

Building Bridges: Enhancing Health and Nutrition Through Partnerships with UC Agriculture and Natural Resources (UC ANR)

October 16, 2025

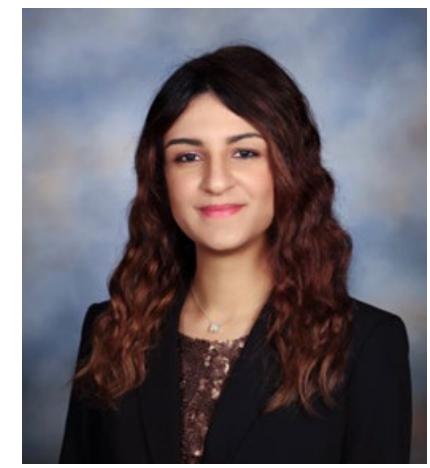
Our Speakers



Amira Resnick, MPA,
Statewide Director,
Community Nutrition
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Community Nutrition and Health



Learning Objectives

1. **Describe** the history, mission, and impact of UC Agriculture and Natural Resources (UC ANR).
2. **Summarize** the growing collaboration between UC ANR and UCSF and the potential benefits of this partnership.
3. **Explore** opportunities for future collaboration between UCSF and UC ANR.



Introducing UC ANR:

Bringing UC information and practices to local communities to improve their lives and livelihoods

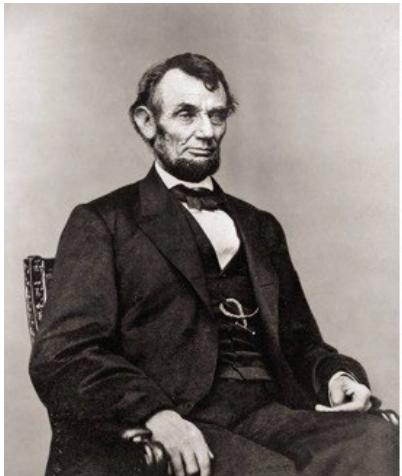
Land Acknowledgement

We acknowledge that this event is taking place throughout the unceded territory of California home to nearly 200 tribal nations. As we begin this event, we acknowledge and honor the original inhabitants of our various regions. A land acknowledgement is a critical step towards working with native communities to secure meaningful partnership and inclusion in the stewardship and protection of their cultural resources and homelands. Let's take a moment to honor these ancestral grounds that we are collectively gathered upon and support the resilience and strength that all Indigenous people have shown worldwide.

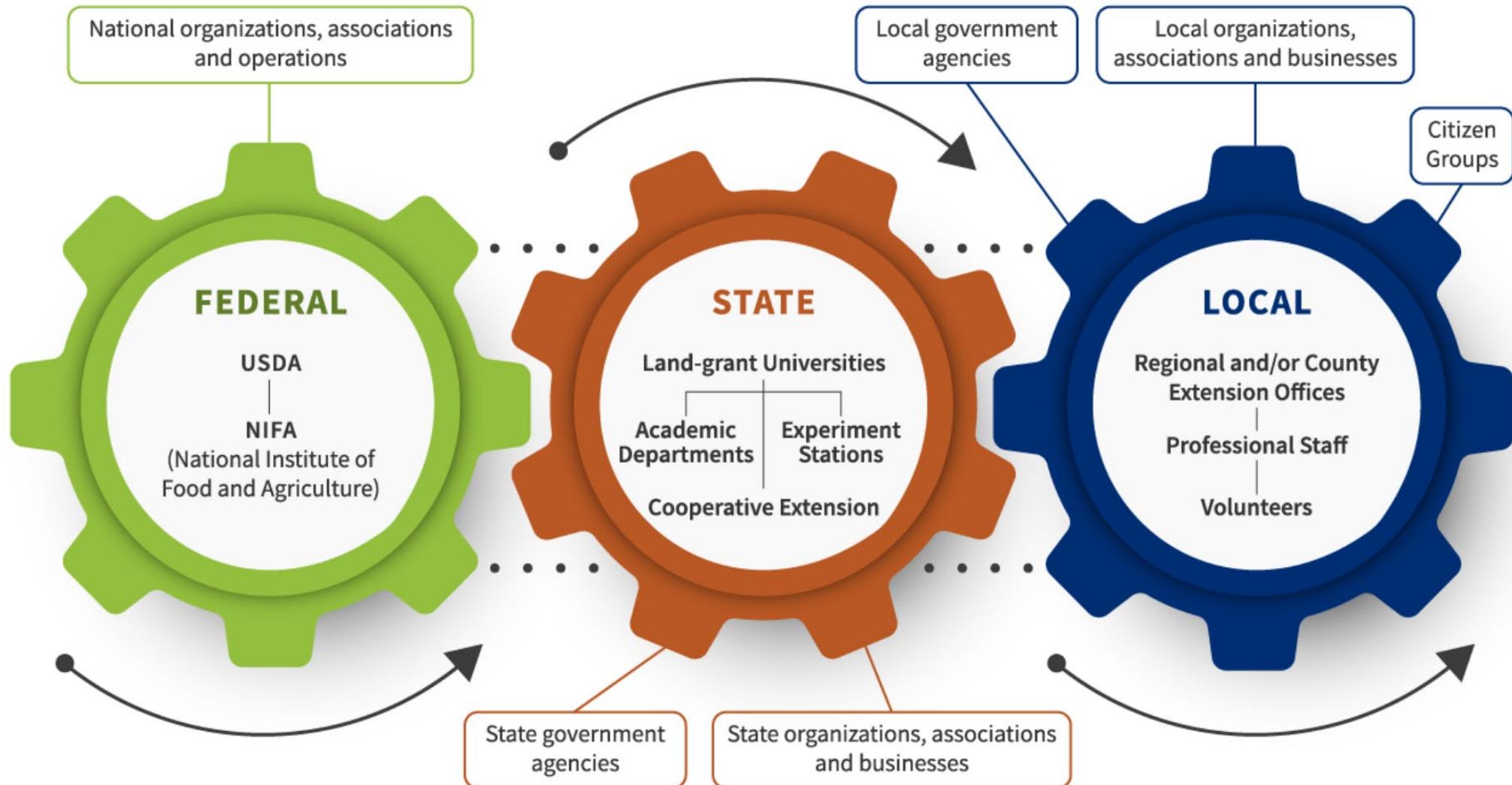


Art: Darby Raymond-Overstreet, Diné, UCSF Office of Diversity and Outreach

UC ANR Delivers California's Land Grant Mission



- Land Grant Universities established by Congress in 1862
- The University of California created in 1868
- Congress authorizes Agricultural Experiment Stations (AES) at Land Grants in 1887
- Cooperative Extension established by Congress in 1914

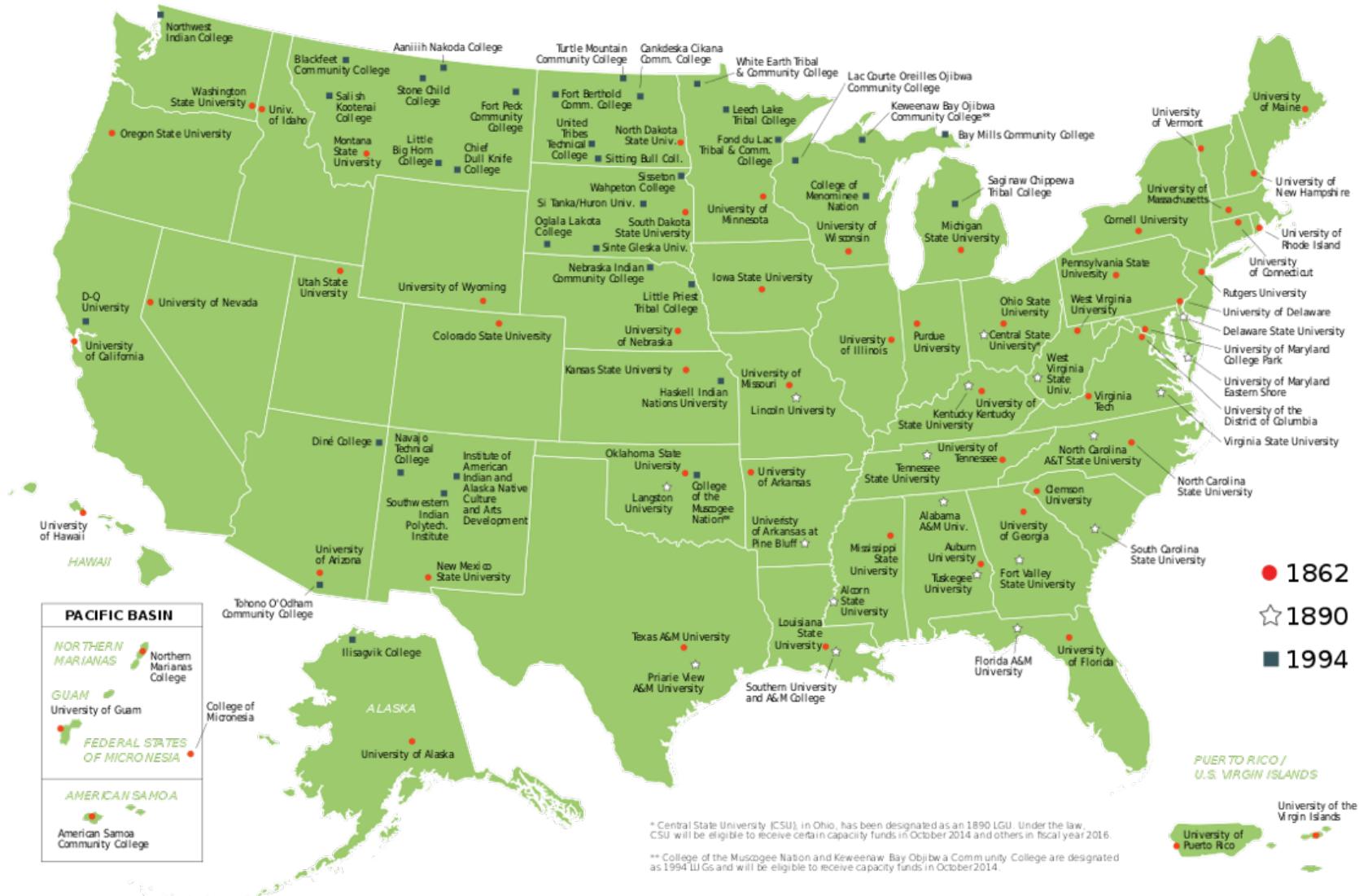




United States
Department of
Agriculture

National Institute
of Food and
Agriculture

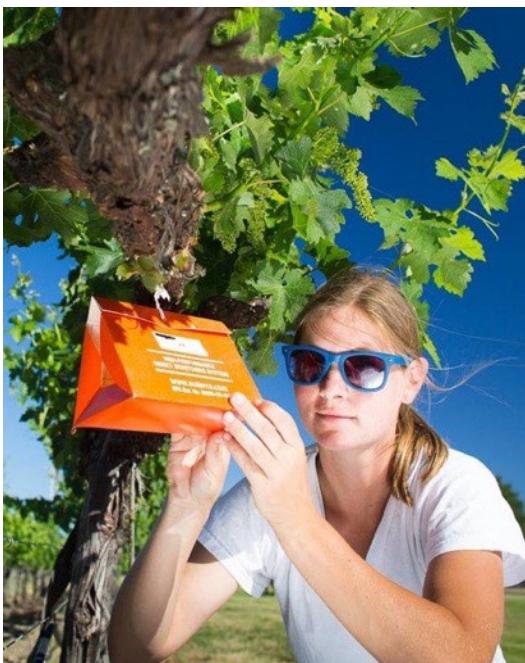
NIFA LAND-GRANT COLLEGES AND UNIVERSITIES



Bringing UC to Californians

UC ANR research & education programs support the following in all 58 counties:

- Sustainable, safe, and nutritious food production and delivery
- Economic success in a global economy
- A sustainable, healthy, and productive environment
- Science literacy and youth development



UC Cooperative Extension

- 188 Advisors conduct research in local communities
- 311 Community Educators delivering programs
- 109 campus/county-based Specialists



Research and Extension Facilities

- Nine Research and Extension Centers and Elkus Ranch Environmental Education Center: 12,500+ acres
- 235 research projects

Agricultural Experiment Station

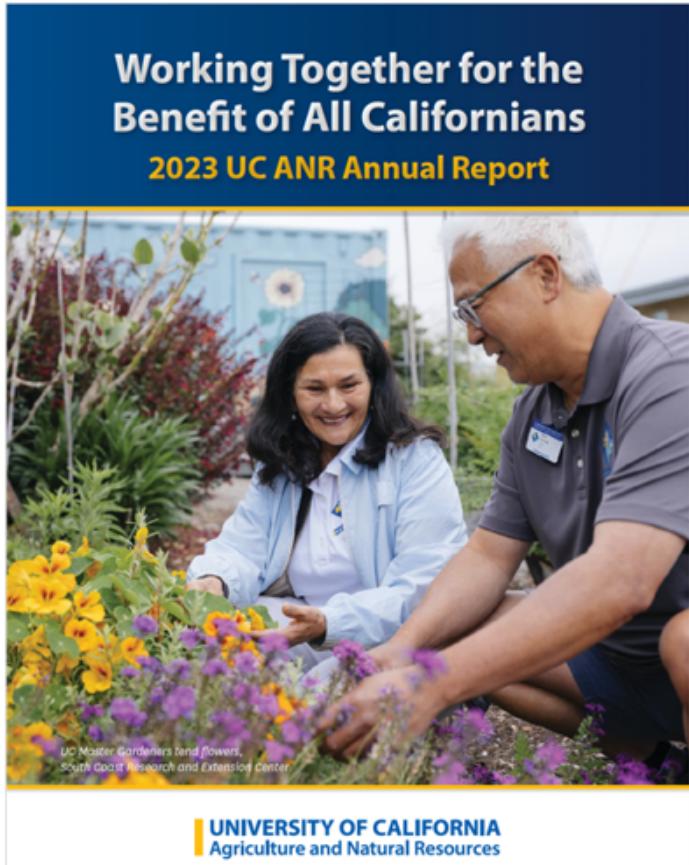
- 513 researchers on 5 campuses
- 800+ research projects in partnership with land-grant partner USDA NIFA (2023)

17 Statewide Programs and Institutes

- 4-H Youth Development
- CalFresh Healthy Living, UC
- California Institute for Water Resources
- Community Nutrition and Health
- Expanded Food and Nutrition Education
- Informatics and GIS
- Nutrition Policy Institute
- UC ANR Fire Network
- UC ANR Innovate
- UC ANR Policy Institute
- UC ANR Small Farms Network
- UC Environmental Stewards (California Naturalists & Climate Stewards)
- UC Master Food Preserver
- UC Master Gardener
- UC Organic Agriculture Institute
- UC Statewide Integrated Pest Management
- UC Sustainable Agriculture Research and Education

**Over 16,000 volunteers contribute 1.2M hours
in donated public service**

UC ANR Snapshot: 2023 Program Highlights



9 novel ideas led to patents issued



16,647 trained volunteers delivered 1.2 million hours of public service



\$2M collectively saved on groceries by Expanded Food and Nutrition Education Program (EFNEP) graduates



1,500 policy engagement activities



1,255,990 adult and youth direct contacts/ educational exchanges



29,280 workshops, field days, courses & program meetings



1,880 publications and new educational materials produced

Supporting State Agency Missions through Partnerships

- ✓ Joint research projects and subject matter experts
- ✓ Training in pesticide safety, vegetation management, fire suppression, irrigation and more
- ✓ Developing educational materials and programs
- ✓ Mapping future fire probability under climate change scenarios to address public safety
- ✓ Promoting use of agricultural lands for groundwater recharge and drought management
- ✓ Providing evidence-based programs and teaching for SNAP-Ed and Women, Infants and Children (WIC)



CALIFORNIA DEPARTMENT OF
FOOD AND AGRICULTURE



Challenges to be Addressed in 2025-2040 Strategic Plan

- Agriculture and Food Systems
- Natural Ecosystems and Working Landscapes
- Thriving People and Communities
- Climate Change
- Innovation
- Regulations, Policy, and Compliance
- Systemic Inequities

Seven Challenges: Where We Make a Difference

As a long-trusted source for practical tools and information, UC ANR is uniquely positioned to cultivate, co-create, and share science-based solutions on a wide range of local to global issues. Based on extensive input from diverse sources, seven distinct California challenges have been identified as priority areas in which UC ANR can make a significant impact over the next 15 years.

The following pages outline just a few examples of actions UC ANR can take to drive positive outcomes under each of the challenge areas. Related goals, objectives, and metrics are developed and refreshed separately every five years.

All of the challenges are complex and interrelated, demanding interdisciplinary approaches to drive equitable, appropriate, and practical solutions. These challenges are all critically important and are listed alphabetically, not in any order of priority.

Our Priorities

These first three challenges specifically relate to UC ANR's research and programming core:

Agriculture and Food Systems

California's agriculture and food systems face barriers to productivity, sustainability, profitability, and equitable distribution of healthy foods.

Natural Ecosystems and Working Landscapes

California's diverse ecosystems are impacted by multiple stressors, threatening ecosystem services, biodiversity, and resilience.

Thriving People and Communities

California's people and communities face barriers to physical, nutritional, social, and economic well-being, coupled with inequitable opportunities for development and civic engagement.

These next four challenges are overarching and impact all areas of UC ANR research and programmatic activity:

Climate Change

Climate change fundamentally threatens California's communities, ecosystems, agriculture, and other working landscapes, creating urgent demand for scalable strategies to mitigate causes and build resilience.

Innovation

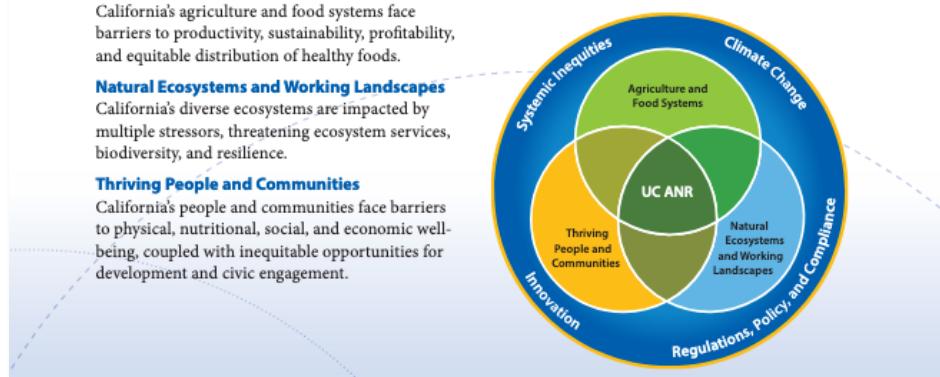
Rapidly changing information, technology, materials, and public demands necessitate the development, evaluation, and adoption of secure, innovative tools and solutions.

Regulations, Policy, and Compliance

California faces a complex, ever-changing regulatory environment in which science-based input and community engagement are needed to inform policy decisions and implementation.

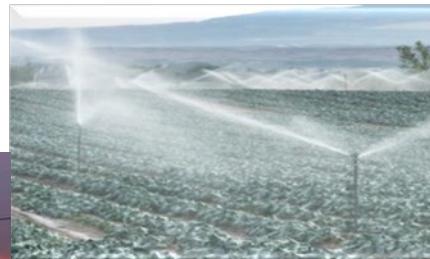
Systemic Inequities

Inequitable access to critical resources stresses many segments of California's population, causing significant disparities in well-being.



UC ANR Research & Extension Needed More than Ever

- New technologies, crops and tools required
- Food and nutrition systems are fragile
- Climate change impacts
- Economic disconnects
- Disaster response



Need Solutions for:

- Worker and community well-being
- Industry recovery, resiliency and compliance
- Market competitiveness, growth and profitability

UC ANR Growing and Thriving in our Second Century

- ✓ Develop new partners, non-traditional resources, improved visibility
- ✓ Reach more Californians – expand number and diversity of audiences
- ✓ Ensure delivery & services are relevant
- ✓ Leverage new technology and methods; retool, recapitalize, reinvest in facilities and infrastructure
- ✓ Deliver our mission – be a catalyst for positive change



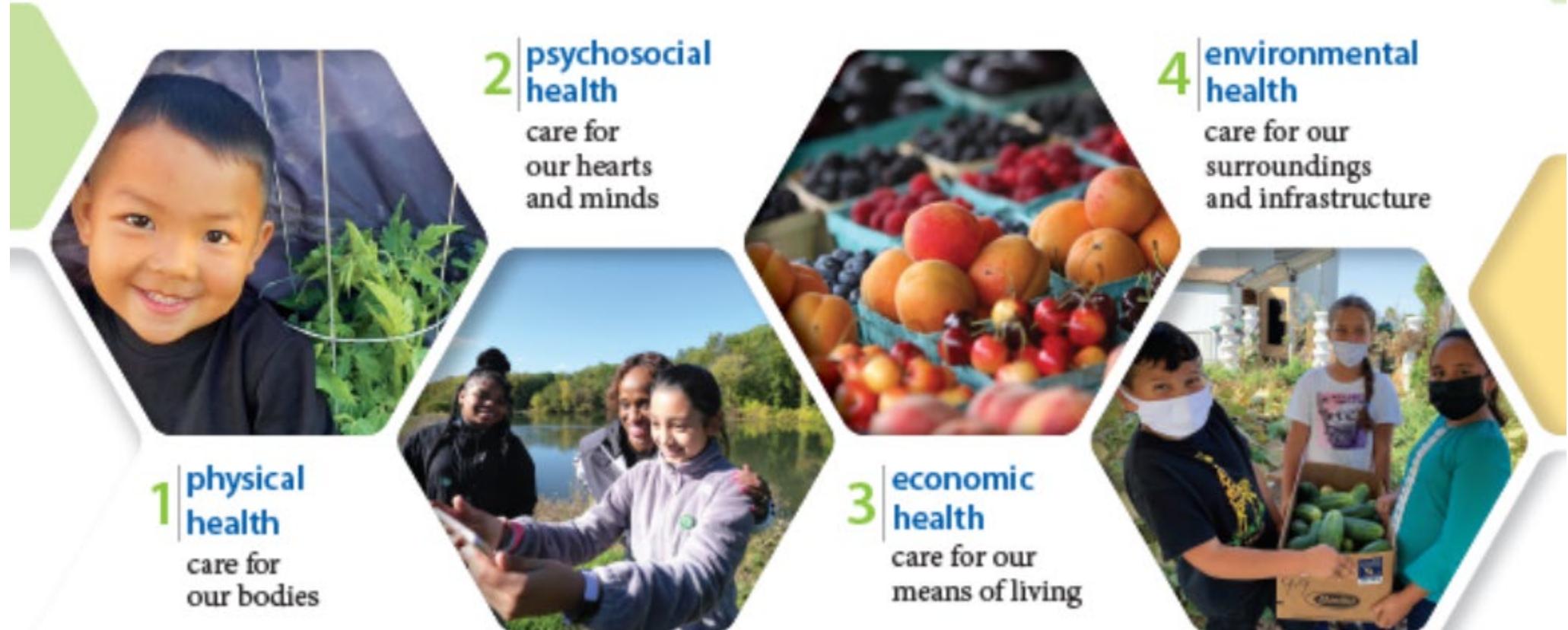


Community Nutrition and Health Unit

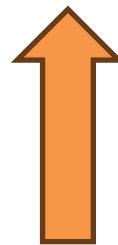
We are a statewide network of researchers and educators advancing integrated approaches that promote holistic health and equitable communities for all Californians.

We envision an inclusive, thriving society where the people of California enjoy holistic health and well-being within equitable communities, free from chronic disease, and with benefits of social connection and belonging.

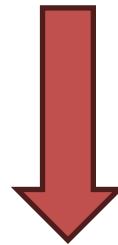
Issues: Four Domains of Health



Future Vision: Emerging Initiatives



Increase quality of life and health/life span



Decrease chronic and preventable disease



MEDIUM TERM OUTCOMES



- Increase physical activity
- Increase fruits & vegetables
- Improve food security
- Improve financial security
- Decrease ultra-processed foods



- Increase time in nature
- Increase social connection (social and cultural capital)
- Increase positive mood
- Improve equity and equality
- Decrease screen time

LONG TERM OUTCOMES



Achieve optimum fitness levels for aerobic, strength, flexibility and balance

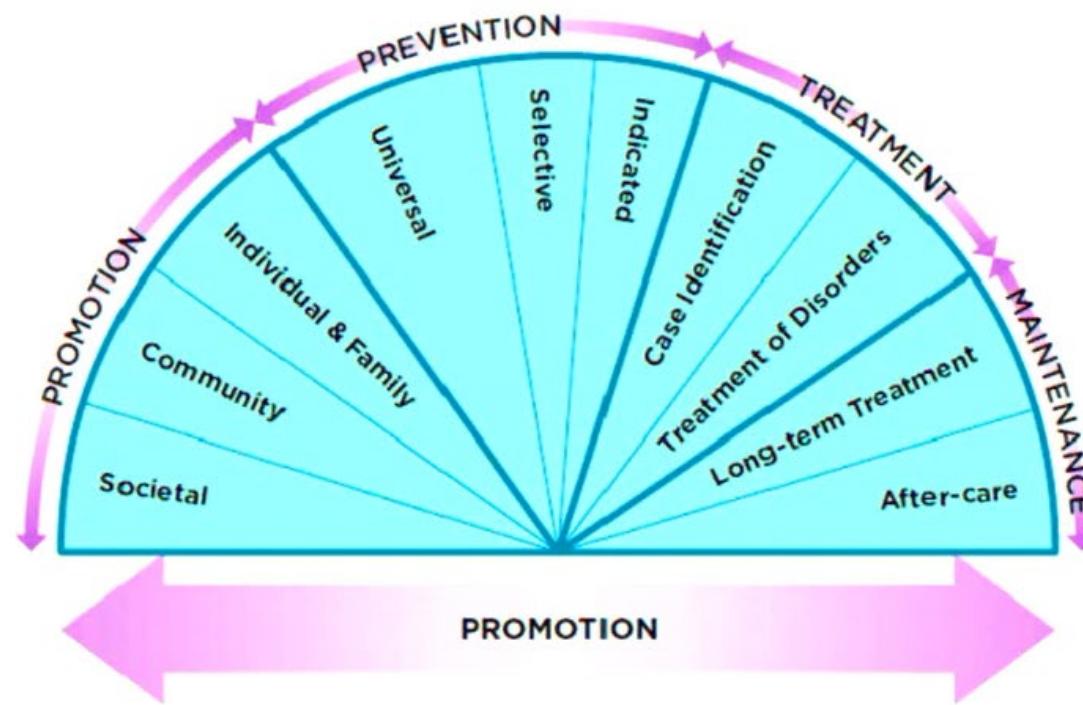
Achieve optimum nutritional and metabolic status

Achieve optimum stress levels

Achieve optimum sleep duration and quality

Achieve optimum social interactions

Collaborating Across the Care Continuum

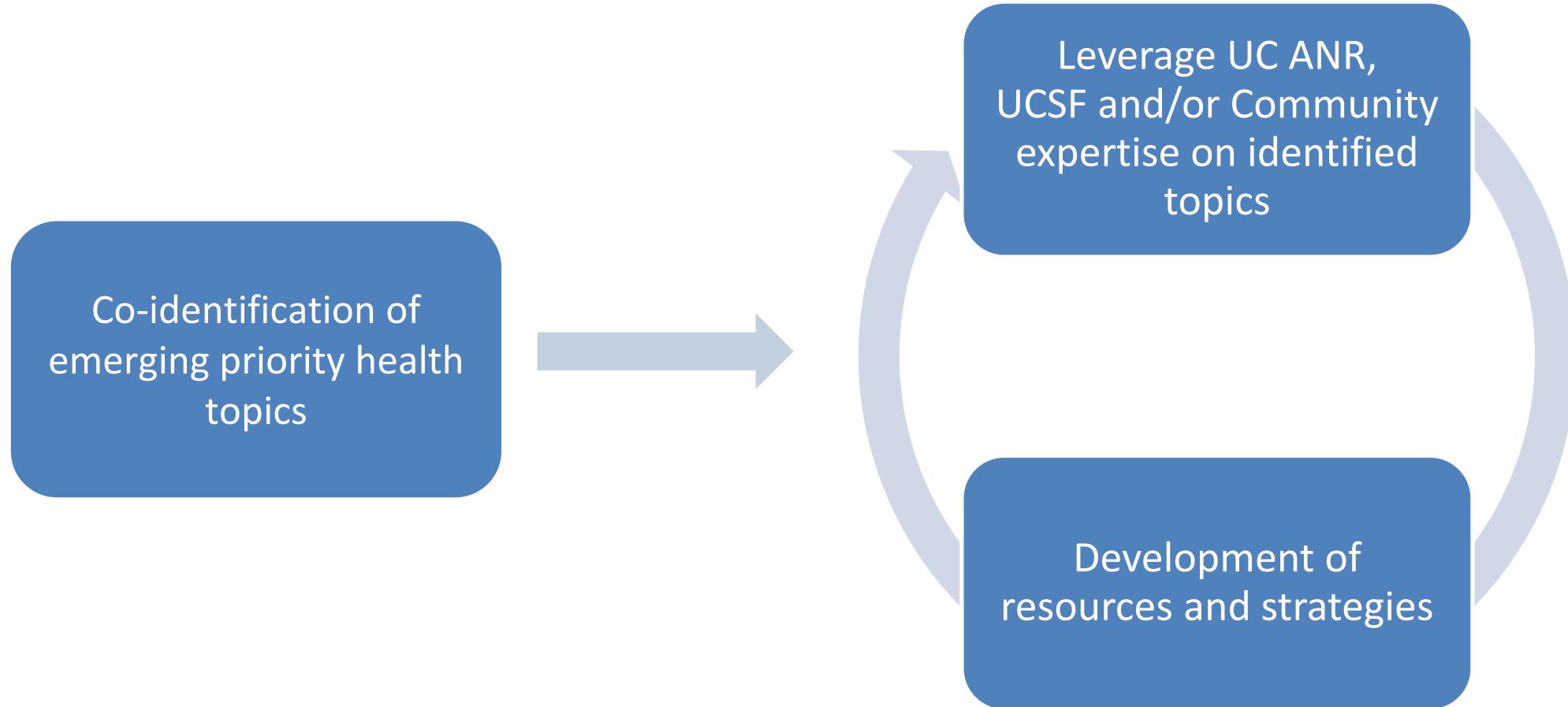


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UC ANR/UCSF: A powerful collaboration

In **2021**, UC ANR and UCSF launched a **multi-year collaboration** that supported a team of UCSF academics to join with leaders at UC ANR. The partnership aimed to enhance UC ANR's Cooperative Extension efforts to **deliver evidence-based health information to communities statewide**, with a shared commitment to **advancing health equity**.

Our Collaborative Process for Improving Health



Priority Areas

Project Team	Objective
 Project Team	 Objective
 Dietary Guidelines	 Create nutrition handouts based on CDC's top chronic diseases.
 Lactation Support	 Identify breastfeeding barriers for farmworker parents.
 Lactation Support	 Review proven strategies for breastfeeding support.
 CA Elders Health Equity	 Build a statewide plan to promote elder health equity.
 CA Elders Health Equity	 Use nutrition to reduce health disparities.
 CA Elders Health Equity	 Improve access to senior-friendly health tools.
 Mental Health	 Link mental and physical health with nutrition.
 Mental Health	 Identify mental health needs of UCANR educators.
 Medicaid	 Teach communities about Medi-Cal eligibility and benefits.
 Medicaid	 Remove access barriers for undocumented individuals.

UC ANR – UCSF Priority Areas Examples

Making the connection between mental health, physical activity and nutrition



Resource Database: Connecting Mental Health, Nutrition, and Physical Activity



Practical Resources Connecting Mental Health and Nutrition or Physical Activity

File Edit View Insert Format Data Tools Extensions Help

Menus 100% View only

Filter by Column: A B C D E F G H

This resource database summarizes evidence-based resources that connect mental wellness to nutrition or physical activity, and its purpose is to provide easy access to practical tools, academic studies, and educational material for UCANR advisors to use and/or inform their community work.

	Name of Resource	Source/Sponsor	Link	Type of Resource (e.g., video, patient material, journal article)	Physical Activity, Nutrition, or Both?	Mental Health Topic (e.g., stress, ACEs/trauma, positive childhood experiences)	2nd Mental Health Topic	Notes
1	Stressbusters	ACEs Aware	https://training.acesaware.org/aa/alt/detail?id=2115	Online Training	Both	ACEs	Trauma	CME credit is available. To complete all 8 modules takes eight hours.
2	Food and Mood Project	SAMHSA	https://www.samhsa.gov/about-us/who-we-are/regular-offices/food-and-mood	Resource Website	Nutrition	Youth Emotional Wellbeing	Behavioral Health Problems	No
3	Food and Mood: Understanding Science, Evaluating Evidence, and Implementing Best Practices	Mental Health Technology Transfer Center Network	https://vimeo.com/622626372	Video	Nutrition	Behavioral Health for School-Age Kids		Proc with
4	Leah's Pantry	Leah's Pantry	https://leahspantry.org	Trainings, Curriculum	Nutrition	Trauma-informed	Resilience-building	Proc
5	Mindful Eating	North Central Farm and Ranch Stress Assistance Center and U. of Illinois Extension	https://www.youtube.com/watch?v=Nz3v0lkXjHE	Video	Nutrition	Mindfulness		Client

UC ANR – UCSF Priority Areas Examples Cont.

Supporting Lactation

Community Nutrition and Health Community Advisory Committee (CAC)

- Composed of **14 community members** from 10 counties across CA, with a special focus on individuals who are current or former participants in, or community partners of EFNEP or CFHL
- CAC members provide feedback on UC ANR priority area team deliverables as well as ongoing collaboration with Anthem in Fresno, and Sacramento.
- Counties of CAC members: Alameda, Los Angeles, Orange, Placer, Sacramento, San Bernardino, Shasta, Sutter, Merced, Fresno



Credit to SmartDraw

Community Nutrition and Health Community Advisory Committee (CAC) - 2

Version 1.0



Version 2.0 after two rounds of CAC
feedback



UC ANR Collaboration Opportunities with Physicians, Dentists, and Counties

- Collaborate on research opportunities
- City of Hope
- Pilot project- Specialist looking for clinics to refer participants to EFNEP



Photo from [PikPng](#)

Questions?

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If you have questions or would like to connect with us regarding this collaboration, please contact us!