Lenya Quinn Davidson, Fire Advisor, UCCE Humboldt

Developing Dialogue and Sharing Knowledge Among Spanish Speaking Farm Workers

Rosie Busch, Extension Specialist in Sheep and Goat Herd Health and Production, School of Veterinary Medicine, UC Davis

Harvesting Hope: Garden Education in Prisons

Missy Gable, Director, UC Master Gardener Program

Concurrent Sessions 6

6-A Collaborative Facilitation for Beginners - The Basics

Salon A

Thursday, April 27, 8-10 AM

This workshop is intended for all UC ANR employees interested in the basic tools of facilitators to develop and support successful group meetings. By the end of this workshop, participants will be able to guide groups towards their objectives and assist them in building understanding and agreement. This workshop is based on the Interaction Method based on the concepts of shared responsibility for success, developed by Interaction Associates, LLC. This is a fun and interactive workshop designed to identify and address some of the most common problems with meetings in order to provide process tools that develop group relationships and support group results.

Speaker:

Kim Rodrigues, PhD, Cooperative Extension Specialist, Emeritus

6-B Strategies for Planning, Developing, and Writing Large Grants

Salon D1&2

Thursday, April 27, 8-10 AM

As a two-hour academic-focused professional development opportunity, this interactive session will discuss best practices and strategies for leading the development of large, multi-disciplinary team-based grant efforts. The workshop is designed for project directors who have been successful in winning small team grants and are looking to transition to larger team efforts, such as the USDA NIFA AFRI Sustainable Agricultural Systems (SAS) program. The SAS program awards up to \$10M in support of creative and visionary projects that use transdisciplinary teams and integrated research, education, and extension/outreach activities to solve present and future food and agricultural production system challenges. Participants will explore strategies for establishing interdisciplinary proposal teams, leveraging prior research, developing a project vision, and best practices for scheduling proposal production and writing the proposal to achieve well-integrated research-education-extension grant applications. Questions and discussions will be encouraged throughout the session. Additionally, one-on-one consultations to discuss specific project plans and grant opportunities will be available after the session concludes.

Moderator:

Vanity Campbell, *Coordinator, Proposal Development Services*

Speaker:

Lucy Deckard, *Research Development Consultant, Academic Research Funding Strategies*

6-C Food Systems: Healthy Planet, Healthy People*Salon B*

Thursday, April 27, 8-10 AM

Across California, in collaboration with our community-based partners, UC ANR is working to strengthen the state's food system from farm to fork. Join presenters in this session to learn about the work being done on an array of related topics - from planning, to planting, to public health policy, and finally to the impact on consumers. Given the diversity of California's food and families and the importance of healthy food systems, we invite you to join us as we explore our work and impact on these critical topics.

Moderator:

Rachel Surls, *Sustainable Food Systems Advisor, UCCE LA and ANR Strategic Initiative Leader for Sustainable Food Systems*

Speakers:**Overview on Climate Change and its Impact on California's Agriculture**

Tapan Pathak, Associate Cooperative Extension Specialist in Climate Adaptation in Agriculture, Dept. Civil and Environmental Engineering, UC Merced

Overview of Challenges Impacting Labor in California's Agriculture

Anne Visser, Associate Professor, Community and Regional Development, Department of Human Ecology, UC Davis

Developing Non-fumigant-based Soil-borne Disease Management for Strawberries

Joji Muramoto, Assistant CE Organic Production Specialist, Center for Agroecology, Assistant Adjunct Professor, Department of Environmental Studies, UC Santa Cruz

Supporting Traditional Crops on Small Farms for Economic Resilience and Food Security

Ruth Dahlquist-Willard, Small Farms and Specialty Crops Advisor, UCCE Fresno and Tulare

Tribal Community Food Sovereignty and the Intersection with Food Systems

Dorina Espinosa, Youth, Families and Communities Advisor, UCCE Humboldt & Del Norte

Collaborating with County Partners for Food System Resilience: An example from Santa Clara County

Lucy Diekmann, Urban Agriculture and Food Systems Advisor, UCCE Santa Clara and San Mateo

Research to Inform Policy: Nutrition Security and Health Equity
Lorrene Ritchie, Director, Nutrition Policy Institute, and CE Specialist

6-D Solutions to California's Pest Problems

Salon C

Thursday, April 27, 8-10 AM

We control pests in order to protect public health, quality of life, the natural environment, and agricultural production systems. In this session, panelists will showcase UC ANR's work in understanding, monitoring, preventing, and mitigating the negative impact of a number of different insect and weed pests across the state. Participants will engage with presenters and each other to better understand the threats pests pose to natural areas, food safety, agricultural production, the places we live, and the places we recreate. The session will also highlight how UC ANR leverages UC resources and partners with state and community agencies to bring science-based solutions to address critical pest problems.

Moderator:

Jim Farrar, Director, Statewide IPM Program

Speakers:

Urban Pests Threaten Public Health and Well-being Within Our Communities

Andrew Sutherland, Urban IPM Advisor, San Francisco Bay Area

The Impact of Pests and Pest Management on Food Safety and FSMA (Food Safety Modernization Act) Compliance

Erin DiCaprio, Associate Professor of Cooperative Extension, Department of Food Science and Technology, UC Davis

Responding to Weed Invasions in Natural Areas

Chris McDonald, Natural Resources Advisor, UCCE Riverside, Imperial, San Bernardino and San Diego

Partnering to Manage Forest Pests in Urban Parks and Natural Areas

Beatriz Nobua-Behrmann, Urban Forestry and Natural Resources Advisor, UCCE Orange and Los Angeles

From Painful Stings to Total Wood Destruction: Story of the Red Imported Fire Ant & Formosan Termite

Siavash Taravati, Integrated Pest Management Advisor, UCCE Riverside, Los Angeles, Orange, and San Bernardino

Invasive Pests and Proactive IPM

Mark Hoddle, Extension Specialist in Biological Control, UC Riverside

Concurrent Sessions 7

7-A Strengthening Participatory Science and Extension Approaches

Salon A1

Thursday, April 27, 10:30 AM-12:30 PM

Participatory science is becoming increasingly valued by communities, researchers, and funders. In this session participants will learn about participatory science approaches that support both research and extension. Speakers from three statewide programs in ANR will share examples, characteristics and lessons around two broad approaches: Participatory Science and Community-based Participatory Research. The speakers and moderators will explore how these approaches enhance and sustain meaningful community engagement as well as address the relevance, rigor, and reach of programs. A facilitated discussion will provide an opportunity for session participants to examine opportunities in their own work.

Speakers:

Participatory Science and the California Naturalist Program

Greg Ira, Director, UC California Naturalist Program

From Science to Action: Tools and Techniques for Fact-Based Civic Engagement

Christina Hecht, Senior Policy Advisor, Nutrition Policy Institute

7-B Envisioning the Future of UC ANR's Business Operations

Salon D1&2

Thursday, April 27, 10:30 AM-12:30 PM

UC ANR's revenue is projected to more than double from \$150 million in 2006 to over \$350M in the next few years. As UC ANR continues to grow, its operational, financial, and organizational needs will also evolve. To make sure that the current business operations continue to satisfy UC ANR needs, it will be wise for UC ANR to assess its efficiency, effectiveness, and economics. In this session, we will be evaluating the organizational impacts of UC ANR's various business services such as information and technology, human resources, cash and capital management, and financial and administrative services. Participants will help identify the associated risks and opportunities for improvement with our current business model. This will be an open forum to have conversations with senior leadership to provide innovative solutions or ideas to prepare UC ANR for the future.

Speakers:

Tu Tran, *Associate Vice President, UC ANR Business Operations*

Jennifer Bunge, *Interim Deputy Associate Vice President for Business Operations*

7-C Climate Change Affects Your Program - How Can You Respond?

Salon A2

Thursday, April 27, 10:30 AM-12:30 PM

This session will overview UC Climate Stewards' systems-thinking approach to understand climate change in its wider ecological and social context. The overview will focus on community-level interventions and present ways in which Extension can engage with communities in integrated climate solutions, participatory science, and communication to advance community, ecosystem, and social-emotional resilience. This session will require pre-work from attendees.

Speaker:

Sarah-Mae Nelson, *Climate Stewards Academic Coordinator, California Naturalist Program*

7-D Building Community Resilience Against Natural Disasters, Diseases, and Environmental Threats

Salon B

Thursday, April 27, 10:30 AM - 12:30 PM

Communities and individuals across California regularly face natural disasters, diseases and environmental threats. Presenters in this session will showcase diverse examples of UC ANR research and extension designed to empower communities with information and tools needed to withstand, adapt to, and recover from adversity. Participants will engage with presenters and colleagues to learn how our work fosters healthy environments, healthy animals, and healthy people.

Moderator:

JoLynn Miller, *4-H Youth Development Advisor & County Director, UCCE Central Sierra (Amador, Calaveras, El Dorado, Tuolumne)*

Speakers:**Cooling Urban Heat Islands with Climate Smart Trees**

Janet Hartin, *Area Environmental Horticulture Advisor, UCCE San Bernardino, Los Angeles, Riverside*

Building Emergency Food Systems

Julia Van Soelen Kim, Food Systems Advisor, UCCE Marin, Mendocino, Napa, Sonoma

Promoting Forest Resiliency Through Stewardship and Planning

Kim Ingram, Statewide Forest Stewardship Education Coordinator

Fueling the Nation: Microbial Reclamation of Critical Metals from Toxic Soils/Water

Ceci Martinez-Gomez, Assistant Professor, Department of Plant and Microbial Biology, UC Berkeley

Preventing Mosquito-borne Virus Emergence in California

Lark Coffey, Associate Professor, School of Veterinary Medicine, UC Davis

Spread the Word, Not the Disease

Amira Resnick, Statewide Director, Community Nutrition and Health

Marcel Horowitz, Community Nutrition & Health Advisor, UCCE Yolo, Sacramento, Solano

7-E Accessibility: How to Build Content so That Everyone Can Use It

Salon C

Thursday, April 27, 10:30 AM-12:30 PM

Come learn from the UC digital accessibility lead in a two-part talk. In the first part, you will learn what accessibility is and why it is important. We will cover laws and the current state across UC and across the nation. In part two, we will do some hands-on testing of your own content and you will leave with a better understanding of how to make accessible word files and/or web pages. Bring your laptop and expect to have fun! If there is time, we might to also look at how to test on a mobile device, so bring a set of earbuds or headphones. Expect this session to be fully interactive. Come ready to learn as much as you can about accessibility.

Speaker:

Lucy Greco, Accessibility Evangelist, UC Berkeley