

## Concurrent Session 1: Tuesday, April 10, 1:30-3 PM

### 1A. Climate Change Research and Extension Programs for Healthy Food Systems, Environments, and Communities in California (1:30-3 PM) (Arrowhead)

This session is designed to highlight recent progress in climate change research and extension programming across UC ANR. Session presenters will give an overview of UC ANR's system wide efforts on climate change programming, climate change trends, mitigation and adaptation opportunities, research-to-policy efforts, as well as effective climate communication and public engagement strategies. Session content will be based on recent findings of the Climate Change Program Team's [2017 UC ANR Climate Science, Outreach, and Needs Survey](#) as well as the February 2018 professional development workshop, "[Integrating Climate Change in California Cooperative Extension Programs Workshop](#)".

**Moderator:** Leslie Roche, Assistant Cooperative Extension Specialist, Dept. of Plant Sciences, UC Davis

**1:30 Building Climate Change Resilience in California through UC Cooperative Extension** - Tapan Pathak, CE Specialist, Climate Adaptation in Agriculture, UC Merced

Overview of recent system-wide efforts in climate change programming (e.g., Carbon Neutrality Initiative, professional development efforts) as well as highlight results from the Climate Change Program Team's [2017 UC ANR Climate Science, Outreach, and Needs Survey](#)

**1:40 Highlights in Climate Change Research, Outreach, and Extension**

- **Healthy Food Systems** - Katherine Jarvis-Shean, UCCE Orchard Systems Advisor, Sacramento and Yolo Counties
- **Healthy Environments** - Max Moritz, UCCE Specialist in Fire Ecology and Management, UC Santa Barbara
- **Healthy Communities and Californians** - Dr. Maithili Ramachandran, School of Public Policy, UC Riverside  
Topic: Climate Change Impacts on Human Health and Well-Being

**2:25 Policy and Planning Updates** - Ted Grantham, Assistant Cooperative Extension Specialist and Adjunct Professor, Dept. of Environmental Science, Policy, and Management, UC Berkeley  
Topic: Key findings/updates from California's 4<sup>th</sup> Climate Change assessment

**2:40 No one-size fits all: Communicating climate change in Cooperative Extension** - Faith Kearns, Academic Coordinator, California Institute for Water Resources

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### 1-2B. Innovative Data Collection and Analysis Tools (1:30 -3PM) (BREAK) (3:30-5 PM) (Gregory)

We are now at the stage of development where we can use innovative technologies to collect and analyze data. These relatively new processes and tools can allow us to become not only more efficient but also helps reveal patterns or processes that previously were difficult to observe. This session will cover three areas where UC ANR researchers implemented web and phone-based apps and drone data collection to answer questions related to invasive species, natural resources, and community engagement.

#### **Citizen and Community Science at ANR: Taking Stock and Looking Forward**

Moderators: Ryan Meyer, Academic Coordinator, Center for Community and Citizen Science, School of Education, UC Davis and Sabrina Drill, Natural Resources Advisor, CE Los Angeles

**1:30 Introduction** - Sabrina Drill, Natural Resources Advisor, CE Los Angeles

**1:35 Technological Trends in Citizen Science: Data Collection, Public Engagement, Civic Impact** - Maggi Kelly, Specialist and Director, Informatics and GIS Statewide Program, UC Berkeley

**1:45 UC Master Gardeners - Citizen Scientists** - Igor Lacan, Advisor, CE San Mateo-San Francisco

**1:55 Cultivating Youth Scientists with Youth Participatory Action Research** - Steven Worker, Youth Development Advisor, CE Marin

**2:05 Citizen Science Helps Predict Spread of Emerging Infectious Diseases** - Matteo Garbelotto, Director, UC Berkeley Forest Pathology Laboratory and UC Forest Pathology Extension Specialist

2:20 **Citizen and Community Science at ANR: Preliminary Insights from a Forward-looking Assessment** - Ryan Meyer, Academic Coordinator, Center for Community and Citizen Science, School of Education, UC Davis and Sabrina Drill, Natural Resources Advisor, Los Angeles CE

2:30 Q & A and Discussion

### **Applications of UAVs for Research and Extension**

Moderator: Maggi Kelly, Specialist and Director, Informatics and GIS Statewide Program, UC Berkeley

2:45 **Innovative Applications of Drone Technology for Ag and Natural Resources** - Sean Hogan, Academic Coordinator, Informatics and GIS Statewide Program

3:00 Break

3:30 **Open Source Tools for Drone Data Analysis and Mapping** - Andy Lyons, Academic Coordinator, Informatics and GIS Statewide Program

3:45 Q&A and Discussion

### **Extending Knowledge Through Web and APP Based Systems**

Moderator: Matteo Garbelotto, Director, UC Berkeley Forest Pathology Laboratory and UC Forest Pathology Extension Specialist

4:00 **Choosing the Right Technology to Help You Protect Agriculture and Natural Resources** - Joseph LaForest, Co-Director, Southern IPM Center and Associate Director, Bugwood Center, University of Georgia

4:15 **Improving Outreach Through Technology: The Nature Conservancy Approach** - Leigh Greenwood, Outreach Program Manager, The Nature Conservancy

4:30 **Sharing Knowledge at the Large Scale and Effectively Through Custom Designed Technology** - Matteo Garbelotto, Director, UC Berkeley Forest Pathology Laboratory and UC Forest Pathology Extension Specialist

4:45 Q&A and Discussion

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## **1C. UC ANR's Role in Addressing Food Insecurity in California (1:30-3 PM) (Silverwood)**

Did you know that 18.9 million California households are food insecure? You may be surprised to learn food insecurity could impact your neighbor, co-worker, or the college or high school student who serves you at the local coffee shop.

Gain new insights about the nature, prevalence, causes, and harms of food insecurity. Find out about innovative UC ANR extension and research that spans the food system from agricultural production to the consumer.

1:30 **Food Insecurity: Framing the Problem** - Lorrene Ritchie, CE Specialist and Director, Nutrition Policy Institute

### **1:45 Food Insecurity: What is UC ANR Doing?**

Panel Moderator: Lorrene Ritchie, CE Specialist and Director, Nutrition Policy Institute

**Urban Agricultural Production** - Rachel Surls, Sustainable Foods Systems Advisor, Los Angeles CE

**Food Policy Councils** - Julia Van Soelen-Kim, North Bay Food Systems Advisor, CE Marin

**Tribal Food Security** - Jennifer Sowerwine, CE Specialist, ESPM, UC Berkeley

**Food Banks and Food Pantries** - Pat Crawford, CE Specialist, Nutrition Policy Institute

**UC Students and Staff** - Lorrene Ritchie, CE Specialist and Director, Nutrition Policy Institute

**EFNEP and UC CalFresh** - Katie Panarella, Director, Nutrition, Family and Consumer Science Program and Policy

2:45 **What is the (Potential) Role of ANR in Finding Solutions?** – Facilitated discussion

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**1D. Learn the Rules and Get the Tools - How and Why You Should Work with Government Officials (1:30-3 PM) (Rainbow)**

Working with government officials is an important and necessary outreach function for all of UC ANR. It can sometimes be difficult, however, to know how to most effectively inform policymakers and their staff of the great work that we do. Come and learn practical strategies for doing so!

**Moderator:** Anne Megaro, Director, Govt. and Community Relations

**Panel:**

Christina Hecht, Ph.D., Senior Policy Advisor, Nutrition Policy Institute  
David Lewis, County Director, UCCE Marin and Napa  
Yana Valachovic, County Director, UCCE Humboldt and Del Norte

**Strategic Plan Goal #15: Tell ANR's Story**

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**1E. Leaders@Change (1:30-3 PM) (Strawberry)**

**Speaker:** Michelle Elrod, Human Resources, UC Riverside

- 1:30 Why Change Fails
- 1:50 The Mindset of Change (See-Do-Get Model)
- 2:00 The Change Model
- 2:30 Moving People through the Model Using the 5 Elements
- 3:00 End

**Strategic Goal #6: Recruit and Retain People**

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**1F. Volunteer Engagement through the Years (1:30-3 PM) (Cedar)**

A volunteer goes through several phases during their program involvement; each phase has different needs and expectations. Learn how to encourage and strengthen your volunteers' enthusiasm for your program in each phase.

**Speakers:**

- Gemma Miner, Academic Coordinator for Volunteer Engagement
- Scott Mautte, Program Representative III for Volunteer Development

**Strategic Goal #9: Improve Volunteer Management**

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**1.G Win-Win Negotiation Training (1:30-3 PM) (Hunter's Peak)**

**Speaker:** Larry Thompson, Baker Communications

The key to a win-win approach is finding ways to help both sides feel successful, rather than just focusing on getting what we want. This approach helps to solidify long-term relationships and partnerships - both externally and within our own organization - and builds positive momentum for every future negotiation.

Our award-winning Win-Win Negotiations training helps individuals tap into their own strengths and experiences, hone their skills, and align around a proven framework - so you approach every negotiation with a plan, and with the confidence to achieve your goals. You'll learn and practice your new skills through multiple role plays and fun group activities.

**Outcomes**

- Boost confidence and maximize effectiveness in any scenario.
- Increase profits through well-planned collaboration and concession strategies.
- Shift from using tactics to planning, while reinforcing key corporate values.
- Focus upon interests and issues and avoid dangerous positions.
- Enhance communications by developing a common negotiation language.
- Build strong relationships with customers, partners, and colleagues.

**Strategic Goal #1: Strengthen Research and Extension Partnerships**

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## Concurrent Session 2, Tuesday, April 10, 3:30-5 PM

### 2A. Fire Management and Policy (3:30-5 PM) (Strawberry)

Fire - You don't want to live with it, but yet you can't live without it. How have California's fire management policies affected the health and resilience of our ecosystems and human communities? Join this panel discussion to hear the latest updates on 2017's record-breaking fire season, California wildfire management options, and for a discussion on learning to live with wildfire.

**Moderator:** Yana Valachovic, Forest Advisor, Humboldt-Del Norte CE

3:30 **Welcome and Goals**, Yana Valachovic, Forest Advisor, Humboldt and Del Norte CE and moderator

3:35 **Fire Management Options: How to Get Ahead of the Fuels Backlog** - Scott Stephens, UC Berkeley Fire Science Professor (remote presentation)

3:55 **Firing up ANR's Strategic Initiatives** - Jeff Stackhouse, Livestock and Natural Resources Advisor, Humboldt and Del Norte CE

4:15 **Burning From the Bottom Up: How UCANR is Bringing Fire Back to the People** – Lenya Quinn-Davidson, Area Fire Advisor, Siskiyou, Trinity, Humboldt and Mendocino CE

4:35 **Managing Expectations in the Face of Disasters** - Tom Scott, Natural Resources Wildlife Specialist, UC Riverside

4:55 Wrap Up

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**Applications of UAVs for Research and Extension (continued from early session)** - Maggi Kelly, Specialist and Director, Informatics and GIS Statewide Program, UC Berkeley

3:30 **Open Source Tools for Drone Data Analysis and Mapping** - Andy Lyons, Academic Coordinator, Informatics and GIS Statewide Program

3:45 Q&A and Discussion

#### Extending Knowledge Through Web and APP Based Systems

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4:30 **Sharing Knowledge at the Large Scale and Effectively Through Custom Designed Technology** - Matteo Garbelotto, Director, UC Berkeley Forest Pathology Laboratory and UC Forest Pathology Extension Specialist

4:45 Q&A and Discussion

5:00 End

### 2C. What Does Robust Water Resource Mgmt. Look Like in Cal.? (3:30-5 PM) (Grove)

A diverse cross-section of experts in California water resource management and policy development has been assembled for this session. Higher level perspectives on the status of California's water resources across the diverse landscapes making up watersheds will be the focus. Challenges that lie ahead to achieve sustainable water resource management and insights to how science can guide future policy will also be part of the conversation. We encourage you to join us in this session.

**Moderator:** Laurent Ahiablame, Water Quality and Management Advisor, San Diego CE

3:30 **Big Picture View of Water Resource Management in California** – Nigel Quinn, Berkeley National Laboratory, Research Group Leader, HydroEcological Engineering Advanced Decision Support (HEADS)

3:45 **The State of Upper Watershed Hydrology in California** – Gabrielle Boisrame, Delta Stewardship Council and visiting researcher at UC Berkeley, Department of Civil and Environmental Engineering

4:00 **Understanding California's Groundwater Resource** – Thomas Harter, CE Groundwater Specialist and Endowed Chair in Water Management and Policy, Dept. of Land, Air, and Water, UC Davis

4:15 **Safe Drinking Water - What's More Essential?** – A joint presentation by Pat Crawford, CE Nutrition Specialist, Nutrition Policy Institute and Christina Hecht, Senior Policy Advisor, Nutrition Policy Institute

4:30 **Navigating the Legislative Process** – Anne Megaro, Director, Government and Community Relations

4:45 **Panel Q & A** - All five speakers to address questions from the audience as they offer different perspectives.

5:00 End

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## **2D. Telling ANR's Story More Effectively (3:30-5 PM) (Silverwood)**

UC ANR has often been described as the UC system's best kept secret. While this is flattering on one level, it doesn't cement UC ANR in the minds of our stakeholders or help us demonstrate why our work should be valued and trusted. Learn how you can elevate your program and reach more constituents by connecting to ANR's brand promise and key messages through a variety of message platforms.

### **Speakers:**

Cynthia Kintigh, Marketing Director, Communication Services and Information Technology

Rose Hayden-Smith, Editor of the UC Food Observer and Advisor

Liz Sizensky, Communication Specialist, Communication Services and Information Technology

### **Strategic Goal #16: Tell ANR's Story**

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## **2E. Win-Win Negotiation Training (3:30-5 PM) (Rainbow)**

**Speaker:** Larry Thompson, Baker Communications

The key to a win-win approach is finding ways to help both sides feel successful, rather than just focusing on getting what we want. This approach helps to solidify long-term relationships and partnerships - both externally and within our own organization - and builds positive momentum for every future negotiation.

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### **Outcomes**

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### **Strategic Goal #1: Strengthen Research and Extension Partnerships**

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## **2F-I. Infusing Your Life with Habits to Boost Productivity (3:30-4:30) (Arrowhead)**

Employees who are looking for ways to make their time at work more productive, creative, and efficient, while lowering their stress and improving the morale around them, will benefit from this session. We will review the habits of productive people and discuss the best ways to integrate these into our daily lives. Some misconceptions abound in this area.

### **Speakers:**

Kelley Brian, Youth, Families and Communities Advisor, Placer CE

Dorina Espinoza, Youth, Families and Communities Advisor, Humboldt-Del Norte CE

Marcel Horowitz, Youth, Families and Communities Advisor, Yolo CE

**Strategic Plan Goals: #6 Retain People; #5 Prioritize Programs and Services**

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## **2F-II. Smart Body Management (4:30 - 5:30) (Arrowhead)**

An interactive session that will review good body mechanics, posture, and strategies that anyone can use to feel better and prevent injury.

**Speakers:**

Clyde Blackwelder, Ergonomist, UC Riverside

Malendia Maccree, Industrial Hygienist, Risk and Safety Services

**Strategic Plan Goal #6:** Recruit and Retain People

## **Concurrent Session 3, Wednesday, April 11, 8:30-10 AM**

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### **3A. Bees and Pollination (8:30-10 AM) (Cedar)**

Bees play a critical role in the pollination of many agriculturally important crops and native plants. Colony collapse disorder, improper insecticide use, pathogens, climate change and other factors are threatening our native bee and honey bee populations. This session provides an introduction to research and extension efforts addressing this critically important issue.

**Moderators:**

Elina Niño, CE Specialist, Entomology, UC Davis

Michael Anderson, Professor and Chair, Environmental Sciences, UC Riverside

8:30 **Introduction & Overview of Pollination, Bees and Issues** – Elina Niño, CE Specialist, Entomology, UC Davis

8:45 **Bee Nutrition and Foraging Habitat** – Hollis Woodard, Professor, Entomology, UC Riverside

9:00 **Pollination in Agricultural Landscapes** – Neal Williams, Professor, Entomology, UC Davis

9:15 **Restoring Native Bees in Agricultural Landscapes** – Lauren Ponisio, Professor, Entomology UC Riverside

9:30 **Bee Reproduction and Immunity** - Boris Baer, Professor, Entomology, UC Riverside

9:45 **Microbial Symbionts and Bee Health** – Quinn McFrederick, Professor, Entomology, UC Riverside

10:00 **End**

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### **3B. Climate Change - Global Changes, State Programs, Local Projects: How They Fit Together (8:30-10 AM) (Rainbow)**

California's 2017 Climate Change Scoping Plan overview and sectors with high UC ANR relevance – agriculture, residential and commercial land use conversion, water, and bioenergy.

**Moderator:** Bill Stewart, CE Specialist and Director, Center for Forestry, UC Berkeley

8:30 **California's Import/Export Economy and How it Affects Global, State, and Local GHG Emissions** - Bill Stewart, CE Specialist and Director, Center for Forestry, UC Berkeley

8:45 **Agriculture GHG Emissions - Animals and Fertilizers** - Frank Mitloehner, Professor and CE Specialist, Dept. of Animal Science, UC Davis

9:05 **Agriculture and Potential Carbon Sequestration – Healthy Soils Initiative** - William Horwath, Professor, Soils & Biogeochemistry Program, Dept. of Plant Sciences, UC Davis

9:25 **Conversion from Agriculture to Residential Emissions** - Van Butsic, CE Specialist, ESPM, UC Berkeley

9:40 **Panel Q & A**

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### **3C. Science and Public Perceptions about Technology and Food Production: GMOs, Antibiotics, and Emerging Trends (8:30-10 AM) (Arrowhead)**

As researchers and the face of science to the public, we must present the best information available to the community. This session will cover research related to GMOs, antibiotics, new technologies and how the public perceives the safety and environmental costs and benefits by adopting production systems using (or not using) these technologies.

This session will start with clips from the 2016 documentary “Food Evolution” interspersed with presentations about creating a narrative for skeptical audiences. This will be followed by a presentation about trends in antimicrobial use in animal production. The last presentation will cover where we can be going and how trends in food consumption or new science may affect acceptance of these advances.

**Moderator:** Cheryl Wilen, Area Integrated Pest Management Advisor, Southern California

**8:30 Myths and Misconceptions: Discussion with Clips from Movie “Food Evolution”**

**8:30 Field Guide to Transgenic Crops: Simple Facts that Everybody Should Know** - Norm Ellstrand, Distinguished Professor of Genetics, Jane S. Johnson Endowed Chair in Food and Agriculture, UC Riverside

**8:45 The Importance of Narrative Storytelling: Results and Impacts from the Movie “Food Evolution”**

- Alison Van Eenennaam, CE Specialist in Animal Genomics and Biotechnology, Dept of Animal Science, UC Davis
- Scott Hamilton Kennedy, Director and Writer (Invited)

**9:30 Antimicrobial Resistance in Food Animals and Foods: Where we Think we Are and Where We're Going (We Think...)** - Maurice Pitesky, CE Specialist, Population Health & Reproduction, Vet Med, UC Davis

**9:45 Emerging Science, Food Trends (Organic, Natural...), Future Application, and Moving to the Future** - Neil McRoberts, Professor, Dept. of Plant Pathology, UC Davis

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**3D. Understanding and Effectively Reaching the Latino Community (8:30-10 AM) (Silverwood)**

The Latino community often is misunderstood, especially when we try to convey a specific message; thus our intentions get lost, clouded by stereotypes and misperceptions about the largest ethnic group in the state of California. This session will help the participant understand Latinos better and will provide in a very interactive way the tools to create a successful, cross-generational message. Co-presenters are expected to include important members of the Latino media in California, who will offer tips on working with the news media to reach your audiences most effectively.

**Speakers:**

Ricardo Vela, NOS Program Manager, Strategic Communications

Lilia O’Hara, Editor Hoy San Diego / San Diego Union-Tribune

Lourdes Sandoval – News Director Univision San Diego / El Centro, Noticias Ya, - Azteca America / Entravision Communications Group

Alejandro Maciel – Editor LA Times / Spanish Edition

**Strategic Plan Goal #15:** Tell ANR’s Story

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**3E. Reinventing the ANR Website: The Road to a New, Audience-Focused ucanr.edu and What it Means to the Rest of ANR Websites (8:30-10 AM) (Gregory)**

See a sneak-peek at the new ucanr.edu, its key features, and the strategy behind it. How will the new site interact with other ANR websites? How will we generate content, and how can you be part of that strategy?

Attendees will learn about the underpinning strategies used in the new ucanr.edu design and how they can better organize their own sites. Attendees will also get some insight into the future plans for content at ANR, and will actively explore with us ways in which we can collectively leverage ANR content in the most effective ways.

**Speakers:**

Mike Janes, Director, Strategic Communications, Communications Services and Information Technology

Dave Krause, Manager, Web Development and Applications Programming, Communications Services and Information Technology

**Strategic Plan Goals:** #15 Tell UC ANR’s Story, #2 Increase UC ANR’s Reach, #6 Recruit and Retain People, #7 Improve Volunteer Management, #11 Expand and Diversify Fundraising

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**3F. Working with People from Other Cultures: A Challenge or an Opportunity? (8:30-10 AM) (Strawberry)**

Discuss key concepts related to Multicultural Environments, Diversity, Inclusion & Intercultural Competence. Gain understanding on how to develop a plan to improve your organization and personal Intercultural Competence.

**Moderator:** Lupita Fabregas Janeiro, Assistant Director for 4-H Diversity and Expansion

**Speakers:**

Lupita Fabregas Janeiro, Assistant Director for 4-H Diversity and Expansion  
Mary L. Blackburn, Nutrition Family and Consumer Sciences Advisor, Equal Opportunity Advisory Committee

**Strategic Plan Goal #7: Improve Equity, Inclusion and Diversity**

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**Concurrent Session 4: Wednesday, April 11, 10:30 AM-Noon****4A. Poverty in California: Impacts on Youth and Families and How ANR is Responding (10:30 AM – Noon) (Gregory)**

California has one of the nation's highest poverty rates. This session explores underlying causes and trends, with a focus on geographic and demographic variables that influence how poverty impacts vulnerable populations, including youth and families. You'll also hear about UC ANR activities that reach California's low-income populations, and engage in a discussion on emerging roles for ANR.

**Moderator:** David Campbell, Associate Dean, Social & Human Sciences, UC Davis

10:30 **Poverty in California: Who? What? Why? and What Can Be Done? A Look at Big Picture Trends** - David Campbell

10:50 **Money Talks Living on My Own: Resources and Curriculum** - Derrick Robinson, Academic Coordinator, San Diego CE

11:00 **When 4-H and CalFresh Work Together: One County's Experience** - Katherine Soule, Youth Families and Communities Advisor, Santa Barbara CE

11:10 **How California 4-H is Reaching More Latino Youth** - Lupita Fabregas, Asst. Director for Diversity and Expansion and 4-H Youth Development Advisor, 4-H State Office

11:20 **Community Economic Development, a Role for UC ANR** - Keith Taylor, CE Specialist, Human & Community Development, UC Davis

11:30 **Panel Q & A**

12:00 **End**

**4B. Ecosystem Services (10:30 AM – Noon) (Rainbow)**

An ecosystem is a dynamic complex of plant, animal and microorganism communities and the nonliving environment, interacting as a functional unit. Humans are an integral part of ecosystems. Ecosystem services are the benefits people obtain from ecosystems. These include provisioning services such as food and water; regulating services such as flood and disease control; cultural services such as spiritual, recreational, and cultural benefits; and supporting services such as nutrient cycling, that maintain the conditions for life on Earth. Like climate change, ecosystem services connect across all ANR's Strategic Initiatives. This session provides a few examples of current work by ANR academics and offers a description of future work in a lightning round format of recently successful 2017 ANR grants.

**Moderator:** Theresa A. Becchetti, UCCE Livestock & Natural Resources Advisor, Stanislaus and San Joaquin Counties

10:30 **Presentations with Q & A** (15 min. w/5 min. Q&A)

10:35 **Invasive Plant Impacts on Rangeland Ecosystem Services** – Jeremy James, Director Sierra Foothill Research & Extension Center

10:55 **Ecosystem Services Valuation** – Van Butsic, CE Specialist, ESPM, UC Berkeley and Stephanie Larson-Prapland, UCCE Livestock & Range advisor, Sonoma/Marin Counties

11:15 **Interactive Effects of Environment and Management on Multiple Ecosystem Services** – Valerie Eviner, Professor, Dept. of Plant Sciences, UC Davis



### **New ANR grant lightning rounds**

- 11:35 **Impact of Warmer and Drier Future on Rangeland Ecosystems** – Jeremy James, Director Sierra Foothill Research & Extension Center
- 11:40 **Silent Straws: Understanding Water Demands From Woody Encroachment in California’s Oak Woodlands** – Lenya N. Quinn-Davidson, UCCE Area Fire Advisor, Humboldt, Del Norte, Siskiyou, Trinity and Mendocino Counties
- 11:45 **Closing the Adaptive Management Loop for Sustainable Working Landscapes** – Laura Snell, County Director and UCCE Livestock and Natural Resources Advisor, Modoc County

11:50 Closing Remarks

### **4C. Community Views and Actions to Sustain Water Resources in California (10:30 AM – Noon) (Strawberry)**

This session will share UC ANR program activities that are having impact on water resource management at statewide, regional, or local scales. It will highlight activities and impacts across California’s diverse watersheds and give early, mid, and late career staff opportunities to converse and network. Please consider joining the conversation.

**Moderator:** Ruth Dahlquist-Willard, Small Farms Advisor, Fresno County

#### **10:30 Functional Forests and Rangelands**

- 10:30 **Forestry Perspective** – Susie Kocher, Forestry and Natural Resources Advisor, Central Sierra CE
- 10:40 **Rangeland Perspective** - David Lewis, County Director and Watershed Management Advisor, Marin CE

#### **10:50 Conservation-Minded Urban Landscapes**

- 10:50 **Southern California** - Amir Haghverdi, CE Watershed Management Specialist, UC Riverside
- 11:00 **Central California** - Karrie Reid, Environmental Horticulture Advisor, San Joaquin CE

#### **11:10 Water Management Conundrum in Irrigated Agriculture**

- 11:10 **On-Farm Water Conservation** - Khaled Bali, CE Water Management Specialist, Kearney Research Extension Center
- 11:20 **Active Groundwater Recharge** - Thomas Harter, Statewide Groundwater CE Specialist, Dept. of Land, Air and Water Resources, UC Davis

#### **11:30 Drinking Water Problems and Solutions**

- 11:30 **Informing Policy with Research** - Laura Vollmer, Project Policy Analyst, Nutrition Policy Institute
- 11:40 **Project 4-H2O** - Joint presentation
  - Charles Go, 4-H Youth Development Advisor, Alameda and Contra Costa CE
  - Marisa Neelon, Nutrition, Family and Consumer Science Advisor, Alameda CE

11:50 Panel question and answer opportunities

12:00 End

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### **4D. Working with the News Media and Social Media Influencers to Promote your Program (10:30 AM – Noon) (Silverwood)**

Working with your local news media can be an effective way to convey program information and research, while also raising important visibility. This two-part session will provide useful tips on how to engage reporters in a way that will entice them to cover your activities, as well as practical advice from a panel of two or three ANR academics and others who use social media to connect with journalists and make ANR information accessible to broad audiences. Included will be guidance on how to prepare for interviews and how to get across your main messages.

#### **Speakers:**

Pam Kan-Rice, Asst. Director, News and Information Outreach, Strategic Communications, Communications Services and Information Technology  
Jeannette Warnert, Communications Specialist, Strategic Communications, Communications Services and Information Technology

#### **Panel of ANR Academics:**

Dan Macon, UCCE Livestock and Natural Resources Advisor, Placer-Nevada Counties  
Alison L. Van Eenennaam, Animal Science Specialist, UC Davis, Department of Animal Science  
Lynn Sosnoskie, UCCE Agronomy and Weed Advisor Merced and Madera Counties

**Strategic Plan Goals #2 and #15:** Tell ANR’s Story; Increase UC ANR’s Reach

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#### **4E. What's Your Preference? Understanding Different Personality Types (10:30 AM – Noon) (Arrowhead)**

Myers-Briggs Type Indicator (MBTI®) assessment tool and interpretation offers opportunities to strengthen interpersonal communication skills, leadership skills, professional appearance, and integrate an organizational, department or team vision by first identifying your personality preferences based strongly on the works of Carl Jung's theory of psychological types.

The MBTI tool is an instrument to help you become aware of your particular style, to better understand, and appreciate the helpful ways that people differ from one another. Organizations have up to four generations of workers that will benefit from the MBTI assessment. How, you may ask? Through acquiring new knowledge about you.

Presentation Objectives:

- Better understand the wonderful you
- Make sense of your preference for learning
- Recognize human preferences for absorbing and processing new information
- Identify ways to use differences constructively

Immediate use of this new knowledge contributes:

- To higher self-awareness
- To enhanced abilities to respond to all situations with a solutions-oriented mindset
- To increased levels of human compassion and empathy
- To greater collaboration amongst team members
- To understanding where you derive your energy
- To realizing your preference for taking in new information
- To recognizing how you use new information to make decisions
- To identifying your preference for making sense of you immediate environment

**Speaker:** Reginald Randles, MOL, Senior Organizational Development Administrator, UCLA

Reg joined UCLA in January 2010 as a Training Specialist. In his current role as the Senior Organizational Development Specialist, he designs, develops, and facilitates training courses based on adult learning methodologies using the ADDIE model for UCLA Health.

**Strategic Goal #6:** Recruit and Retain People

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#### **4F. Advancing Teams to Enable Interdisciplinary Extension Projects (10:30 AM – Noon) (Cedar)**

Coordinated teams of investigators with diverse skills and knowledge must integrate their work across disciplines to solve complex, multi-factorial social problems with multiple causes: food insecurity, climate change, economic development, and the rise of chronic disease. This approach is seen as a promising way to accelerate scientific innovation and the translation of scientific findings into effective policies and practices, providing the greatest return on investment for research funding. Academic institutions, industry, governments, and other funders are increasingly investing in large, interdisciplinary, team science initiatives. In short, grant-winning and the subsequent scientific research have become "team sports." This academic professional development program will focus on tools for planning well-integrated interdisciplinary research-education-extension projects, characteristics of successful scientific teams, and strategies for effective scientific collaboration.

**Speaker:** M. Kathleen Joyce, MPA, President, M. Kathleen Joyce & Associates, in partnership with American Institute of Biological Sciences

**Strategic Plan Goals #10c and #1:** Pursue large extramural contracts and grants by encouraging and facilitating collaboration between campuses and UC ANR; Strengthen research and extension partnerships

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### **Concurrent Session 5: Wednesday, April 11, 1:30-3 PM**

#### **5D. Writing Workshop: Telling Your Research and Extension Story (1:30-3 PM) (Grove)**

Improving storytelling is one of ANR's critical needs and the essence of Strategic Goal 15 — Tell ANR's Story. This workshop teaches you how to do that with your writing: to crisply tell a non-specialist reader what your work is about, why it matters, what impact it has, and who is affected. These principles can be applied to all sorts of writing — from newsletter and blog posts to funding applications and scientific reports.

**Moderator:** Jim Downing, Executive Editor, California Agriculture, Communications Services Information Technology  
Panel discussion and Q-and-A (60 minutes) followed by small group discussions (30 minutes).

**Panel Topics:**

- Fundamentals of good storytelling
- Describing the impacts of your work
- Identifying and addressing your target audience
- Finding support and partners for your writing process

**Speakers:**

Jennifer Caron-Sale, Analyst, Program Planning and Evaluation  
Jim Downing, Executive Editor, California Agriculture, Communications Services Information Technology  
Ann Filmer, Director, Communications, Dept. Plant Sciences, UC Davis

**Strategic Plan Goal #15: Tell ANR's Story****5E. Upping Your Fundraising Game (1:30-3 PM) (Gregory)**

Explore a variety of fundraising options during this robust moderated panel discussion featuring a seasoned fund development professionals from UC ANR. One size doesn't fit all so learn more about the strategies that will work best for you to increase private gifts to support your programmatic or research priorities. Topics will include annual campaigns and online giving; major gifts; endowments and planned giving; sponsorships; multi-campus gifts – and more.

**Co-Moderators:** Greg Gibbs, Director, Major Gifts, Development Services and Rob Broadhurst, Development Associate, Development Services

**Annual Giving/Online Giving** – Mary Ciricillo, Director, Annual Giving and Individual Gifts, Development Services

**Endowments and Campaigns** – Andrea Ambrose, Director, Advancement, Development Services

**Planned Gifts** – Kelly Scott, Major Gifts Officer, Development Services

**Sponsorships** – Scott Brayton, Major Gifts Officer, Development Services

**Development Services** – Lorna Krkich, Executive Director, Development Services

**4-H Giving/Foundation** – Greg Gibbs, Director, Major Gifts, Development Services

**Donor Lists/Database Management** - Maria Fernandez, Database Administrator, Development Services

**Strategic Plan Goals: #11 Expand and Diversify Funding and #12 Modernize technology and facilities infrastructure**

- 11e. Implement campaign-based fundraising initiatives to engage current and new donors in support of UC ANR programs by July 2019.
- 11f. Strengthen UC ANR wide partnerships to support fundraising goals
- 11f.2 CA 4-H Foundation support
- 11f.3 County & Rec Directors/Staff, Statewide Program Leaders/Staff, BOC's, Support Units
- 12c. Launch of a capital campaign to partially support this program through philanthropy to raise \$10M (net of costs) by December 2020

**5F. Implicit Bias at UC ANR (1:30-3 PM) (Silverwood)**

What is Implicit Bias? Explain how attitudes, stereotypes and biases form. Differentiate between explicit and implicit biases. Describe ways in which implicit bias can affect our actions.

Understand the common forms of bias. Managing the Influence of Implicit.

**Moderator:** John Sims, Affirmative Action Compliance and Title IX Officer, Equal Opportunity Advisory Committee

**Speakers:**

Tae-Sun Kim, Ph.D., Manager of Strategic Diversity Initiatives, UC Office of the President  
Mary L. Blackburn, Nutrition Family and Consumer Sciences Advisor, Equal Opportunity Advisory Committee

**Strategic Goal #7: Improve Equity, Inclusion and Diversity**

## Concurrent Session 6: Wednesday, April 11, 3:30-5 PM

### 6D. Cannabis Research (3:30-5 PM) (Gregory)

Discuss what Cannabis research ANR academics and staff can and cannot do and how to research without getting arrested.

**Speaker:** Robin Sanchez, JD, Principal Analyst, Administrative Policies and Business Contracts

**Strategic Goal #1: Strengthen research and extension partnerships**

### 6E. Pursuits in Collaboration and Integration Across UC ANR for Deeper Impact (3:30-5 PM) (Grove)

Working to solve multi-dimensional challenges and change conditions throughout California requires a cooperative effort across programs to ensure a deeper, more sustainable impact. Participants will explore what collaboration and integration means within ANR through current cross-program models. Join us for a facilitated discussion with ANR researchers and educators, who are leveraging other expertise and resources through their sustainable, collaborative, and integrative efforts. Learn the how, whys, trade-offs, challenges, available resources, and impacts of working together so that your next group project is successful and sustainable too. Participants will develop and expand knowledge of collaboration and integration, as well as understand the how, whys, trade-offs, challenges and impacts through current UC ANR models.

**Moderator:** Megan Marotta, Program Integration Coordinator, California State 4-H Office

#### Panel Speakers:

Karey Windbiel-Rojas, Associate Director for Urban and Community IPM and CE Advisor, Statewide IPM Program

Dr. Katherine E. Soule, Youth Families & Communities Advisor, San Luis Obispo CE

Natalie Price, Nutrition, Family and Consumer Sciences, Los Angeles CE

Suzanne Lawry, Program Supervisor, CalFresh, Butte CE

**Strategic Plan Goal: #2 Increase UC ANR Reach**

### 6F. Off the Page and Into Action! Creating Dynamic Learning Experiences for Adults (3:30-5 PM) (Silverwood)

If you teach adults - or train adult staff or volunteers - this session will provide you with tools to engage your learners more effectively.

Learning Objectives: By the end of the session, participants will be able to

1. Explain the principles of adult learning
2. Identify at least two strategies to make lessons more engaging.
3. Identify and demonstrate at least two techniques for dealing with challenging situations that arise during classes.

#### Speakers:

Lyn Brock, Nutrition Education Professional Development Coordinator, EFNEP and CalFresh

Tammy McMurdo, Nutrition Education and Curricula Lead, UC CalFresh Nutrition Education Program

**Strategic Plan Goal: #2 Increase ANR's Reach**

## Concurrent Session 7: Thursday, April 12, 8-10 AM

### 7D. Science to Policy: Taking Credit - Writing and Reviewing Policy Effort in the Performance Review Process (8-10 AM) (Arrowhead)

The Research to Policy working group will present our white paper developed to support and incentivize specialists and advisors to articulate the policy components of their work, guide reviewers to evaluate and appropriately assign credit to policy-relevant work, and provide ANR leadership and communications experts easily identifiable instances of impactful policy work for internal and external audiences and stakeholders. Dr. Dave Campbell will present examples of ANR's efforts within the steps of the policy process, supported by a panel of Advisors and Specialists who will deliver specific programmatic examples of their challenges and successes. Finally, there will be a brief introduction on how policy efforts might be incorporated into ANR's Project Board.

**Moderator:** Mary Bianchi, Horticulture Farm Advisor (Emeritus), San Luis Obispo CE

#### Presenters:

David Campbell, Associate Dean, Social & Human Sciences, UC Davis

Lorrene Ritchie, Director, Nutrition Policy Institute

Max Moritz, CE Specialist, Bren School of Environmental Science & Management, UC Santa Barbara

Darren Haver, Director, South Coast Research and Extension Center  
David Lewis, Director, Napa and Marin CE  
Mary L. Blackburn, Nutrition Family and Consumer Sciences Advisor,  
Yana Valachovic, Forest Advisor, Humboldt-Del Norte CE  
Kit Alviz, Analyst, Program Planning and Evaluation

## Strategic Plan Goal: Goal #8 - Career and Leadership Development

### 7E. Creating Successful Relationships with Tribes (8-10 AM) (Silverwood)

California has the largest Native American population in the country with over 110 federally recognized tribes. In this session, Tribal leaders from the Chumash, Torres Martinez Desert Cahuilla and Gabrieleno Tongva Tribes 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 program. We will have opportunities for participants to network, share additional ideas and strategies, discuss professional development and grant opportunities, and brainstorm the formation of a Native American extension work group.

**Moderator:** Jennifer Sowerwine

#### Presenters:

Alicia Cordero, Tribal Liaison & Education Director Wishtoyo Chumash Foundation  
Beverlyann Cedeno, Tribal Council Member Proxy and Grant Writer, Torres Martinez Desert Cahuilla Indians  
Shyanne Kintano, Grants Specialist, Torres Martinez Desert Cahuilla Indians  
Julia Bogany, Cultural Affairs Director, Gabrieleno Tongva Tribe

**Strategic Planning Goal #1: Strengthen research & extension partnerships**

**Strategic Planning Goal #2: Improve equity, inclusion, diversity**

### 7F. Learn How to Create Short, Engaging Educational Video (8-10 AM) (Gregory)

Class limited to 20 participants due to the hands-on nature of the class.

Participants will learn when to use and how to use technology (web, webinars, video, etc.) to increase reach and better reach our audiences. They will also have an opportunity to make a short instructional video.

While participants may not finish fully equipped to produce short simple videos, they will get insight into what is possible to do with what they already have (smartphone and laptop) and how much time is required.

#### Participants are required to have and bring:

- a cell phone with camera (with enough memory to film)
- laptops with software installed
  - iMovie for Mac users
  - Lightworks for PC users

#### Speakers:

Petr Kosina, Content Development Supervisor, UC IPM  
Steve Elliott, Communications Coordinator, Western IPM Center

Class structure

- Part 1.
  - Introduction: The class will open with a brief overview of video production (objectives, script/storyboarding)
  - Activity: Participants will go outside for filming with their own cellphones
- Part 2.
  - Editing: Work with editing software.
  - Activity: Work on provided USB drives with the same video(s) to learn common basic editing steps (splitting, trimming, splicing, producing).
  - Demonstration: Steve will demonstrate his settings for working with videos on tablet.
- Closing.
  - How do you publish (YouTube, Facebook, etc.) and
  - Compliance with ADA/WCAG and intellectual property issues related to music or images.

**Strategic Plan Goal #2: Increase UC ANR's Reach**

## **Concurrent Session 8: Thursday, April 12, 10:30-12:30 PM**

### **8D. Martialing Your Inner Resources for Better Extension Practice (10:30 – 12:30 PM) (Silverwood)**

Whether working with 4-H'ers or farmers or finance managers, building and maintaining good relationships with the people we work with is the secret sauce of extension work. While it can be a joy, it can also be a challenge, particularly when dealing with contentious issues. Come build your toolbox for relationship work as a key extension practice through a series of interactive, experiential exercises aimed at increasing your capacity to work with conflict and strong emotions, listen actively, and self-reflect.

#### **Speakers:**

Juliet McMullin, UC Riverside  
Faith Kearns, Academic Coordinator, California Institute for Water Resources  
Susie Kocher, Forestry and Natural Resources Advisor, Central Sierra CE  
Martin Smith, CE Specialist, Population Health & Reproduction, VetMed, UC Davis  
Dan Stark, UC ANR

**Strategic Planning Goal #1: Strengthen research and extension partnerships**

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### **8E. On the Edge - how to tell when to intervene! (10:30 – 12:30 PM) (Gregory)**

The ANR Behavioral Intervention Team (BIT) was established to serve as a multi-disciplinary rapid-response team to deal effectively with all incidents of actual or potential workplace disruption and or violence risk. This session will present tools to help employees recognize and respond to behaviors of concern and discuss the process that the BIT will use to investigate, assess, and advise on such cases. The presentation will also include discussion of resources such as the Academic and Staff Assistance Program that are available to all ANR employees.

#### **Speakers:**

Brian Oatman, Director, Risk and Safety Services  
John Fox, Executive Director, Human Resources  
Robert Starkey, Director, Academic and Staff Assistance Program (ASAP), UC Davis

**Strategic Plan Goals: #6 Recruit and Retain People**

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### **8F. Project Management (10:30 – 12:30 PM) (Arrowhead)**

The goal is to inform those who are involved with projects as part of their job responsibilities about the basic project management concepts and their applications in real life. The ultimate objective is to help ANR staff utilize the limited resources and deliver effective and efficient solutions within the triple constraints of project scope, schedule, and cost.

Tolgay Kizilelma, Chief Information Security Office, Communications Services and Information Technology

**Strategic Plan Goal: #8 Expand career and leadership development**