

Town Hall

2-3 pm, Sept. 21, 2023

Agenda

- Welcome
- Leadership Update
- Strategic Focus
- Stories from the Field
- New Hires
- Other Updates

Chat warmup
Learning about each other:

What's your favorite thing about fall?



Leadership Update

Vision & News - (10-15 mins)



Leadership Update:

State travel ban

Potential federal government shutdown Oct. 1

Strategic Vision process update

Call for positions

Strategic Focus

The Climate Smart Agriculture Program
Hope Marks Zabronsky, Academic Coordinator

The Climate Smart Agriculture Program at UC ANR



Program Overview

A partnership between the California Department of Food and Agriculture (CDFA) and the University of California Agriculture and Natural Resources (UC ANR)

Goals:

- Increase the adoption of science-based, climate-smart farming and ranching practices
- Support climate-change mitigation by reducing GHGs
- Promote climate-change adaptation and on-farm resilience
- Increase water-use efficiency

Approach:

- Provide outreach, education and technical assistance to growers for implementing climate smart practices



Glenda Humiston, and CDFA Secretary Karen Ross form ANR-CDFA partnership to help farmers adopt climate-smart agricultural practices. Photo by Evett Kilmartin

Program Team

THE TEAM

The program is run by the California Institute for Water Resources (CIWR) within UC ANR. The team includes the CIWR Director, an Academic Coordinator (AC), three Regional Advisors (RA), and ten Community Educators (CEs) serving twenty-five counties in California.

Erik Porse,
CIWR Director

Hope Zabronsky,
AC

Betsy Karle, RA

Ben Faber, RA

Ruth Dahlquist-
Willard, RA

Caddie Bergren,
CES

Amber Butland,
CES

Amanda Charles,
CES

Lizzeth
Mendoza, CES

Esther Mosase,
CES

Ana Resendiz,
CES

Maria Ridoutt
Orozco, CES

Heather Mont-
gomery, CES

Nicki Anderson,
CES

TBD, CES



Seven members of the Climate Smart Agriculture Team gather in Fresno, California

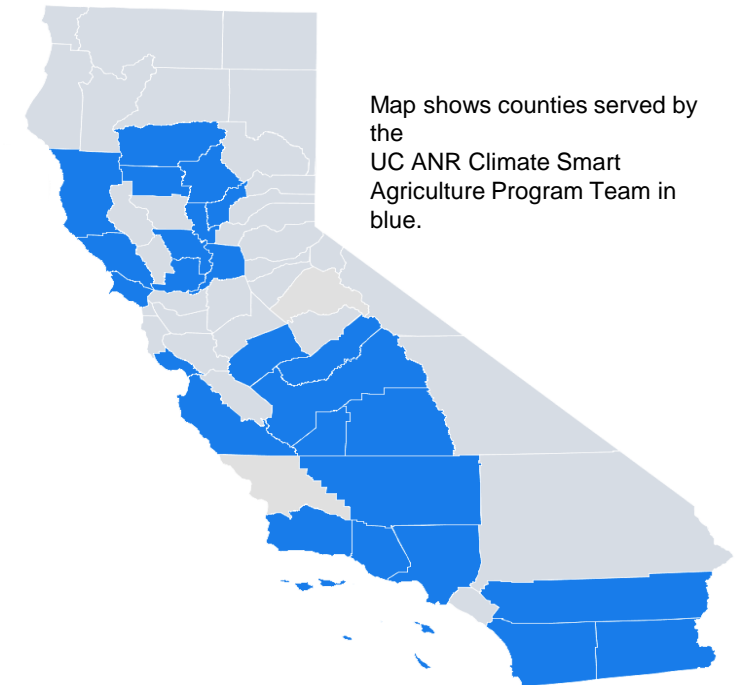
Technical Assistance for California Growers

The UC ANR Climate Smart Agriculture Program provides:

- **Education and outreach** through:
 - Field days
 - Workshops and presentations
 - Train-the-trainer events
- **Technical assistance** for programs including:
 - Healthy Soils Program (HSP)
 - State Water Efficiency and Enhancement Program (SWEEP)
 - Alternative Manure Management Program (AMMP)
- **Support for research** and extension efforts
- **Tailored assistance** to small-scale, non-English speaking, socially disadvantaged, and priority population farmers and ranchers

COUNTIES SERVED

Glenn	Mendocino	Solano	Tulare	Ventura
Tehama	Santa Cruz	Merced	Yuba	Santa Barbara
Butte	Imperial	Madera	Sutter	Monterey
Sonoma	Sacramento	Kern	San Diego	Fresno
Marin	Yolo	Kings	Riverside	Santa Clara



Technical Assistance: Pre-Award

Pre-Award Activities:

- ✓ Conduct grower site visits and consultations
- ✓ Conduct irrigation system assessments
- ✓ Host informational workshops and webinars
- ✓ Produce outreach materials and attend grower meetings
- ✓ Support submission of online applications, including workplans, budget development, and methods for quantifying benefits of projects



Technical Assistance: Post-Award

Post-Award Activities:

- ✓ Support all aspects of project implementation and closeout
 - ✓ Soil sampling and field data collection
 - ✓ Gathering verification documents
 - ✓ Developing invoices
- ✓ Host field days, workshops, demonstrations and other education events once grants have been awarded
- ✓ Coordinate with vendors, companies and input suppliers



Building Healthy Soils

- Supporting growers to increase adoption of soil health practices that build soil organic matter and reduce GHGs
- Practices include compost, cover crops, hedgerows, mulch, reduced tillage and many others



Soil sample after years of cover crops

 **350**
Projects

 **\$24 Million**
Awarded

 **271,000 MTCO₂e**
Reduced over 3 years

Increasing Water-Use Efficiency

- Supporting the adoption of irrigation practices that increase water efficiency, improve water quality and supply, and reduce GHGs
- Practices include soil moisture sensors, improved irrigation scheduling, drip irrigation, solar/electric pumps, and others



New sprinkler heads and pipes installed

 **68**
Projects

 **\$7 Million**
Awarded

 **44,300 MTCO₂e**
Reduced over 3 years

 **8.3 Billion Gallons**
Water Saved over 10 years

Implementing Manure Management

- Increasing the adoption of alternative manure management practices that reduce GHGs from dairy and livestock operations
- Practices include pasture-based management, alternative manure treatment and storage, and solid separation



Solid separator and manure storage

 **9**
Projects

 **\$5.6 Million**
Awarded

 **40,200 MTCO_{2e}**
Reduced over 5 years

Statewide Impacts

427
Awarded Projects

\$37 Million
in Supported Grants

308,000 MTCO₂e
Reduced

8.3 Billion Gallons
of Water Saved

AMMP Project: Glenn County



A manure solid separator keeps solids out of the manure pond.

HSP Project: Fresno County



Cover crops in an organic raisin vineyard add nitrogen to the soil.

SWEEP Project: Santa Cruz County

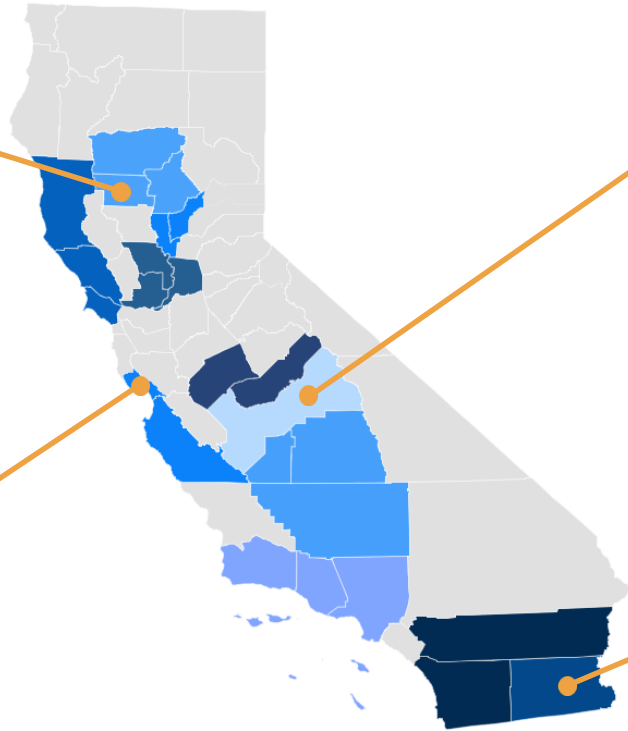


An electronic weather station provides real-time data on irrigation needs.

SWEEP Project: Imperial County



Solar panels provide renewable energy for irrigation pumps.



100
Workshops Held

2,341
Workshop Attendees

25
Counties Served

6
Languages Supported

Case Study: Merced County



Grower Spotlight: Rosie Lee

Crops Grown: Asian greens, green beans, corn, and strawberries

Acreage: 18

Water Efficiency Project Award: \$58,342

Project Summary: Convert from flood to drip irrigation and install solar panels to reduce pumping costs

Water Savings: 14.4 acre-inches annually

Emissions Reductions: 12.4 MTCO₂e per year

Thank you!

Questions? Feel free to contact:

Hope Zabronsky, M.S.

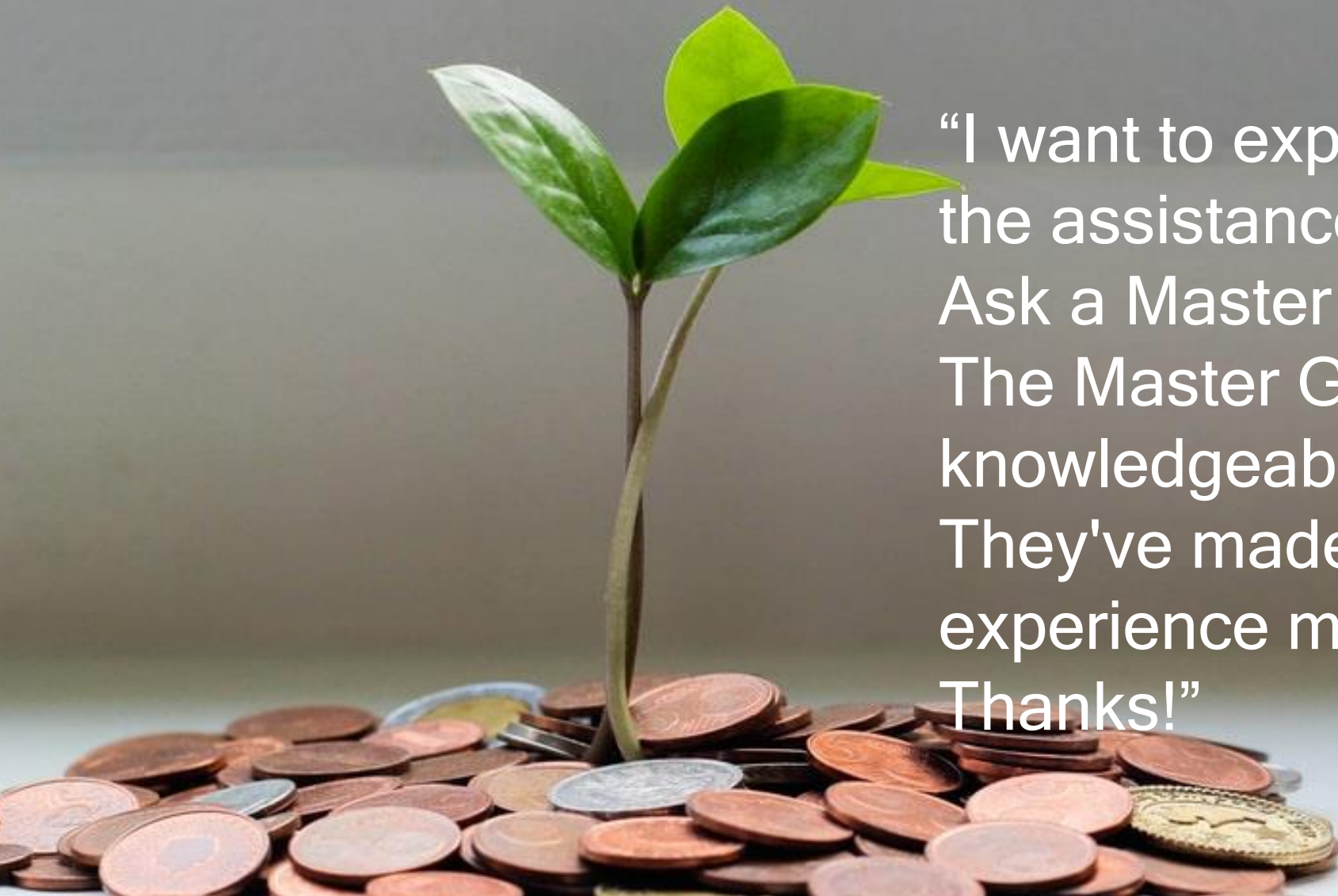
Email: hzabronsky@ucanr.edu

Website: ciwr.ucanr.edu



Donor Feedback

People care about what we do



“I want to express my gratitude for the assistance I’ve received from the Ask a Master Gardener program. The Master Gardeners are knowledgeable and willing to help. They've made my gardening experience more enjoyable. Thanks!”

- Winnie S., Sunnyvale

Stories from the Field

Promoting healthy people and communities through an interdisciplinary youth development program in Sutter County

Presented by: Matthew Rodriguez, PhD
4-H Youth Development Advisor
University of California Cooperative Extension
Placer, Nevada, Sutter, and Yuba Counties

September 21, 2023

My multi-cultural upbringing informs and guides my research and practice



About my clientele in Sutter County



Factors	Sutter
Population	99,633
Youth	19%
Race/Ethnicity of All People	32% Latino
Foreign-Born	22%
Families With Children	46%
People In Poverty	13%
Bachelor's Degree	13%
Fair or Poor General Health	22%

Developing gardening, agriculture, and nutrition programs for Sutter County youth



T H E C E N T E R

at Sierra Health Foundation

ANR public value: Promoting healthy people & communities

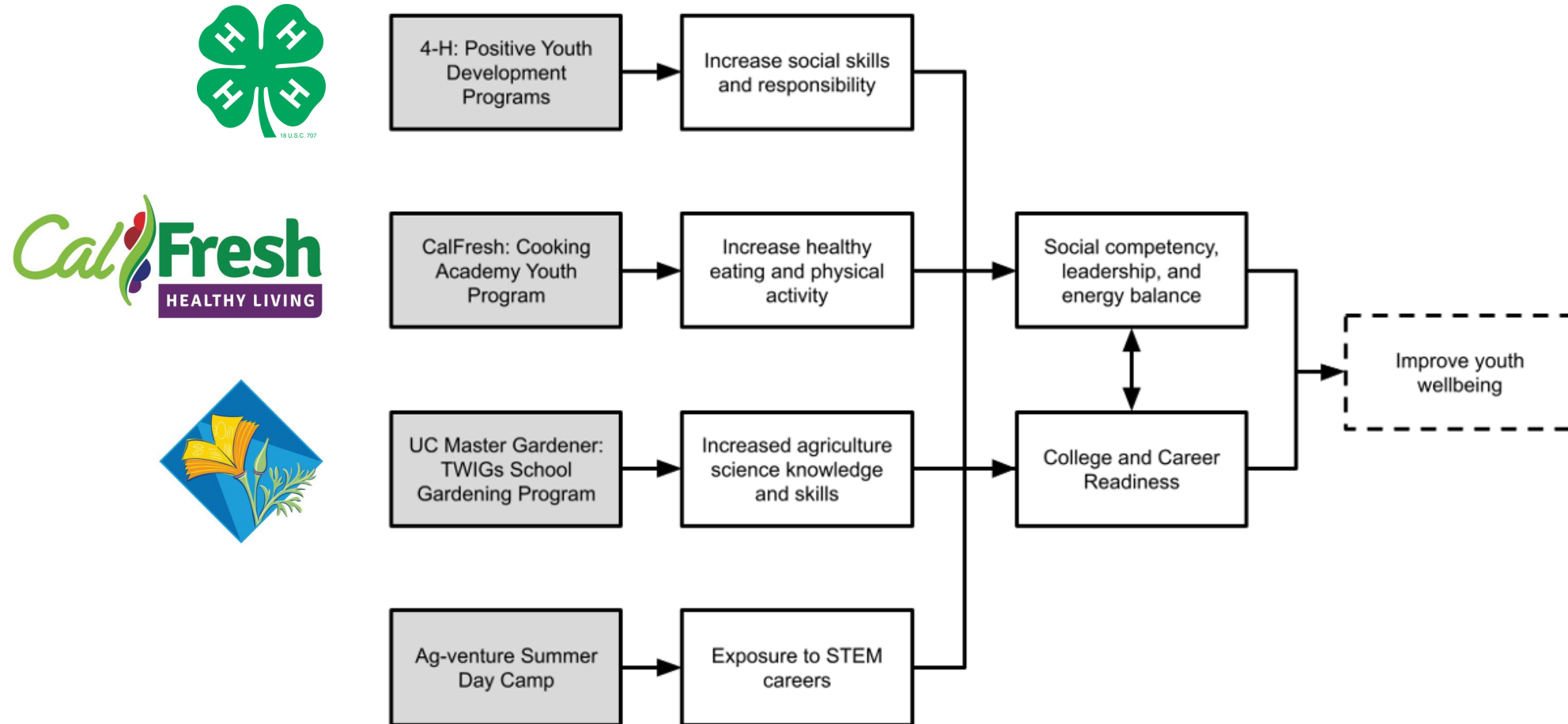
Youth Program Goals:

- To increase youth's social competency, leadership, and wellness
- To support youth's college and career readiness



Interdisciplinary program's theory of change

Figure 1: Conceptual Model*



*Youth programs in gray

Questions that came up...

- Should we charge a fee for economically disadvantaged youth to participate in the summer day camp?
- Should we hire part-time staff or recruit volunteers to staff the program?
- What training should be offered to staff?
- How should we describe this interdisciplinary initiative to internal and external stakeholders?



Demographics of youth

	M (SD)	n (%)
Age	8 (1.62)	132 (100)
Gender		
Female		65 (51)
Male		58 (46)
Non-binary		1 (1)
Prefer not to state		3 (2)
Race/ethnicity		
Latino		13 (11)
Black		2 (2)
White		54 (47)



Results for older youth (grades 4-8)

	M (SD)	n (%)
Program Satisfaction		
Planned to return next year		24 (45)
Knowledge Attainment		
Learned new ag knowledge	3.94 (1.00)	
Know what ag careers may look like	3.44 (1.18)	
Affective Domain		
Felt included by youth campers	4.00 (0.89)	
Felt respected by camp staff	4.24 (0.89)	



Results for younger youth (grades K-3)

	M (SD)
Program Satisfaction	
Had fun at camp	3.69 (0.63)
Hope camp is offered next year	3.61 (0.70)
Knowledge Attainment	
Learned new ag knowledge	3.62 (0.74)
Affective Domain	
Felt safe to ask questions	3.36 (0.87)
Felt camp counselors were nice	3.72 (0.53)



Implications for interdisciplinary youth programming

Key take-aways

- Collaboration among UC ANR program units is feasible
- Preliminary results suggest collaborations can design nurturing developmental contexts that support the wellbeing of young people living in challenging circumstances



My new UC ANR “Thriving Forward” blog

<https://ucanr.edu/blogs/ThrivingForward>

The screenshot shows the homepage of the UC ANR Thriving Forward blog. At the top, there is a blue header with the University of California logo and the text "University of California Thriving Forward". Below the header, the date and time "WED, SEP 20 2023 13:07:46" are displayed. On the left side, there is a navigation menu with links for "Home", "Subscribe", "Login", "Subscribe to: RSS", "PODCAST", "Recommended Links", "ANR Adventures", "Ranching in the Sierra Foothills", "Together@Work", "Youth Development Insights", "ANR Blogs", "Search: Search Blog Content GO!", "Post Archive", and "Tag List". The main content area features a featured article titled "Meet John and Cindy McIntosh" by Matthew Rodriguez, published on September 15, 2023. The article includes a photograph of four people sitting on a white wicker bench outdoors. Below the photo, there is an "Overview" section and a section titled "About the McIntoshes".

Online poll

Do you think your program could collaborate with 4-H to promote healthy people and communities in the next 12 months?

<https://www.menti.com/alyqqo86e23f>



Online poll results

[https://www.mentimeter.com/app/presentation/alwmtxu6skez
p4b65yftaretegg5xcub](https://www.mentimeter.com/app/presentation/alwmtxu6skez
p4b65yftaretegg5xcub)

Acknowledgements

- The youth who participated in the program
- Co-Investigators: Whitney Brim-DeForest and Nicole Marshall-Wheeler
- Staff: Melissa Ussery (CalFresh Supervisor, Sutter-Yuba), Rayna Barden (4-H CES, Sutter-Yuba), Rene McCrory (4-H Secretary, Sutter-Yuba), Johnny Yang (MG/MFP CES, Sutter-Yuba), Jona Pressman (CalFresh Manager, Butte Cluster)
- The Center at Sierra Health Foundation for their generous support
- Master Gardener Program volunteers and staff
- CalFresh Healthy Living staff
- Master Food Preserver volunteers
- 4-H volunteers and staff



Thank you

Contact

Matthew Rodriguez, PhD

4-H Youth Development Advisor

University of California Cooperative Extension

Placer, Nevada, Sutter, and Yuba Counties

mrro@ucanr.edu | @mattr_rodriguez

<https://ucanr.edu/blogs/ThrivingForward>

In the Media

- **Mary Lu Arpaia** was quoted on KJZZ, Slate, Food & Wine, Press-Enterprise about the UCR Luna avocado
- **Luca Carmignani** was featured in USA Today on how wildfires start; he spoke to KNX News about wildfire threats in SoCal; and he was quoted in New Scientist on fire-spotting AIs
- **Alec Dompka** was quoted in Wild Rivers Outpost about a UCCE survey on financial effects of the Smith River Complex fires
- **Yana Valachovic** was quoted by Associated Press on fire warning systems in Paradise and lack of warnings in Maui
- **Ryan Tompkins** was quoted in LA Times on the millions of trees, including Joshua trees, that are dying in California wildfires
- **Susie Kocher** was quoted in LA Times about a house that survived the Lahaina fire while those around it were destroyed.



George Zhuang on American Vineyard

https://ucanr.edu/News/UC_ANR_in_the_news

New Hires: Welcome to UC ANR!

July 18-Sept. 18

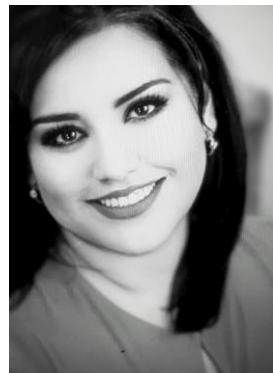
Marcella	Aceves	CMTY EDUC SPEC 2
Sravanthi	Adelli	BUS SYS ANL 3
Leslie	Alfonso	CMTY EDUC SPEC 2
Pearl	Avari	ASST COOP EXT ADVISOR
Rubia	Branco Lopes	ASST COOP EXT ADVISOR
Haylee	Bregoff	LAB AST 2
Jorge	Calva	SRA 2 NEX
Diana	Cervantes	BROADCAST COMM SPEC 3
Noah	Cooke	CMTY EDUC SUPV 2
Srabani	Das	ASST SPECIALIST COOP EXT
Edith	de Guzman	ASST SPECIALIST COOP EXT
Kelsey	Galvan	SRA 2 NEX
Diana	Garcia-Colmenarez	BLANK AST 2
Mahesh	Ghimire	ASST SPECIALIST
Aaron	Gomez	CMTY EDUC SPEC 2
Shahen	Halebian	PROJECT POLICY ANL 3
Heather	Hill	CMTY EDUC SPEC 2
Ryan	Hill	ASST COOP EXT ADVISOR
Lupe	Ibarra	FINANCIAL SVC ANL 2
Janice	Kelley	CMTY EDUC SPEC 2
Jenna	Kwan	PROJECT POLICY ANL 1
Breanne	Lencioni	CMTY EDUC SUPV 2



Srabani Das



Marcella Aceves



Diana Cervantes



Edith De Guzman



Aaron Gomez

New Hires: Welcome to UC ANR!

July 18-Sept. 18

Mary	Manning	CMTY EDUC SPEC 2
Scott	Mautte	CMTY EDUC SPEC 3
Jason	Merin	SRA 2 NEX
Esther	Mosase	ASST COOP EXT ADVISOR
Farah	Olson	CMTY EDUC SPEC 2
Lindsey	Pedroncelli	SRA 2 NEX
Michelle	Peeters	CMTY EDUC SPEC 2
Hironel	Perales	FARM MACH MECH SR
Matthew	Pryor	LAB AST 1
Carla	Pryor	LAB HELPER
Matthew	Rapparlie	ENTERPRISE RISK MGT ANL 4
Mandeep	Riar	ASST COOP EXT ADVISOR
Jasmine	Rodriguez	LAB AST 1
Pablo	Rosales	FARM LABORER
Jill	Santos	CMTY EDUC SPEC 2
Tari	Schramm	SRA 2 NEX
Eric	Schueler	DESIGN AND CONST MGT SPEC 5
Henna	Shaikh	CMTY EDUC SPEC 2
Yuhang	Shi	FINANCIAL ANL 5
Dabie	Shimoum	BLANK AST 3

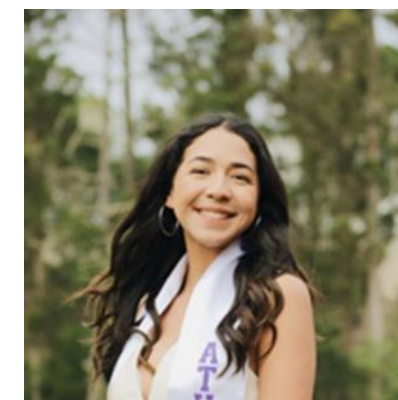
Atef	Swelam	DIRECTOR, KEARNEY & WEST SIDE RECS
Sabine	Tegura	CMTY EDUC SPEC 2
Autumn	Turner	SRA 1
Lisa	Uribe	CMTY EDUC SPEC 2
Alexandra	Vargas	CMTY EDUC SPEC 2
Emma	Volk	ASST COOP EXT ADVISOR
Hannah	Wizeman	SRA 4
Pia	Wright	EMPLOYEE REL REPR 3
Mary	Zoller	CMTY EDUC SPEC 2



Eric Schueler



Sabine Tegura



Alexandra Vargas

Other Updates

ANR@Work survey

October is Cybersecurity Awareness Month

Hispanic Heritage Month ucanr.edu/HHM2023

Jose Hernandez's biopic, "A Million Miles Away," about his journey from farmworker to astronaut is available on Amazon Prime!



THANK YOU!

The next town hall will be October 20

 **UNIVERSITY OF CALIFORNIA**
Agriculture and Natural Resources