UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

II. Academic Program Review Dossier Cover Page | 2025-2026 Review Cycle

Name, Lived Name: **Preferred Pronoun(s):**	Nicole Marshall-Wheeler She/her
Academic Title:	Assistant Cooperative Extension Advisor (4-H Youth Development)
County/Program:	Butte, Colusa, & Glenn (housed in Butte)
Review Type:	Promotion
Current Rank/Step:	Assistant IV with Indefinite
Requested Rank/Step:	Associate I
Review Time Period:	June 1, 2018 to September 30, 2025
Thematic Areas:	1) Positive Youth Development 2) Volunteer Development 3) Youth Civic Engagement and Leadership 4) Academic Leadership within 4-H

UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

UNIVERSIDAD DE CALIFORNIA
Agricultura y Recursos Naturales

Position Description

Nicole Marshall-Wheeler
4-H Youth Development Advisor

Effective Date: July 1, 2022

Headquarters: Butte County

Purpose:
The 4-H Youth Development Advisor conducts a county-based extension, education and applied research program to address youth development needs in Butte, Glenn, and Colusa counties. The advisor is responsible for developing, implementing, evaluating, and strengthening local UC 4-H Youth Development (4-H YD) programming in Butte, Glenn, and Colusa counties. This position will focus on youth development, volunteer development, and youth civic engagement and leadership development. The advisor will develop strategies for expansion of 4-H community club programs, develop partnerships to implement new youth development programs, and enhance volunteer development by leveraging UC's contributions to the community through collaborative efforts, filling a void in research-based programs, and providing program evaluation to measure success. In addition, the advisor will provide academic support and leadership to the 4-H Regional Program Coordinator, county 4-H Community Education Specialists, and 4-H volunteers.

Clientele: 1) Educators – such as teachers, afterschool and expanded learning professionals, 4-H adult volunteers, 4-H professionals, 2) Youth – ages 5 to 18 years old.

ACADEMIC PROGRAM MAJOR RESPONSIBILITIES

- ***85% 4-H Youth Development Advisor for Butte, Glenn, and Colusa Counties***
- ***15% Statewide Support for UC 4-H Youth Development Program in Civic Engagement and Leadership Development***
- Develop and implement effective UC ANR Cooperative Extension applied research, Extension and educational programs to address the identified priority needs of the clientele and extend knowledge and information to enhance the delivery of programs that are consistent with UC ANR's Public Value Statements.

Technical Competence & Impact
Ensure clientele needs are assessed, and develops program goals to successfully meet clientele needs, in alignment with UC ANR's strategic initiatives and Public Value Statements.

- Conduct applied research designed to solve locally relevant problems and monitor related changes.
- Maintain and promote UC ANR's credibility by providing science-based knowledge and skills independent of personal or parochial interests.
- Represent UC ANR locally in a professional manner.
- As relevant, oversees delivery of UC ANR statewide programs at the local level; works with staff to ensure that outcomes and impacts are measured and communicated.

Communication

- Conduct and report regular needs assessments to identify priority issues or problems relevant to the local clientele groups being served.
- Disseminate useful, science-based information to inform clientele, using extension methods that are responsive to clientele needs and appropriate for the audience and situation.
- Evaluate programs and report accomplishments, results, and potential or actual impacts to scientific and lay audiences.
- Foster an increased understanding of UC ANR's Cooperative Extension's research and education programs in clientele, the public and policy makers.
- Effectively use online communication methods and associated software programs to support research and instruction.
- Actively advocate for UC ANR program awareness and support.

Collaboration, Teamwork & Flexibility

- Develop collaborative teams with other UC ANR academics, campus-based specialists and faculty and/or others, to address priority issues for UC ANR.
- Act as a facilitator in the public policy arena to effectively bridge divergent interests around issues that impact subjects within the UC ANR purview.
- Interact with UC ANR Program Teams, specialists, campus based Agricultural Experiment Station faculty (if appropriate) and others within the research/extension network to develop, strengthen and expand program goals.
- Participate in UC and UC ANR leadership, through committees, task forces and other formal or informal structures.
- Serve the California public by participating in activities of public agencies and organizations.
- Interpersonal Relationships: Be an effective listener and communicator, take responsibility for our own actions, motivate others, keep commitments and cultivate political and industry support for UC ANR.
- Build relationships to work with diverse populations and acclimate to varying circumstances.

Professional Development & Lifelong Learning

- Participate in professional organizations and collaborate with federal, state and county governmental agencies, non-government organizations and others by providing independent science-based information and leadership.
- Maintain a program of continuous self-improvement by participating in in-service training, seminars, workshops, work group & program team meetings, short courses, professional society meetings and other relevant opportunities.

Provide academic oversight and leadership

- Develop and deliver creative activities that meet the needs of the diverse youth, families, and communities in the county, including recruitment of diverse youth and volunteers.
- Oversee implementation of the UC 4-H Youth Development Program framework and ensure positive youth development occurs from an intentional process.
- Support the statewide network of 4-H Youth Development community educators in Civic Engagement and Leadership Development by serving as a statewide mentor, resource, and expert to ensure all counties have access to high-quality program opportunities and best practices.

AFFIRMATIVE ACTION and DIVERSITY, EQUITY, AND INCLUSION (DEI)

- Comply with all applicable federal and state laws and regulations, and all University policies regarding affirmative action, including prohibition of discrimination on the basis of race, color, national origin, religion, sex, sexual orientation, physical or mental disability, age, veteran status, medical condition, ancestry or marital status.
- Promote, in all ways consistent with other responsibilities of the position, accomplishment of the affirmative action goals established by UC ANR.
- Take all measures necessary to assure any employee or volunteer workers supervised by this position fulfill their affirmative action responsibilities.
- Develop a statement of program mission and definition of potential program clientele that embody a commitment to serve diverse ethnic and gender groups.
- Plan and conduct programs in such a manner as to provide equitable service to all ethnic and gender groups that comprise the potential clientele population for the program.
- Identify any barriers to clientele participation related to ethnicity, gender, or other characteristic of concern under the University's affirmative action policies and take corrective action as needed to remove such barriers.
- Collect, and keep current, demographic data identifying the ethnic and gender distribution of the potential clientele populations for the program and describing other characteristics of the population relevant to the pursuit of the Division's affirmative action goals.
- Compile and maintain documentation of service to each ethnic and gender group within the clientele population served by the program, including statistical records of clientele contacts, quantitative evaluations of benefits realized by clientele and reports of any special efforts to serve under-represented groups.

RELATIONSHIPS

- Administratively responsible to UC ANR Butte County Director with input from respective Colusa and Glenn County Directors.
- Programmatically responsible to the Statewide 4-H Director.
- Provides academic support to the 4-H Regional Program Coordinator, 4-H Community Education Specialists in Butte, Glenn, and Colusa; and other staff as needed.

QUALIFICATIONS

A minimum of a master's degree in education, child development, youth development, human development or related field. Experience conducting applied research and education programs with youth. Expertise in curriculum development, large-scale youth program development, volunteer development and management, and program evaluation. Experience working with diverse populations and the ability to bridge cultural differences. Strong leadership skills and experience in program and personnel management. Excellent written and oral communication skills. Must be able to work independently and collaboratively in teams and provide leadership for research and education activities. Must be adaptable to different work circumstances and work with a diversity of people and collaborators. Must be literate in internet communications and software appropriate to support research and education programs.

Reviewers:

Nicole Marshall-Wheeler

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Nicole Marshall-Wheeler, 4-H Advisor — Date

Luis Espino

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Date: 2023.11.16 08:01:29 -08'00'

Luis Espino, County Director, Butte County — Date

Lynn Schmitt-McQuitty

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Date: 2023.11.16 16:31:35 -08'00'

Lynn Schmitt-McQuitty, Statewide 4-H Program Director — Date

Final Approver:

D. Obrist — 11/16/23

Dr. Daniel Obrist — Date
Vice Provost of Academic Personnel

Program Review Narrative
June 2018 – September 2025

Introduction

I am a 4-H Youth Development Advisor serving Butte, Colusa, and Glenn counties. This seven-year cumulative review covers the period from my start date on **June 1st, 2018,** through **September 30th, 2025**. I am seeking **a promotion** from an Assistant Step IV to Associate Step I. My productivity levels over the past seven years culminate to meet expectations for an Associate I and demonstrate significant potential for a productive career within Cooperative Extension.

My program is comprised of four themes which support UC ANR's public values and condition changes: 1) Positive Youth Development; 2) Volunteer Development; 3) Civic Engagement and Leadership; and 4) Academic Leadership of 4-H. My program promotes *developing a qualified workforce for California*, as well *promoting healthy people and communities* by providing high quality experiential education to young people using peer reviewed 4-H curricula, delivering critical professional development to 4-H adult volunteer educators, and providing academic leadership to statewide civic engagement and leadership programs.

Statement of Special Circumstances: I accepted a geographical reassignment of counties effective July 1, 2022. From 2018 to 2022 I covered Colusa, Sutter, and Yuba counties. In July 2022, I began to cover Butte and Glenn counties (and continued with Colusa). Additionally, my counties did not have a 4-H regional program coordinator (as implemented in the 4-H staffing plan) until 2023; therefore, I assumed additional leadership duties including administrative work supervising staff, fundraising, policy interpretation, and conflict management.

Program Needs: My program is based on the findings of the needs assessments I conducted in 2018 in Colusa, Sutter, and Yuba counties, and in 2022 in Butte, Glenn, and Colusa counties, and continues to be informed by informal feedback from clientele and updated secondary data. For the needs assessments, I collected survey data from 4-H community club youth, parents and adult volunteers; conducted informal interviews with clientele such as adult volunteers, teens, and program partners (e.g., afterschool program directors, school principals, and Boys and Girls Clubs directors); and reviewed secondary data (test scores, census data), and then took the UC ANR public values and condition changes and the California 4-H Strategic Plan into account. The findings suggest volunteer development is critical to support the 4-H community club program in maintaining a high-quality youth experience; expanded learning partners need high-quality, hands-on programming and are asking for healthy living and STEM content. Additionally, school administrators have noted a need for mental health resources. I also conducted a statewide youth civic engagement needs assessment in 2024 on behalf of the California 4-H Statewide Civic Engagement Advisory Committee.

Theme 1: Positive Youth Development

Clientele: 4-H youth members, 4-H adult volunteers, teachers, out-of-school time educators

Goal: To strengthen 4-H adult volunteers, professional educators, and 4-H staff's competence in providing high quality youth development programming and fostering a safe environment.

Applied Research & Creative Activity:
I was an active contributor to two research studies. In 2020, my colleagues and I conducted a study surveying young adult UC 4-H alumni to better understand the long-term impacts of participating in the California 4-H program. We asked participants how their participation in 4-H influenced their economic success, health and wellbeing, and civic engagement. We found that 4-H alumni report more positive long-term outcomes than the U.S. general population (papers published in *Journal of Extension* and *Journal of Youth Development*). The findings provide valuable insight into long-term outcomes from 4-H participation, helping to reveal impacts of 4-H programming on young people as they grow into adulthood. See images 1, 2, and 3 on page 3.
Next, the Expanded Learning study explores how 4-H professionals cultivate new expanded learning partnerships and under what conditions do these practices lead to sustained programming and growth in youth participation. Beginning in 2024, we conducted a two-year, multi-site qualitative study of California's 4-H Expanded Learning Mini Grant Initiative. I had two counties (Colusa and Glenn) participate in the mini grants. I assisted with conducting the qualitative interviews, as well as data analysis. This study has prompted the development of two manuscripts and a tool kit for 4-H professionals and practitioners. I am a co-lead for the toolkit.
In addition to research projects, I also had several creative activities, in the forms of peer reviewed curriculum, and UC ANR Publications which include 2 project sheets and an educator factsheet. An example is the *4-H Water Wizards* curriculum I co-adapted with my colleagues. The curriculum passed national 4-H peer review and is available for sale nationwide on shop4h.org.

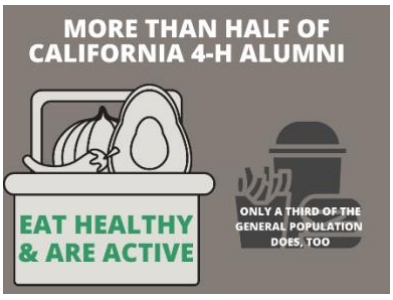
Extension Activities:
I concentrated on extending knowledge to professional youth educators to strengthen their knowledge in positive youth development, specifically how to make youth programming more experientially based, as well as supporting direct youth-programming and outcomes. The main county-based projects I committed time to was 4-H Cooking Academy, 4-H Water Wizards, and Youth Mental Health First Aid.

Cooking Academy is a 6-week cooking and nutrition project. Between 2018 and 2022 in Colusa, Sutter, and Yuba counties Cooking Academy was a collaboration between 4-H and Cal Fresh Healthy Living UC, and the project served 273 youth across 16 sites. In Colusa, Sutter, and Yuba counties we also implemented Teens-as-Teachers with this project, which utilizes cross age teaching – teen youth facilitate cooking lessons for elementary school youth. I facilitated 5-hours of training for new teen teachers and expanded learning staff (5 trainings across Colusa, Sutter, and Yuba counties). Following the program, 92% of teens reported feeling their group facilitation skills were good or excellent. Beginning in 2022, I began working with Butte County Office of Education to train expanded learning staff in Cooking Academy. I conducted four curriculum trainings which reached 87 staff. The staff I trained in Butte County reached 2,292 youth across 15 school sites between 2023 and 2025. Nearly 87% of the afterschool staff reported feeling more confident in teaching hands-on cooking activities to youth following the trainings (n=71). Additionally, youth participants report increased confidence in cooking as 74% of participants reported they were excellent cooks following the program, comparted to 46% who initially indicated they were excellent cooks. The youth participants also report eating more fruits and vegetables. Overall, 4-H Cooking Academy has reached over 4,000 youth between the four counties and I have secured over $60,000 for this project.

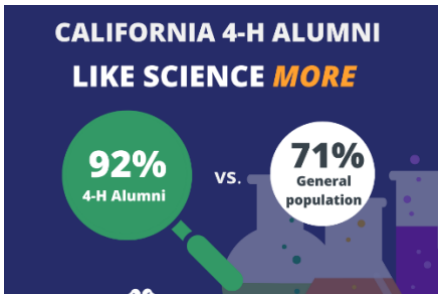
4-H Water Wizards provided water conservation and education to 262 sixth grade youth in Yuba County and 22 in Glenn County, as facilitated by 6 teachers. I provided training sessions to the teachers who facilitated the program. The teachers led the project over 12-weeks. Participants showed a statistically significant increase in their water knowledge (pre mean = 4.0; post mean = 5.2; $p<0.01$), as well as 94% reporting enjoying their participation in the program. Additionally, 72% of participants reported using less water following the program. The most reported actions for water reduction were taking shorter showers (25%) and turning the water off while brushing their teeth (12%). As part of the project, participants also planned community service projects related to water. One class planned to educate their peers at school about water use. This project has become well-established in Yuba County with educators asking to be put on our program scheduling calendar annually – educators continue to do this project even though I have moved onto other counties. 4-H Water Wizards has reached 12 sixth grade classes and I have secured $17,000 in support of this project between Yuba and Glenn counties.

Based on emerging clientele needs, in 2024 I joined my colleagues in a project facilitating Youth Mental Health First Aid (YMHFA), a certification which trains adults on what to look for and how to support youth experiencing a mental health crisis. We received a grant with the goal to train 100 4-H volunteers and program partners. Our team collectively trained 154 adults in 2025. I trained 38 adults in Butte and Glenn counties, serving both the statewide goal and my local clientele needs. There was a significant increase in knowledge related to the mental health action plan and what to do when encountering a youth experiencing a mental health crisis (n=103; pre = 49% knew what to do; post = 97% knew what to do; $p<0.001$). We are currently working to assess medium-term impacts, such as how often the trainees have used the skills they learned. We plan to do this in 2026 to give participants time to use their skills.

Impact:
My efforts provided educational learning opportunities to young people that would otherwise not have benefitted. The subject matter was selected to fill gaps based on needs assessment results. We know that increased consumption of nutritious foods, like fruits and vegetables, is related to better health outcomes, contributing to healthy people and lower health related risks (Kant, 2004). Thus, my efforts to implement the 4-H Cooking Academy with young people, and the associated behavior change outcomes contributes to *healthy people and communities*, as youth feel more confident in their cooking skills and increased their fruit and vegetable intake. Similarly, developing water literacy is essential in preparing the next generation who will tackle water-related issues (Houghman, et. al, 2020). Initiating and supporting *4-H Water Wizards* implementation not only contributes to high quality youth development programming, but also increased water knowledge and reduced water usage. The outcomes demonstrate that youth participants learned about and changed their attitudes about the environment, specifically water efficiency therefore contributing to the public value of *protecting California's natural resources*. Furthermore, my efforts to assess long-term impacts of 4-H programming on alumni, and comparison of findings to the general population, suggest that my efforts will have long-term benefits to the youth participants.







Images 1, 2, & 3: 4-H Alumni Study graphics

Theme 2: Volunteer Development
Clientele: 4-H adult volunteers

Goal: To strengthen 4-H adult volunteers' competence in providing high quality youth development programming.

Applied Research & Creative Activity:
I served as the lead author and co-technical editor on the *4-H Volunteer Educators' Guide* (2023), peer-reviewed by UC ANR, for 4-H adult volunteers. The guide provides 4-H adult volunteers a comprehensive document to reference for best practices when working with youth. In addition to the peer reviewed publication, I created several technical handouts for local volunteers to use in the 4-H community club program, such as a Virtual 4-H Project Meeting Checklist.

Extension Activities:
I focused on extending knowledge to 4-H adult volunteers, in my counties and statewide, to strengthen their understanding of positive youth development.

Locally, I dedicated time annually to support the 4-H community club program, thru extension workshops for 4-H adult volunteers. For each county, I organized and co-presented annually the community club leader's meeting, as well as the new volunteer orientation. During COVID-19, I led safety meetings for volunteers prior to returning to in-person youth programming. Over the past seven years, I've led 34 workshops for local volunteers, with 13 of them in this review cycle. Volunteers self-reported feeling more prepared for their 4-H volunteer role after attending a new volunteer orientation (n=41).

In 2023, the Developing Volunteer Capacities workgroup began leading a 4-session online statewide training for 4-H volunteers based on our publication the *UC 4-H Volunteer Educators' Guide* (2023). Overall, 290 volunteers registered, 166 attended at least one session, and 87 completed all the sessions. I designed and presented sessions on youth-adult partnerships and co-presented a session on experiential learning. Participants completed a survey after each session where they self-assessed their skills related to each session. We found a statistically significant improvement on the post means of each item when compared to the retrospective pre mean.

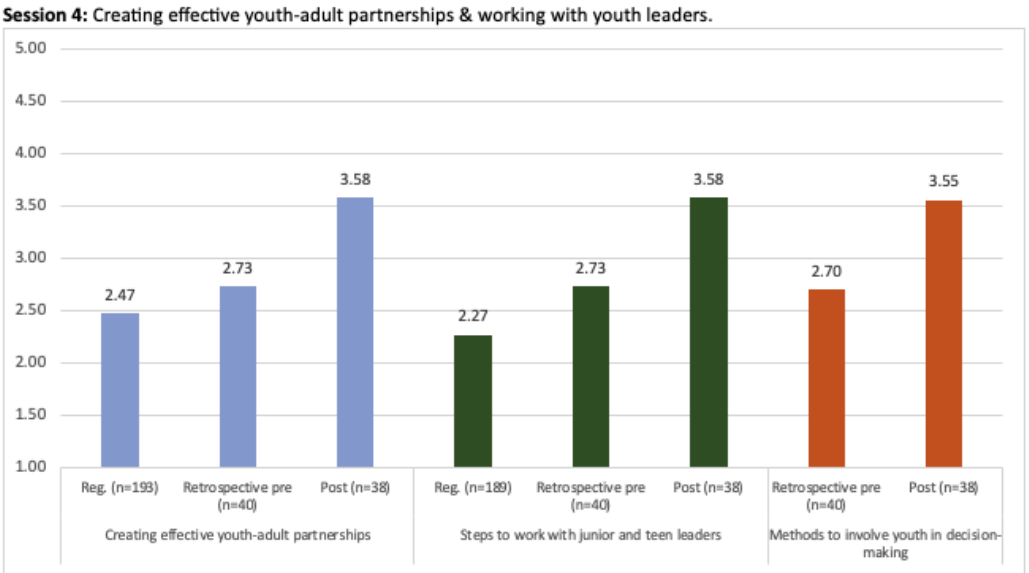


Figure 1 shows the results from the session which I designed and led.

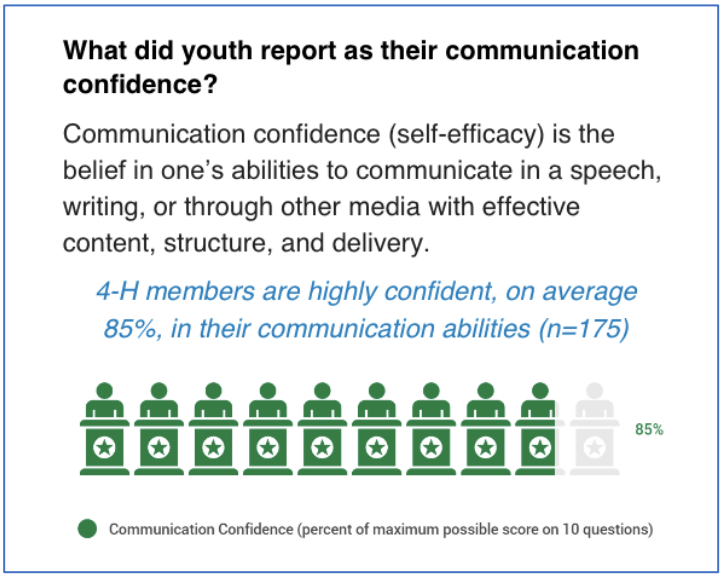
Figure 1. Session 4 results.

Impact:
Taken together, my work strengthened the competence of 4-H adult volunteers to deliver high quality youth development programming which ultimately leads to increased long-term youth outcomes and impacts such as workforce retention. Moreover, my extension work presenting to adult volunteers ensures that our 4-H adult volunteers are effectively prepared for their roles, which is essential to successful positive youth development programs (Smith, et al., 2004). As our recent 4-H alumni study show, youth who participate in high quality positive youth development programs are more likely to have positive long-term outcomes such as feeling more financially stable, healthier, and more likely to contribute to their communities (Marshall-Wheeler, et al. 2023).

Theme 3: Youth Leadership & Civic Engagement
Clientele: 4-H professional staff, 4-H youth member, 4-H adult volunteers, teachers, out-of-school time educators

Goal: Strengthen understanding and competence related to youth civic engagement and leadership education

Figure 2.
Communication confidence results.



Applied Research & Creative Activity: Public speaking is an essential skill of leadership and civic engagement. My colleagues and myself conducted a study exploring public speaking and communication confidence. We collected data 2020 thru 2023 regarding what 4-H members report as their communication confidence and the role which California 4-H plays in building that confidence. Figure 2 highlights what youth reported as their communication confidence. We published results in three peer reviewed publications (*Journal of Extension (2)* and *California Agriculture*) and presented at two national conferences. I also co-authored the 2020 California 4-H Presentation Manual, updating several sections with the most recent public speaking best practices, as well as an addendum in 2025 featuring new content about our program values. At the statewide level, I conducted a needs assessment with a group of 4-H teens and staff thru the UC 4-H Civic Engagement Advisory Committee. Our needs assessment found that 92% of 4-H youth get involved in their community because they want to help others or help their community. Additionally, 4-H youth strongly agree that the 4-H program gives them opportunities to serve their community and advocate for things they care about. The Civic Engagement Advisory Committee will use this data to inform their work moving forward.

Extension Activities:
My current statewide work related to leadership and civic engagement involved public speaking programming. In 2020, I co-initiated the UC 4-H Public Speaking and Communication Advisory Committee, where we worked together to create an online course to train 4-H volunteers how to properly evaluate youth presentations for State and Regional 4-H presentation events. As of September 30, 2025, the course has been completed by 185 volunteers. I also helped co-organize and oversee the 4-H State Presentation Day, which has approximately 400 youth participants annually. Our work to strengthen the 4-H public speaking program was recognized with a 4-H Golden Clover Award in 2022. Also, in 2022, I began providing consultations to 4-H professional staff regarding civic engagement and leadership programming. I also extended civic engagement and leadership education within my counties.

Beginning in 2020, I provided each county I serve with a training on presentation event evaluation, and support volunteers and youth in hosting their own Presentation Day prep workshops. I also worked with the 4-H County Ambassadors (youth leadership teams) to plan and evaluate the 4-H Officer Trainings. In two of my counties, I revived the event after not having one for several years. Youth attending the Officer Trainings report better understanding their officer duties after attending the training, as well as feeling more prepared to successfully complete those duties. Additionally, after attending Officer Training, 85% of participants reported feeling excited to be a 4-H club officer and to hold a leadership role (n=162). My next steps are to explore how youth who participated in the officer trainings used the skills they learned during the program year and create a tool kit for wider use.



Impact:
My creative activity and Extension education improved youth leadership and public speaking skills. These skills will benefit young people as they emerge into adulthood and enter the workplace, contributing to *increased workforce competency* and *effective public leaders*. Young adult alumni reported that their engagement in 4-H helped them learn leadership and communication skills (Marshall-Wheeler et al., 2023). Thus, my efforts to improve and extend 4-H public speaking programming will have beneficial long-term impacts on the young people themselves, to local communities, and to California.

Theme 4: Academic Leadership in 4-H
Clientele: 4-H youth and volunteers.

Goal: Support the 4-H Youth Development Program. Build skill and capacity for the 4-H Community Education Specialist staff that I supervise.

Summary:
I provided academic leadership to four county 4-H programs (Colusa and Sutter-Yuba; Butte, Glenn, and Colusa), as well as a grant-funded 4-H military program on Beale Air Force Base (Yuba). I served as a driving force in promoting general community partnerships, thinking of new ways for 4-H and UC ANR to be recognized by the community at large, and in fundraising.

Extension activities:
Across Butte, Colusa, and Glenn, and previously Sutter-Yuba counties, I provided academic leadership for three 4-H Community Education Specialists, 18 4-H Clubs, 23 annual 4-H County-wide Events, and provided guidance to a 4-H Military Club in Yuba County. Over the past seven years, I've been active in making 4-H more known in the community by building partnerships with local organizations and businesses which has led to several donation opportunities. I reached out to a local group of farmers who support local agriculture groups in Yuba County, asking for their support in making 4-H more affordable during COVID-19. The group donated nearly $35,000 to Yuba County 4-H to support families in need of financial support to join 4-H. In Sutter County, I also connected with a business who was interested in partnering with 4-H youth to provide community service opportunities, which lead to a $9,000 donation. Additionally, in Colusa County I collaborated with our 4-H County Council to start "Colusa County 4-H Week" to recognize our local 4-H program. The Colusa County 4-H Week campaign landed us on the front page of the local newspaper, as well as leading to a fundraiser with a matching initiative with nearly $5,000 in matching funds promised to the Colusa County 4-H Program. I facilitated getting a proclamation annually from the Colusa County Board of Supervisors in recognition of Colusa County 4-H Week. I also revived an old fundraiser, now turned into an annual outreach event, of serving pie at the Colusa Farm Show. This outreach effort receives nearly $2,000 in donations at the Farm Show each year. In 2022, I helped facilitate a new partnership with Dutch Brothers Coffee to coordinate a Butte County 4-H donation day receiving nearly $5,000 in a single day. For staff support, I met with staff weekly to mentor and provide program guidance where necessary. In each county, the staff and I meet annually to align our year's program goals with the UC 4-H Strategic Plan.

Impact:
The impacts of academic leadership can be challenging to quantify, but some outcomes can have been realized. Increased program visibility directly led to increased donation opportunities and partnerships. The impact of improved program visibility in the local communities, as well as diversifying funding sources has the potential to expand the 4-H programs in Colusa, Sutter, Yuba, and Butte and Glenn counties leading to more opportunities for program expansion and therefore reach.

Professional Competence and Professional Activity
Throughout my career, I put time into furthering my own knowledge, as well as showcasing my professional competence through presenting at professional conferences and serving as a reviewer. I attended over 50 academic workshops/presentations, 16 national or regional conferences or professional meetings, and presented at 9 of the conferences. In 2024, I was selected for a local leadership program called LEAD Butte – I graduated the program in May 2025. I also received a sponsorship to participate in the LEAD Butte program from a program partner (Butte County Office of Education). In spring 2025, I completed my certification to be a Youth Mental Health First Aid Instructor. Additionally, I served as a reviewer for the *Journal of Youth Development* and the *Journal of Extension*, and a reviewer for the workshop proposals and award submissions for the National Association of Extension 4-H Youth Development Professionals (NAE4-HYDP) National Conference. I am also an active member of 5 professional societies and received the 2021 Achievement in Service Award from the NAE4-HYDP for my service and leadership.

University and Public Service

I serve on statewide 4-H committees and UC ANR workgroups where I contribute and, in some cases, provide leadership; examples: co-chair for the California 4-H Statewide Camping Advisory Committee and Public Speaking and Communication Advisory Committee. I am an active member of 3 Workgroups and 2 Program Teams. I also serve on the UC ANR Academic Assembly Council Program Committee and was a member of the Healthy Families and Communities Strategic Initiative Panel. For public service, I am a member of the Colusa County Partners for Health, Nutrition, and Physical Activity. I've also served at events as a judge, such as the State FFA Public Speaking Competition and local Chico Science Quad Competition.

Commitment to Affirmative Action and the Principles of Community

Included in my programmatic work, as well as my professional competence, was a commitment to expand efforts and knowledge related to the Principles of Community. My desire to include underserved populations was integrated into my extension activities. Teens-as-Teachers, Cooking Academy, and 4-H Water Wizards projects intentionally reach youth from underserved populations, especially youth from low income and Latino backgrounds. To improve my own competence, I attended 10 trainings or workshops related to affirmative action or diversity, equity and inclusion, as well as worked with an experienced mentor to continue coaching me through the Intercultural Development Inventory (IDI). In 2024, I also joined two communities of practice – one on anti-racism and another on adverse childhood experiences.

Summary

Overall, I have demonstrated accomplishments and efforts across all the evaluation criteria. Throughout my career, I have assessed the needs of my counties, developed and evaluated programs, seen the outcomes from my projects grow, and have taken on more advanced roles and responsibilities within 4-H and UC ANR. I have locally recognized projects which are based in the needs of my communities, as well as being known as a reliable partner by colleagues statewide. Looking forward, several of my projects are poised for new or continuing research, as well as continued partnerships for extension. Together, my accomplishments indicate my career's positive trajectory.

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Summary of Publication Examples

1. **Marshall-Wheeler, N.,** Nayak, R., Iaccopucci, A., & Worker, S.M. (2023). Long-term outcomes of early adult 4-H alumni. *The Journal of Extension, 61*(2), Article 2. https://doi.org/10.34068/joe.61.02.02

Direct link: https://tigerprints.clemson.edu/joe/vol61/iss2/2/

Summary: This publication is a peer-reviewed journal article on the long-term outcomes of the 4-H youth development program in early adult 4-H alumni. This effort allowed my colleagues and I to focus on the impact of the 4-H program, which can be difficult to quantify. My colleagues and I created infographics based on the data we found, which the California 4-H Foundation has used for marketing the 4-H program. As the lead author, I wrote much of the manuscript and handled edits from co-authors. This paper has been downloaded 239 times since its publication in August 2023.

2. **Marshall-Wheeler, N.,** Meng, Y., & Worker, S.M. (2022). Exploring public speaking self-efficacy in the 4-H presentation program. *Journal of Extension, 60*(4), Article 12. https://doi.org/10.34068/joe.60.04.12

Direct link: https://tigerprints.clemson.edu/joe/vol60/iss4/12/

Summary: This publication is a peer-reviewed journal article which explored the impact 4-H has on youths' public speaking self-efficacy. This research supports work the 4-H program does regarding public speaking and informed necessary changes to the 4-H program presentation event cycle. I've written several popular press articles and a factsheet based on this research. As the lead author, I wrote much of the manuscript and handled edits from co-authors. This paper has been downloaded 766 times since its publication in December of 2022.

3. **Marshall-Wheeler, N**., Miner, G., Worker, S.M., Espinoza, D., Miller, J. & Kok, C.M. (2023). UC 4-H volunteer educators' guide: For those facilitating educational experiences. UC ANR Publications [8724]. https://doi.org/10.3733/ucanr.8724

Direct link: https://anrcatalog.ucanr.edu/pdf/8724.pdf

Summary: This publication is a peer-reviewed guide for 4-H adult volunteer educators. It was written to fill the need for up-to-date, high quality, research-based resources for 4-H volunteer educators. The publication of this guide led to a 4-part workshop series further extending its information to 4-H volunteer educators statewide. I was the lead author, writing two sections, doing most of the revisions and coordination, and was the co-technical editor.

Completed Award Transaction Report

Investigator Name: Nicole Marshall-Wheeler

Period of Review: Jun 1, 2018 - Sep 30, 2025

GTS Search Period: 6/1/2016 - 10/27/2025

**A single award may have multiple rows if multiple transactions occurred during the search period. Example: An award being funded via annual amendments would have a transaction row for each amendment. Do not sum the Cumulative Awarded Amount column as it may count the same award total multiple times.*

***The Cumulative Award Amount for a project reflects the total amount of funds authorized by the sponsor to date, not the anticipated total award amount, if different. Example: Project is being funded via annual amendments and we're anticipating a 5-year award but have only been authorized years 1 and 2 to date.*

****This list of funded awards may not include all of the investigator's projects. Some examples of potential discrepancies include:*

1) *Projects where the transaction authorizing the award occurred outside of the search period. Example: The initial award was issued for the full five year amount upfront and there was not a subsequent transaction during the search period.*
2) *Projects supported by donor/gift accounts or internal grants.*
3) *When GTS information on the project's Investigator tab is incomplete. Example: An Academic Coordinator was hired after the award so they may not be listed as a collaborator on the project in GTS.*
4) *Unfunded Collaborations where no subaward was issued to ANR.*

GTS Number	PI Last Name	PI First Name	Unit Name	Sponsor Name	Prime Sponsor Name	Title	Award Number	Project Type	Description	Free Text Description	Final Project Start Date	Final Project End Date	Transaction Total	Cumulative Awarded Amount	Process Date
Y24-7351	Rodriguez	Matthew	UCCE Placer County	eXtension Foundation	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	Promoting Healthy People and Communities: A Youth Mental Health First Aid Project	EDEN-2025-2696	Public Service	New		1/1/25	12/31/25	$25,217.00	$25,217.00	2/19/25
Y24-7351	Rodriguez	Matthew	UCCE Placer County	eXtension Foundation	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	Promoting Healthy People and Communities: A Youth Mental Health First Aid Project	EDEN-2025-2696	Public Service	Change in Time	AMD 1	1/1/25	12/31/25	$0.00	$25,217.00	9/29/25
Y22-6270	Miller	JoLynn	UCCE Central Sierra Nevada MCP	NATIONAL 4-H COUNCIL	NATIONAL 4-H COUNCIL	4-H Pollinator Habitat	Y22-6270	Public Service	New		12/1/22	12/1/23	$15,000.00	$15,000.00	1/9/23
Y23-6420	Marshall-Wheeler	Nicole	UCCE Butte County	BUTTE COUNTY OFFICE OF EDUCATION	BUTTE COUNTY OFFICE OF EDUCATION	Butte County 4-H Expanded Learning Projects with BCOE	Y23-6420 BCOE	Public Service	New	New	4/1/23	8/30/23	$10,851.00	$10,851.00	4/11/23
Y23-6682	Marshall-Wheeler	Nicole	UCCE Butte County	BUTTE COUNTY OFFICE OF EDUCATION	BUTTE COUNTY OFFICE OF EDUCATION	Expanded Learning Project with Butte County Office of Education	Y23-6682_BCOE	Public Service	New	New	9/1/23	8/30/24	$24,714.00	$24,714.00	9/11/23
Y19-4843	Marshall-Wheeler	Nicole	UCCE El Dorado County	FEATHER RIVER CHARTER SCHOOL	INSPIRE CHARTER SCHOOLS	Feather River Charter School (Inspire) Vendor Agreement	Y19-4843	Public Service	New	Advance - POs to be invoiced for	8/20/19	6/30/20	$625.00	$1,000.00	10/23/19
Y19-4843	Marshall-Wheeler	Nicole	UCCE El Dorado County	FEATHER RIVER CHARTER SCHOOL	INSPIRE CHARTER SCHOOLS	Feather River Charter School (Inspire) Vendor Agreement	Y19-4843	Public Service	Change in Money	PO 11-7-19	8/20/19	6/30/20	$125.00	$1,000.00	11/7/19
Y19-4843	Marshall-Wheeler	Nicole	UCCE El Dorado County	FEATHER RIVER CHARTER SCHOOL	INSPIRE CHARTER SCHOOLS	Feather River Charter School (Inspire) Vendor Agreement	Y19-4843	Public Service	Change in Money	2 POs 11-8-19	8/20/19	6/30/20	$250.00	$1,000.00	11/8/19
Y22-6146	Brim-Deforest	Whitney	UCCE Sutter and Yuba County	SIERRA HEALTH FOUNDATION (FORMERLY THE SIERRA FOUNDATION)	SIERRA HEALTH FOUNDATION (FORMERLY THE SIERRA FOUNDATION)	Developing Gardening, Agriculture and Nutrition Programs for Sutter County Youth	GA22SUT003	Public Service	Advance Account	Advance	9/1/22	11/30/23	$0.00	$389,171.00	9/1/22
Y22-6146	Brim-Deforest	Whitney	UCCE Sutter and Yuba County	SIERRA HEALTH FOUNDATION (FORMERLY THE SIERRA FOUNDATION)	SIERRA HEALTH FOUNDATION (FORMERLY THE SIERRA FOUNDATION)	Developing Gardening, Agriculture and Nutrition Programs for Sutter County Youth	GA22SUT003	Public Service	New		9/1/22	11/30/23	$389,171.00	$389,171.00	11/10/22
Y22-6146	Brim-Deforest	Whitney	UCCE Sutter and Yuba County	SIERRA HEALTH FOUNDATION (FORMERLY THE SIERRA FOUNDATION)	SIERRA HEALTH FOUNDATION (FORMERLY THE SIERRA FOUNDATION)	Developing Gardening, Agriculture and Nutrition Programs for Sutter County Youth	GA22SUT003	Public Service	Change in Time	Amd 1 NCTE	9/1/22	11/30/23	$0.00	$389,171.00	8/1/23
Y18-4261	Marshall-Wheeler	Nicole	UCCE Sutter and Yuba County	HEALTH NET, INC.	HEALTH NET, INC.	Sutter County 4-H Youth Development Program Healthy Cooking Academy	Y18-4261	Public Service	New		8/1/18	12/31/19	$20,000.00	$20,000.00	10/26/18
Y19-4809	Marshall-Wheeler	Nicole	UCCE Sutter and Yuba County	LAKE VIEW CHARTER SCHOOL	INSPIRE CHARTER SCHOOLS	Lake View Charter School (Inspire) Vendor Agreement	Y19-4809	Public Service	New	PO - Advance Account	8/20/19	6/30/20	$125.00	$125.00	9/18/19
Y18-4328	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2019 4-H Military Partnership Grant	S19114	Other Service	Advance Account	advance account	10/1/18	9/30/19	$0.00	$61,197.00	9/21/18
Y18-4328	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2019 4-H Military Partnership Grant	S19114	Other Service	New		10/1/18	9/30/19	$61,197.00	$61,197.00	2/19/19
Y18-4328	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2019 4-H Military Partnership Grant	S19114	Other Service	PI Transfer	A01 Change in PI	10/1/18	9/30/19	$0.00	$61,197.00	7/18/19
Y19-4844	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2020 Air Force Military Partnership Grant	A00-0983-S052	Public Service	New		10/1/19	9/30/21	$49,985.00	$80,880.00	1/7/20
Y19-4844	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2020 Air Force Military Partnership Grant	A00-0983-S052	Public Service	Change in Time	A01	10/1/19	9/30/21	$0.00	$80,880.00	9/25/20
Y19-4844	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2020 Air Force Military Partnership Grant	A00-0983-S052	Public Service	Change in Money	Budget Revision	10/1/19	9/30/21	$0.00	$80,880.00	10/8/20
Y19-4844	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2020 Air Force Military Partnership Grant	A00-0983-S052	Public Service	Change in Time and Money	Amd 02	10/1/19	9/30/21	$30,895.00	$80,880.00	1/29/21
Y19-4844	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2020 Air Force Military Partnership Grant	A00-0983-S052	Public Service	Prior Approval	Amd 3 - Budget SOW revision	10/1/19	9/30/21	$0.00	$80,880.00	6/24/21
Y19-4844	Schmitt-McQuitty	Lynn	4H Youth Development Program	KANSAS STATE UNIVERSITY	USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)	2020 Air Force Military Partnership Grant	A00-0983-S052	Public Service	Change in Money	budget revision Sept 2021	10/1/19	9/30/21	$0.00	$80,880.00	10/13/21

Program Review Supporting Documentation

Project Summary
Funded Project Summary 2018 – 2025 **Total Funding 2018-2025: $510,460**

October 2023 – September 2025 **Total Funding 2023-2025: $52,931**

EDEN – Youth Mental Health First Aid
$25,217 | Grant from Extension Foundation | January 1, 2025 – August 31, 2025
Co-Principal Investigator | Butte & Glenn Counties
Collaborators: M. Rodriguez (Principal Investigator), N. Caeton, J. Miller, A. Lemmer

*Expanded Learning: Youth Experiences in Science**
$3,000 | Mini grants from UC 4-H State Office | October 2023 – September 2024
Academic Lead | Colusa County *(Not in Grant Tracking System – internal funding)*

Cooking Academy with Butte County Office of Education
$24,714 | Contract with Butte County Office of Education | September 2023 – June 2024
Principle Investigator | Butte County

June 2018 – September 2023 (previously reported) **Funding 2018-2023: $457,529**

Cooking Academy with Butte County Office of Education
$10,851 | Contract with Butte County Office of Education | March 2023 – August 2023
Principle Investigator | Butte County

4-H Pollinator Habitat
$15,000 | Grant from National 4-H from Corteva | December 2022 – December 2023
Co-Principal Investigator | Local: Butte County (~$7,500)
Collaborators: J. Miller

Developing Gardening, Agriculture and Nutrition Program for Sutter County Youth
$389,171 | Grant from Sierra Health Foundation | June 2022 – November 2023
Co-Principal Investigator | Sutter County
Collaborators: M. Rodriguez, W. Brim-DeForest

*4-H Water Wizards**
$10,200 | Sponsorship from Yuba Water Agency | June 2019 – July 2020
$4,507 | Donation from Marysville Rotary | June 2019 – July 2020
Academic Lead | Yuba County

*Teens-as-Teachers: Cooking Academy**
$3,300 | Mini grants from UC 4-H State Office | July 2019 – June 2020
Academic Lead | Colusa County ($1,650), Sutter County ($1,650)

*Teens-as-Teachers: Cooking Academy**
$4,500 | Mini grants from UC 4-H State Office | July 2018 – June 2019
Academic Lead | Colusa County ($1,500), Sutter County ($1,500), Yuba County ($1,500)

Cooking Academy

$20,000 | Grant from Health Net Corporation | June 2018 – December 2019
Principle Investigator | Sutter County

***Indicates funds were internally sourced or received thru the California 4-H Foundation and do not appear in GTS.**

***Note:** *All tables are ordered from most recent, to oldest.*

Professional Competence and Professional Activity

Professional Development and Training

October 1, 2023 – September 30, 2025

- 4-H Academic Reading Group. Reading "The Future of Youth Development". 9/25/2025. Online.
- Region 2 Expanded Learning Professional Conference. 8/5-8/6/2025. Chico, CA.
- 4-H Positive Youth Development Academy: From Cloverbuds to Beyond Ready. 2/4-2/6/2025. Online.
- Youth Mental Health First Aid Certificate Training. 1/28/2025 & 1/30/2025. Online.
- Youth Mental Health First Aid Instructor Training. 1/21-1/23/2025. Online.
    - Became a certified instructor. Attended 3 days of interactive training, plus 3 hours of additional coursework. Instructors are required to teach at least 3 courses a year to maintain their instructor credentials.
- National Association of Extension 4-H Youth Development Professionals (NAE4-HYDP) National Conference. 10/14-10/17/2024. Boise, ID.
- Western Association for American Agriculture Education Conference. 9/10-9/12/2024. Chico, CA.
- Region 2 Expanded Learning Professionals Conference. 8/6-8/7/2024. Chico, CA.
- BOOST (Best Out of School Time) Conference. 4/30-5/2/2024. Palm Springs, CA.
    - In-person multi-day conference networking and learning with statewide and local after school professionals.
- Lesson Observation: Learn, Grow, Eat, Go. 3/6/2024. Williams, CA. Learned how UC Cal Fresh educators give lessons in school.
- 4-H Thriving Model Conference. 2/12-14/2024. Davis, CA.
- 4-H Research Methods Institute. 1/8-10/2024. Davis, CA.
- Book: Older and Wiser: New Ideas for Youth Mentoring in the 21st Century by Jean E. Rhodes. (2020). 11/1/2023. Oroville.
- Quarterly 4-H Academic Meetings. 11/15/2023, 5/15/2024, 11/20/2024. 9/17/2025. Online.
- The Science of Engaging Youth Lived Experience in Health Research, Practice, and Policy: A Workshop. 10/11-12/2023. Online.

June 1, 2018 – September 2023 (previously reported)

- Exploring Youth Engagement: Service Learning in 4-H. 8/24/2023. Online.
- NAE4-HYDP Professional Development Series – Communication & Expressive Arts session. 6/21/2023. Online.
- National Extension Conference on Volunteerism (NECV). 5/9 – 5/12/2023, Lexington, KY.
- American Educational Research Association Annual Meeting. 5/3 – 5/5/2023. Online.
- Quarterly 4-H Academic Meetings. 11/30/2021, 8/22/2022, 11/16/2022, & 8/16/2023. Online.
- National Association of Extension 4-H Youth Development Professionals (NAE4-HYDP) National Conference. 11/16/2021-11/19/2021. Online.
- 4-H Professionals Growth and Expansion Series. 10/6/2021, 10/20/2021, 10/27/2021. Online.

Professional Competence and Professional Activity
Professional Development and Training continued
June 1, 2018 – September 2023 continued (previously reported)

- New 4-H Achievement System Update. 7/29/2021. Online.
- Cooking Academy Webinar. 7/22/2021. Online.
- 4-H Thrive Academy. 5/11-5/13/2021. Online.
- Fundraising in a Post-COVID-19 World. 4/28/2021. Online.
- National Extension Conference on Volunteerism (NECV). 4/27-4/29/2021. Online.
- History of 4-H. 4/14/2021. Online.
- American Camp Association Southern California Spring Leadership Conference. 4/13-4/15/2021. Online.
- Quarterly 4-H Academic Meetings. 2/22/2021 & 5/19/2021. Online.
- 4-H Thriving Model Webinar Series. 2/22, 2/24, & 2/26/2021. Online
- American Camp Association (ACA) National Conference. 2/2-2/4/2021. Online.
- 4-H Water Wizards Training. Observed colleague present training. Online.
- National Association of Extension 4-H Youth Development Professionals (NAE4-HYDP) National Conference. 10/19-10/22/2020. Online.
- California 4-H Camp Evaluation Training – May 30, 2019, online. Learned how to best facilitate 4-H camp evaluations.
- Youth, Families, and Communities (YFC) Research Methods & Professional Development Institute. 4/8-4/10/2019. Davis, CA.
- Region 3 Winter Conference for Expanded Learning Practitioners. 3/12/2019. Sacramento, CA.
- American Camp Association National Conference. 2/19 – 2/22/2019. Nashville, TN.
- YFC Research Methods and Professional Development Institute. 11/5-7/2018. Davis, CA.
- Teen-as-Teachers Training for Cooking Academy. 7/11/2018. Davis, CA.

Affirmative Action
October 1, 2023 – September 2025

- Book: Decentering Whiteness in the Workplace: A Guide for Equity and Inclusion by Janice Gasam Asare, Ph.D. (2023). 5/1/2025. Oroville, CA.
- Anti-Racist Community of Practice. 4/24/24, 5/22/2024, 6/5/2024. Online.
- Adverse Childhood Experiences (ACES) Community of Practice. 2/7/2024, 4/3/2024, 5/1/2024, 6/5/2024. Online.

June 1, 2018 – September 2021 (previously reported)

- UC Gender Recognition & Lived Name: An Introduction to Gender Awareness. 8/23/2023. Online.
- Welcoming Culturally Diverse Youth into 4-H. 7/13/2023. Online.
- Webinar: Organizational Equity Assessment in Youth Development Programs. 4/19/2023. Online.
- Learning Circle – DEI: Culture Humility, translation, & competency: What does it mean for urban Extension? 3/17/2023. Online.
- Diversity, Equity, & Inclusion (DEI) in Youth Programs. 8/3/2021. Online.
- Intercultural Development Inventory Conference. 2/27/2020. Davis.
- Applying a Social Justice Lens to Youth Development. 7/11/2019. Online.

Professional Competence and Professional Activity
Professional Development and Training continued

June 1, 2018 – September 2023 continued (previously reported)

- Intercultural Development Inventory (IDI). 4/12/2019 to 6/3/2019. Online.
- Beyond Bathrooms: Creating a Transgender Affirming Community at Camp and Beyond workshop, American Camp Association National Conference. 2/19/2019. Nashville, TN.
- From the Ground Up workshop. 3/21-3/22/2019. Davis, CA.

UC ANR & Other Training

October 1, 2023 – September 2025

- LEAD Butte Leadership Program. July 2024-May 2025. Butte County, CA.
    - Applied for and was accepted to be in the 2025 cohort of the LEAD Butte program. Graduated May 2025. In-person monthly professional development sessions specific to the needs of Butte County, plus a team service-learning project.
- UC ANR Regional Academic Meeting. 9/12-9/13/2024. Durham, CA.
- Advisor Training Series. 6/27/2024, 7/25/2024, 8/22/2024. Yuba City, CA.
- Aggie Expense Training. 3/28/2024. Online.
- UC ANR Visioning session. 1/31/2024. Online.
- Fillable Form Training. 1/25/2024. Online.
- UC ANR Advancement Cycle Q&A. 11/15/2023. Online.

June 1, 2018 – September 2021 (previously reported)

- UC ANR Conference. 4/24-4/27, 2023. Fresno, CA.
- Project Board Annual Training. 9/13/2023. Online.
- Project Board Annual Training. 11/3/2022. Online.
- UC ANR Evaluation Cycle Q&A. 1/13/2022. Online.
- UC ANR Engaging Webinars – What Works for You? 5/15/2021. Online.
- UC ANR Zoom Basics. 4/8/2021. Online.
- UC ANR How to Cite Empirical Data in Your PR. 11/4/2020. Online.
- UC ANR Reporting Outputs in Project Board. 9/29/2020. Online.
- Crucial Conversations. 4/3 – 4/4/2019. Davis, CA.
- UC People Management Series. 1/18/2019 to 10/18/2019. Online.
- UC ANR Bibliography Training. 12/14/2018. Online.
- UC ANR Impact Writing Workshop. 10/26/2018. Davis, CA.
- UC ANR Measuring Outcomes Training. 10/25/2018. Davis, CA.
- UC ANR Supervisor Training for Developing Performance Goals with Staff. 10/17/2018. Online.
- UC ANR Merits and Promotions Training. 10/8/2018. Online.
- UC ANR Grant Essentials Summit. 9/27/2018. Davis, CA.
- UC ANR Annual Evaluation Training. 8/13/2018. Online.
- UC ANR Needs Assessment Training. 9/7/2018. Davis, CA.
- Book: Needs assessment: An overview by James W. Alschuld and Davis Devraj Kumar (2010). 7/1/2018. Colusa, CA.

Professional Competence and Professional Activity
Professional Societies & Workgroups

a.) Membership in Professional Societies:

- American Camp Association (ACA) – since 2018
- American Educational Research Association (AERA) – since 2022
    - Presented at the 2024 National Meeting.
- California 4-H Association (CA4-HA) – since 2016
    - Vice President of Recognition (2022-2025)
    - President Elect (2025 – current)
- National Afterschool Association (NAA) – since 2018
- National Association of Extension 4-H Youth Development Professionals (NAE4-HYDP) – since 2016
    - Chair of the Communication and Expressive Arts Working Group (2023-2024)

b.) Membership in Workgroups and Program Teams:

- UC ANR Workgroups (3) Curriculum Development; Developing Volunteer Capacities; Expanded Learning.
- UC ANR Program Teams (2): Positive Youth Development; Youth Science Literacy in Nutrition, Agriculture and Natural Resources.
- National Workgroup: NAE4-HYDP Communication and Expressive Arts workgroup.

Professional Competence and Professional Activity
Evidence of Professional Competence

a.) Presentations to peers:

<u>October 1, 2023 – September 30, 2025</u>

- Invited to speak to California 4-H professional staff about updates to the 4-H Presentation Manual. 1/14/2025. Online.
- Facilitated the California 4-H Mini Grantees Training with colleagues – presentation on Cooking Academy curriculum and working with Teens-as-Teachers. 11/16/2024. Davis, CA.
- 4-H Expanded Learning Mini Grants – session introducing the 4-H Expanded Learning mini grant opportunities to peers. 8/29/2024. Online.
- Invited panel speaker for the UC ANR Programmatic Orientation. Online. 5/20/2024 & 11/3/2023. Online.
- Meet the Authors – National 4-H/Shop 4-H presentation about the curriculum 4-H Water Wizards with colleagues M. Bird and S. Worker. 11/29/2023. Online.
- Invited to present on how to build stronger youth-adult partnerships on the California 4-H Association Professional Development Series. 11/9/2023. Online.
- Facilitated the California 4-H Mini Grantees Training with colleagues – presentation on Cooking Academy curriculum and working with Teens-as-Teachers. 11/4/2023. Davis, CA.

<u>June 1, 2018 – September 30, 2021 (previously reported)</u>

- 4-H Expanded Learning Mini Grants – session introducing the 4-H Expanded Learning mini grant opportunities to peers. Online. 9/7/2023.

Professional Competence and Professional Activity
Evidence of Professional Competence continued

June 1, 2018 – September 30, 2021 (previously reported continued)

- Introducing the 4-H Volunteer Educators' Guide – presentation introducing the publication to colleagues. Online. 8/22/2023.
- Volunteer Development with the "4-H Volunteer Educators' Guide: For Volunteers Facilitating 4-H Educational Experiences" – session presented to colleagues for the California 4-H Association Professional Development Series. Online. 8/10/2023.
- Invited to help facilitate NAE4-HYDP Professional Development Series session. Online. 6/21/2023.
- Expanded Learning Series – webinar series to 4-H staff about best practices when working with expanded learning partners. Online. 3/8/2023 & 5/10/2023.
- Invited panel speaker for the UC ANR Programmatic Orientation. Online. 3/2/2023.
- Invited to facilitate the 4-H Thriving Academy California 4-H State Reflection session. Online 5/12/2021.
- Presented with colleagues to California 4-H staff on the status of 4-H camp due to COVID-19. 6/18/2020.
- Presented with colleagues to California 4-H staff on best practices for managing youth participation in fairs in regard to COVID-19. Online. 3/26/2020.
- Invited to facilitate the Cooking Academy part of the California 4-H Teens-as-Teachers Training to 4-H staff. 7/2/2019. Davis, CA.

b.) Papers, Posters, Abstracts, and Presentations Presented:

October 1, 2023 – September 30, 2025

- Volunteer development with the 4-H Volunteer Educators' Guide – workshop presented with colleagues G. Miner & J. Miller at the National Extension Conference on Volunteerism (NECV). 4/23/2025. Portland, ME.
    - Presented by G. Miner. Proposal developed and submitted by N. Marshall-Wheeler before maternity leave.
- Using the Arts to Engage Youth in STEM, Healthy Living, and Other Program Areas workshop presented with colleagues D. Gapinski, A. Armstrong, & E. Korthuis at the National Association of 4-H Youth Development Professionals Conference (NAE4-HYDP). 10/16/2024. Boise, ID.
- Volunteer development with the 4-H Volunteer Educators' Guide – workshop presented with colleagues G. Miner & J. Miller at the National Association of 4-H Youth Development Professionals Conference (NAE4-HYDP). 10/16/2024. Boise, ID.
- 4-H Youth Development Program's Influence on Youths' Public Speaking Self Efficacy – poster presented at the UC ANR Regional Academic Meeting. 9/13/2024.
- The University of California 4-H Youth Development Program's Influence on Youth Public Speaking Confidence – poster presented at the Western Association of American Agriculture Education Conference. 9/11/2024. Chico, CA.
- Youth at the Helm: Enhancing Program with Teen Teachers – workshop presented with colleagues M. Bird & B. Johnson at the Best Out of School Time (BOOST) Conference. 5/2/2024. Palm Springs, CA.

Professional Competence and Professional Activity
Evidence of Professional Competence continued

October 1, 2023 – September 30, 2025 continued

- Camp Improvement? Party On! – workshop presented at the 2024 California 4-H Camping Conference. 3/9/2024. Loma Mar, CA.

June 1, 2018 – September 30, 2023 (previously reported)

- Volunteer Development with the "4-H Volunteer Educators' Guide: For Volunteers Facilitating 4-H Educational Experiences" – session presented with colleague G. Miner at the National Extension Conference for Volunteerism. Lexington, Kentucky. 5/11/2023.
- Exploring Public Speaking Self-Efficacy in the 4-H Presentation Program – round table session at the American Educational Research Association Annual Meeting. Online. 5/4/2023.
    - Developed with colleagues S. Worker & R. Nayak.
- The Design and Implementation of a Multi-Component Positive Youth Development School and Day Camp Program – contributed to poster at UC ANR Conference. Fresno. 4/25/2023.
    - Presented by M. Rodriguez. Authors: M. Rodriguez, J. Yang, N. Marshall-Wheeler, R. Barden, R. McCrory, M. Ussery, J. Pressman, Y. C. Guillen, A. Yandel, J. Pollard., & W. Brim-DeForest.
- Exploring Life Satisfaction of Young Adult 4-H Alumni – contributed to poster at UC ANR Conference. Fresno. 4/25/2023.
    - Presented by R. Nayak. Authors: A. Iaccopucci, R. Nayak, N. Marshall-Wheeler, & S. Worker.
- Exploring Public Speaking Self-Efficacy in the 4-H Presentation Program – presented poster at the UC ANR Conference. Fresno. 4/25/2023.
    - Authors: N. Marshall-Wheeler, R. Nayak, Y. Meng, & S. Worker.
- UC 4-H Alumni Study: Exploring Long-Term Outcomes of Early Adults – abstract of recent applied research for UC ANR youth development academics' track. 8/9/2022.
    - Authors: A. Iaccopucci, S. Worker., N. Marshall-Wheeler, & R. Nayak.
- 4-H Youth Development Program's Influence on Public Speaking Self-Efficacy – abstract of recent applied research for UC ANR youth development academics' track. 8/9/2022.
    - Authors: N. Marshall-Wheeler, Y. Meng, R. Nayak, & S. Worker.
- Introducing the 4-H Volunteer Educators' Guide – developed poster which was presented at the UC 4-H Staff Conference. Davis, CA. 8/9/2022.
    - Presented by G. Miner. Developed by N. Marshall-Wheeler & S. Worker.
- Exploring Public Speaking Self-Efficacy in the 4-H Presentation Program – research workshop session presented with colleague Y. Meng at the National Association of 4-H Youth Development Professionals Conference (NAE4-HYDP). Online. 11/16/2021.
- Strategies for Fostering Volunteer Engagement in Camping Programs – poster presented with colleague M. Bird at the National Extension Conference on Volunteerism. Online. 4/28/2021.
- How to Engage Staff in Data Analysis for Program Improvement – workshop presented with colleagues M. Bird & K. Nathaniel at the American Camp Association, Southern California Spring Leadership Conference. Online. 4/13/2021.

Professional Competence and Professional Activity
Evidence of Professional Competence continued

c.) Manuscript Reviews/Contributions to Publications:

October 1, 2023 – September 30, 2025

- Reviewer for submission to *Journal of Youth Development* (1 manuscript). 12/1/2024.
- Technical editor of the *Term Definitions for the 4-H Civic Engagement Framework* publication. 10/1/2024-1/10/2025.

June 1, 2018 – September 30, 2023 (previously reported)

- Reviewer for NAE4-HYDP national awards for Communication and Expressive Arts. 8/3/2023.
- Reviewer for submission to *Journal of Extension* (1 manuscript). 1/10/2023.
- Informal review of curriculum for a colleague. 1/2/2022.
- Reviewer for UC ANR Publications (1 manuscript). 1/28/2020.
- Reviewer for submissions to the *Journal of Youth Development* (3 manuscripts). 2/21/2020 & 9/21/2020 & 9/1/2022.
- Reviewer for conference workshop proposals to the National Association of Extension 4-H Youth Development Professionals' National Conference. March 2020.
- Reviewer for UC ANR Publications (1 manuscript). 2/1/2019.
- Technical co-editor of 15 UC ANR published UC 4-H Project Sheets with colleague S. Worker. 8/1/2018 – 4/1/2019.

d.) Awards:

October 1, 2018 – September 30, 2023 (previously reported)

- 4-H Golden Clover Award: State Public Speaking & Communications 4-H Advisory Committee; University of California 4-H Youth Development Program (2022)
- Achievement in Service Award; National Association of Extension 4-H Youth Development Professionals (2021).

University and Public Service

University Service

Service to UC ANR & UC 4-H Program

October 1, 2023 – September 30, 2025

- Co-Chair of the California 4-H Statewide Camping Advisory Committee. Role: Provide guidance to the committee which develops educational materials, facilitates the biennial Camping Conference, and reviews and recommends camping practices for the UC 4-H Statewide Program. July 2025 – ongoing.
- Co-Chair of the California 4-H Statewide Public Speaking and Communication Advisory Committee. Role: Provide guidance to the committee which develops educational materials, facilitates statewide public speaking events, and reviews and recommends public speaking and communication practices for the UC 4-H Statewide Program. May 2021 – ongoing.
- Appointment to the UC ANR Healthy Families and Communities (HFC) Strategic Initiative Panel. 7/1/2023 – 7/1/2025.
- Member of the UC ANR Academic Assembly Council Program Committee. Role: Review program fund requests quarterly and review biennial awards. 3/1/2023 – ongoing.
- California 4-H Association Board Member – Vice President of Recognition. Role: Keep track of members' service years and act as a liaison to NAE4-HYDP for national awards. October 2023 – September 2025.

June 1, 2018 – September 30, 2023(previously reported)

- Service as a judge representing UC 4-H to evaluate NAE4-HYDP award proposals. Judged 2 award categories. 3/1/2023.
- Member of the UC ANR Academic Assembly Council Program Committee. Role: Review program fund requests quarterly. 3/1/2023 – ongoing.
- Appointment to the UC ANR Healthy Families and Communities (HFC) Strategic Initiative Panel. 7/1/2023 – ongoing.
- UC 4-H Program Representative to the California Department of Food and Agriculture's Fairs and Expositions (CDFA F&E) State Rules Committee. Role: Provide communication between the UC 4-H Statewide Program and CDFA F&E committee, as well as give input regarding how rules and policies impact the UC 4-H Statewide Program. 8/1/2020 – 12/1/2022.
- Co-Chair of the California 4-H Statewide Public Speaking and Communication Advisory Committee. Role: Provide guidance to the committee which develops educational materials, facilitates statewide public speaking events, and reviews and recommends public speaking practices for the UC 4-H Statewide Program. 5/1/2021 – ongoing.
- Co-Chair of the California 4-H Statewide Volunteer Development Advisory Committee. Role: Provide guidance to the committee which reviews and recommends volunteer development practices for the UC 4-H Statewide Program. 6/1/2020 – 4/1/2022.
- California 4-H Association Board Member – Vice President of Membership. Role: Advertise and process membership for the association. 12/12018 – 12/12021.
- UC 4-H Policy & Enrollment Taskforce Member (invited to serve). Role: Actively contributed to a committee which developed best practices and guidelines for the UC 4-H Statewide Program regarding 4-H enrollment in virtual programming. August 2020 – October 2020.

University and Public Service
University Service (continued)

June 1, 2018 – September 30, 2023(previously reported)

- Awards Judge for the National Association of Extension 4-H Youth Development Professionals (NAE4-HYDP). Role: Served as a representative of California 4-H to judge NAE4-HYDP regional state specialty awards. March 2021.
- UC 4-H Program Representative to the California Department of Food and Agriculture's Fairs and Expositions (CDFA F&E) State Rules Committee. Role: Provide communication between the UC 4-H Statewide Program and CDFA F&E committee, as well as give input during meeting to the CDFA F&E committee regarding how rules and policies impact the UC 4-H Statewide Program. August 2020 – ongoing.
- Co-Chair of the California 4-H Statewide Volunteer Development Advisory Committee. Role: Provide guidance to the committee which reviews and recommends volunteer development practices for the UC 4-H Statewide Program. June 2020 – 2023.
- California 4-H Association Board Member – Vice President of Membership. Role: Advertise and process membership for the association. December 2018 – ongoing

Service to County

October 1, 2023 – September 2025

- Butte County Board of Supervisors meeting. Role: Attended meeting to support the 4-H youth presenting on behalf of National 4-H Week. October 2024, September 2025.
- Colusa County Board of Supervisors meeting. Role: Attended meeting to support the 4-H youth presenting on behalf of Colusa County 4-H Week. January 2024, January 2025.
- UCCE Representative to Colusa Farm Bureau. Role: Attended monthly meetings as requested by UCCE County Director (1 meeting attended).
- UCCE Representative to Butte Farm Bureau. Role: Attended monthly meetings as requested by UCCE County Director (2 meetings/events attended).
- UCCE Butte County Support Group. Role: Attended meetings as a representative of the UCCE Butte County programs. 7/1/2022 – ongoing. (4 meetings attended).

June 1, 2018 – September 30, 2023(previously reported)

- Glenn County Board of Supervisors meeting. Role: Attended meeting to support the 4-H youth presenting on behalf of National 4-H Week. September 2023.
- Butte County Board of Supervisors meeting – budget hearing. Role: Attended budget hearing on behalf of UCCE Butte County. June 2023.
- Butte County Board of Supervisor meeting with Supervisor Durfee. Role: Attended meeting and presented to Supervisor Durfee on UCCE and 4-H. March 2023.
- Glenn County Board of Supervisors meeting. Role: Attended meeting to support the 4-H youth presenting on behalf of National 4-H Week. October 2022.
- UCCE Butte County Support Group. Role: Attended meetings as a representative of the UCCE Butte County programs. 7/1/2022 – ongoing. (4 meetings attended)
- Yuba County Board of Supervisors meeting. Role: Attended meeting and gave presentation to educate Supervisors on UCCE and 4-H. August 2021.
- Presentation to UC ANR Leadership, M. Bell, M. Lagrimini, and W. Powers about 4-H programming in Colusa County, during their tour of the state. 8/6/2018. Colusa, CA.

University and Public Service
University Service (continued)

Service to County continued

June 1, 2018 – September 30, 2023(previously reported)

- Invited to present to the Chinese Extension Alliance and G. Humiston about 4-H programming in Sutter-Yuba counties. 6/19/2018. Yuba City, CA.
- Presentation to UC ANR Leadership, M. Bell, M. Lagrimini, and W. Powers about the 4-H program in Sutter-Yuba counties, during their tour of the state. 6/7/2018. Yuba City, CA.
- UCCE Representative to Yuba-Sutter Farm Bureau. Role: Attended monthly meetings as requested by UCCE County Director (6 meetings attended). 2018-2022.
- UCCE Representative to Colusa Farm Bureau. Role: Attended monthly meetings as requested by UCCE County Director (5 meetings attended). 2018-2022.
- UCCE Representative to Butte Farm Bureau. Role: Attended monthly meetings as requested by UCCE County Director (2 meetings/events attended). 2022-2023.
- UCCE Representative to Glenn Farm Bureau. Role: Attended monthly meetings as requested by UCCE County Director (1 meeting attended). 2022-2023.
- UCCE Sutter-Yuba Stakeholder Recognition Committee member. Role: Helping to plan an event to recognize local UCCE stakeholders, donors, volunteers, and collaborators.

Service to National 4-H

October 1, 2023 – September 2025

- Chair of the Communication and Expressive Arts Working Group of the National Association of Extension 4-H Youth Development Professionals. Role: Coordinate colleagues from across the nation for projects related to youth programming in communication and the arts, review national award applications, and submit a workshop proposal for the workgroup. October 2023-September 2024.

Recruitments

October 1, 2023 – September 30, 2025

- Lassen, Modoc, Sierra/Plumas 4-H Advisor — Chair, Summer 2025
- 4-H Community Education Specialist IV, State Office — Member, August 2024
- UCCE Colusa Outreach Coordinator — Member, July 2024
- UCCE Butte Administrative Assistant — Member, July 2024
- Area Director Search – Butte, Colusa, Glenn, & Sutter-Yuba — Chair, Spring 2024
- 4-H Statewide Director – State Office — Member, Spring 2024

June 1, 2018 – September 30, 2023 (previously reported)

- 4-H Community Education Specialist – Colusa county — Chair, Summer 2023
- 4-H Community Education Specialist – Butte county — Chair, Fall 2022
- 4-H Community Education Specialist – Sutter-Yuba counties — Chair, Fall 2022
- 4-H Animal Science Community Education Specialist – State Office — Member, Fall 2022
- 4-H Advisor – Fresno, Tulare, Kings counties — Member, Fall 2022
- 4-H Community Education Specialist – Sutter-Yuba counties — Chair, Fall 2018
- 4-H Animal Science Community Education Specialist – State Office — Member, Spring 2018
- 4-H Community Education Specialist – Butte county — Member, Fall 2018

University and Public Service

Public Service

October 1, 2023 – September 30, 2025

- Member of the Glenn County CERF community needs assessment. 9/12/2025. Willows, CA.
- Invited to facilitate a session on the Environment and Community Resilience to the LEAD Butte Collaborative. 1/16/2025. Paradise, CA.
- Member of the Butte County CERF community needs assessment. 7/19/2024. Chico, CA
- Guest speakers at the Colusa High School Career Day. 2/28/2024. Colusa, CA.
- Member of the Colusa County Partners for Health, Nutrition, and Physical Activity. Role: Provide best practices and insight to youth development subjects. July 2019 – ongoing.

June 1, 2018 – September 30, 2023 (previously reported)

- Judge for Chico Science Olympiad Challenge. Role: Provide feedback to youth on their Olympiad projects. March 2023.
- First Year Research evaluator for California State University, Chico First Year Experience office and Communication Studies Department. Role: Provide feedback to research projects. 12/2/2021.
- Moderator for the CSU, Chico Great Debate event. Role: Provided feedback to first year college students on an argumentation and debate presentation. May 2021.
- Judge for the State FFA Impromptu Speech Competition Finals. Role: Provided evaluation and feedback to high school youth on their public speaking. Helped determine state winners. June 2020.
- Judge for the Regional FFA Prepared Public Speaking Competition Finals. Role: Provided evaluation and feedback to high school youth on their public speaking. Helped determine regional finalists. May 2020.
- Guest speaker at McKinney Intermediate School Career Fair. May 2019. Marysville, CA.
- Judge for the California State University (CSU), Chico Speech and Debate Rookie Tournament (2 times in 2019-2020). Role: Provide evaluation and scores for feedback. Chico, CA.
- Member of the Colusa County Partners for Health, Nutrition, and Physical Activity. Role: Provide best practices and insight to youth development subjects. July 2019 – ongoing.
- Sutter-Yuba Area Youth Fire Relief Committee. Role: Provide youth development best practices to committee. November 2018 – March 2019.

Extension Activities

October 1, 2023 – September 30, 2025

- Organized and facilitated **two Youth Mental Health First Aid course**s with colleagues N. Caeton & A. Lemmer.
    - Butte: 8/5/2025 & 8/6/2025 (14 participants)
    - Glenn: 7/31/2025 (20 participants)
- Organized and facilitated a **Service Learning workshop** for the Boys and Girls Club in Chico (Butte county). 4/22/2025. (6 youth & 4 agency staff).
- Co-organized and facilitated **two youth workshops** to prepare youth for presentation events and public speaking in Glenn county.
    - 1/7/2025 (15 youth) & 1/23/2025 (6 youth)
- Presented a **workshop for Expanded Learning staff** at the Region 2 Expanded Learning Conference for Butte county after school staff with best practices for engaging teenagers as teachers. 8/7/2024. (6 after school staff).
- Organized and facilitated a **workshop for Camp Counselors** to increase their confidence working with youth camps, especially supporting positive camper behavior. 6/10/2024. (22 youth counselors).
- Co-facilitated the **Camp Program Quality Assessment training** hosted by the Camping Advisory Committee. Helped camp volunteers, youth, and staff understand how to collect observational data and score camp quality.
    - 5/21/2024 & 5/23/2024 (15 participants). Online.
- Organized and facilitated a **workshop** called *Strategies for Marketing Yourself & Your Project: Writing Buyer's Letters & Presenting Letters to Potential Buyers***.**
    - Butte: 4/18/2024 (22 youth); 4/9/2025* (26 youth) – staff presented materials I prepared while I was on maternity leave for 2025 workshop*
    - Glenn: 4/25/2024 (6 youth)
- Organized and facilitated **presentation evaluator trainings** to prepare volunteers for County 4-H Presentation Events.
    - Butte: 2/10/2024 (13 volunteers)
    - Colusa: 1/27/2024 (4 volunteers); 2/1/2025 (3 volunteers).
    - Glenn: 2/2/2024 (20 volunteers)
- Organized **trainings for Expanded Learning Staff** to improve afterschool staff's confidence working with experiential curriculum.
    - Cooking Academy: Butte County Office of Education. 1/31/2024 (20 people) & 4/11/2024 (23 people) – curriculum reached 1,526 youth.
- Organized **4-H fundraising and financials workshop** focusing on 4-H fundraising and finance policies. 1/25/2024. (15 people).
- Organized a **track on pollinator communication (pheromones)** for the Student Agriculture Field Day. Presentation goal was to increase agri-science awareness and understanding in suburban youth. 11/16/2023 (80 youth).
- Co-presented the statewide **Online Project Leaders Series** to prepare 4-H volunteer for their roles. I presented the Best Practices for Working with Youth Leaders session.
    - 10/11/2023 (49 volunteers); 10/25/2023 (43 volunteers)
    - 3/26/2024 (18 volunteers); 9/25/2024 (10 volunteers)

Extension Activities
Continued

October 1, 2023 – September 30, 2025 continued

- Co-organized **youth officer trainings** for youth 4-H club officers to improve their knowledge about their officer roles and duties.
    - Colusa: 8/1/2024 (17 youth); 9/22/2025 (20)
    - Butte: 10/11/2023 (30); 10/16/2024 (33)
- Co-organized **4-H club leader meetings** to prepare 4-H volunteers for their roles.
    - Butte: 8/8/2024 (20 volunteers); 8/28/2025 (13 volunteers)
    - Colusa: 7/17/2024 (7 volunteers)
- Co-organized **4-H new volunteer orientations** to prepare 4-H volunteers to fulfill their role.
    - Butte: 10/17/2023 (19 volunteers); 10/1/2024 (20 volunteers)
    - Colusa: 11/2/2023 (4 volunteers)
    - Glenn: 11/6/2023 (6 volunteers); 11/19/2024 (4 volunteers)

June 1, 2018 – September 30, 2023 (previously reported)

- Organized **trainings for Expanded Learning Staff** to improve afterschool staff's confidence working with experiential curriculum.
    - Cooking Academy: Butte County Office of Education. 6/12/2023 (22 people) & 6/13/2023 (22 people) – curriculum reached 766 youth.
    - STEM curriculums: Pierce Unified School District. 6/5/2023 (9 people) – curriculums reached 98 youth.
- Presented a **track on Embryology** at the Student Agriculture Field Day. Presentation goal was to increase agri-science awareness and understanding in suburban youth. 11/9/2022 (125 youth).
- Co-organized **camp trainings** for youth and adults to educate them about safety and best practices for inclusion in camp.
    - Butte: 6/22/2022 (20 youth); 5/22/2023 (22 youth); 6/21/2023 (21 youth & 7 adults)
- Co-organized **youth officer trainings** for youth 4-H club officers to improve their knowledge about their officer roles and duties.
    - Colusa: 9/1/2022 (28 youth)
    - Glenn: 9/6/2023 (25 youth)
- Co-organized **4-H club leader meetings** to prepare 4-H volunteers for their roles.
    - Butte: 8/31/2023 (12 people).
    - Colusa: 7/19/2023 (5 people); 7/20/2022 (5 people).
    - Glenn: 8/3/2023 (10 people).
- Co-organized **presentation evaluator trainings** to prepare volunteers for County 4-H Presentation Events.
    - Butte: 2/18/2023 (21 people).
    - Colusa: 1/28/2023 (6 people); 1/27/2022 (15 people).
    - Glenn: 2/3/2023 (30 people).
- Co-developed the **Presentation Evaluator Orientation eXtension course**. This course is used statewide and teaches best practices in presentation evaluation. Developed 7/1/2021 – 12/1/2021. 185 individual registrations for the course as of 9/30/2025.

Extension Activities
Continued

June 1, 2018 – September 30, 2023 (previously reported)

- Presented at the **Yuba-Sutter Farm Day**. Presented to 3rd grade youth about 4-H. Yuba City. 9/24/2021 (500 youth).
- Co-presented at **Youth Summit** on the Nuts and Bolts of Leadership Communication. Presented session to youth on different ways to enhance communication by email, verbally, and with body language. Online. 3/27/2021 (14 participants).
- Co-organized **content-focused trainings** for volunteers.
    - 4-H Financial Training. 8/11/2021 (6 participants).
    - 4-H Project Planning. 9/28/2021 (15 participants).
- Organized **presentation evaluator trainings** to prepare volunteers for virtual County 4-H Presentation Events.
    - Colusa: 2/11/2021 (10 people).
    - Sutter-Yuba: 3/11/2021 (11 people).
- Co-organized webinar series: **Camp During COVID**. This 5-session series focused on the logistics and policies to safety hold a day camp during summer 2021.
    - Session 1 – 2/10/2021 (70 participants); Session 2 – 3/10/2021 (46 participants); Session 3 – 4/14/2021 (37 participants); Session 4 – 5/12/2021 (29 participants); Session 5 6/9/2021 (unknown).
- Co-organized the **Presentation Manual Deep Dive session** to educate 4-H volunteers and county-based staff about the newest update of the 4-H Presentation Manual. 11/10/2020.
- Co-organized **volunteer safety trainings** for 4-H adult volunteers to provide education on how to safety hold in-person meetings and better understand UC COVID-19 policies. 6/4/2020 – 11/19/2020 (95 participants).
- Organized and held **virtual office hours** to provide guidance to 4-H volunteers during COVID-19 lockdown. 3/24/2020 – 5/1/2020 (12 participants).
- Co-facilitated the **Camp Data Parties** hosted by the Camping Advisory Committee. Helped camp volunteers, youth, and staff better understand their evaluation data.
    - In-person, Davis, CA. 1/4/2020 (20 participants).
    - Virtual. 5/16/2020 (25 participants).
- Organized a **4-H Water Wizards Training** for teachers. Presented on implementing experiential learning in classroom settings. 8/14/2019 (7 teachers) & 11/5/2020 (5 participants).
- Presented an educational session at the **Marysville Joint Unified School District Nutrition Fair**. I presented a session on youth sleep and motivation. 5/30/2019. 150 youth participants.
- Organized **4-H fundraising and community service workshop** focusing on 4-H fundraising policies and appropriate community service projects for 4-H participants. 11/25/2018 (20 people).
- Organized **4-H new volunteer orientation** in Colusa County with the goal of preparing 4-H volunteers to fulfill their role. 9/17/2018 (18 people) & 11/8/2018 (8 people).
- Organized **4-H club leader meetings** to prepare 4-H volunteers for their roles.
    - Colusa: 7/25/2018 (8 people); 7/22/2020 (9 people); 7/21/2021 (5 people).
    - Sutter-Yuba: 9/6/2018 (14 people); 9/3/2020 (12 people); 8/26/2021 (11 people).

Extension Activities
Continued

June 1, 2018 – September 30, 2023 (previously reported)

- Co-organized and presented the **Teen-as-Teachers (TAT) Cooking Academy Teen Trainings** to help prepare teens for their TAT role. I presented the Ages and Stages of Youth Development portion.
    - Sutter-Yuba: 9/25/2018 & 9/27/2018 (17 participants); 1/25/2019 & 1/26/2019 (14 participants); 10/10/2020 (10 participants).
    - Colusa: 2/23/2019 (14 participants); 2/19/2020 & 2/26/2020 (7 participants).

Research Activities
Applied Research Projects

October 1, 2023 – September 30, 2025

a.) Applied research projects

- Expanded learning study. Role: Co-investigator. July 2023 – ongoing.
    - As part of the Expanded Learning Workgroup, colleagues S. Worker, M. Bird, A. Lemmer, M. Roderiguez, and I began a study to explore 4-H professionals' perspectives on: (1) key practices in identifying and cultivating new expanded learning partnerships (lessons learned); and (2) what it takes to grow 4-H membership where 4-H partners with another organization.
- Statewide 4-H youth civic engagement needs assessment. Role: Lead. November 2023 – February 2025.
    - As part of the California 4-H Statewide Civic Engagement Advisory Committee, I led a team of youth, adult volunteers, and 4-H professional staff in conducting a statewide needs assessment of civic engagement programming. Data was collected in spring 2024. A report of the findings was given to the Statewide 4-H Director in January 2025.

b.) Other extension activity (websites, social media, marketing, etc.)

- Provide content for the Butte, Colusa, and Glenn counties 4-H websites. Ongoing.
- Provide content for the Butte, Colusa and Glenn counties 4-H social media pages, including Facebook and Instagram. Ongoing.

October 1, 2018 – September 30, 2023 (previously reported)

a.) *Applied research projects*

- California 4-H Young Alumni Study. Role: Co-Principal Investigator. April 2021 – ongoing.
    - With colleagues S. Worker, A. Iaccopucci, & R. Nayak, we began a study of the outcomes of the California 4-H Youth Development Program in young alumni. Study was designed in summer 2021, data was collected in fall 2021.
- California 4-H Public Speaking Self-Efficacy Study. Role: Co-Principal Investigator. January 2020 – ongoing.
    - With colleagues S. Worker, Y. Meng, & R. Nayak, we studied the outcomes of the 4-H public speaking program on youth public speaking self-efficacy. Data was collected in 2020 & 2021, with plans to collect another wave of data in 2022.

Extension Activities
Other Extension Activities
October 1, 2018 – September 30, 2023 (previously reported)

b.) Other extension activity (websites, social media, marketing, etc.)

- Provide content and oversight for the Butte, Colusa, Glenn, and Sutter-Yuba Counties 4-H websites. Ongoing.
- Provide content and oversight for the Butte, Colusa, Glenn, and Sutter-Yuba Counties 4-H social media pages, including Facebook and Instagram. Ongoing.

c.) Other (TV, radio interviews, newspaper articles)

- Radio interview on 93Q introducing the 4-H Program in Sutter-Yuba counties. 10/4/2021.
- Interviewed for the Appeal-Democrat newspaper which featured an article about 4-H being more than livestock projects. 7/1/2019.
- Radio interview on 93Q highlighting 4-H youth leadership programs in Sutter-Yuba counties. 1/3/2022.

Bibliography

Publication Summary Table		
Review Period	In Career	Publication Categories
2	5	(B) Peer Reviewed Scholarly Journal Publications
2	6	(C) Other Peer Reviewed Publications
8	15	(A) Popular Press and Curricula for Clientele
1	3	(D) Technical Reports for Academics
2	6	(E) Published Abstracts
15	35	Total publications

B – Peer-Reviewed Scholarly Journal Publications

- Nayak, R., Worker, S. M., & **Marshall-Wheeler, N.** (2025). Youth public speaking self-efficacy survey tool. *The Journal of Extension, 63*(1), Article 6. https://doi.org/10.34068/joe.63.01.06

Role: Co-author. Helped with data collection and revise the manuscript before publication.

- Worker, S. M., Nayak, R. K., Iaccopucci, A. M., & **Marshall-Wheeler, N.** (2025). Early Adult Outcomes of 4-H Program Alumni: A Propensity-Matched Comparative Study. *Journal of Youth Development, 20*(3), Article 3. Available at: https://open.clemson.edu/jyd/vol20/iss3/3

Role: Co-author. Helped with data collection and revise the manuscript before publication.

- Worker, S. M., Nayak, R., Meng, Y., & **Marshall-Wheeler, N**. (2023). UC 4-H programs bolster youths' public speaking confidence. *California Agriculture, 77*(1), 30-35. https://doi.org/10.3733/ca.2023a0003

Role: Co-author. Helped with qualitative analysis and writing the paper.

- **Marshall-Wheeler, N.,** Nayak, R., Iaccopucci, A., & Worker, S.M. (2023). Long-term outcomes of early adult 4-H alumni. *The Journal of Extension, 61*(2), Article 2. https://doi.org/10.34068/joe.61.02.02

Role: Lead author.

- **Marshall-Wheeler, N**., Meng, Y., & Worker, S.M. (2022). Exploring public speaking self-efficacy in the 4-H presentation program. *The Journal of Extension, 60*(4), Article 12. https://doi.org/10.34068/joe.60.04.12

Role: Lead author.

C – Other Peer-Reviewed Publications

- Moncloa, F., Bullard, V. M., Colburn, J., & **Marshall-Wheeler, N.** (2025). UC 4-H Civic Engagement Framework Definitions. UC ANR Publications [8739]. https://anrcatalog.ucanr.edu/Details.aspx?itemNo=8739

Role: Co-author and technical editor. Took over the project following the retirement of F. Moncloa for the California 4-H Statewide Civic Engagement Advisory Committee.

C – Other Peer-Reviewed Publications
Continued

- **Marshall-Wheeler, N.** (2024). Public Speaking: Educator Fact Sheet Series. UC ANR Publications [8737]. https://anrcatalog.ucanr.edu/pdf/8737.pdf

Role: Author.

- **Marshall-Wheeler, N**., Miner, G., Worker, S.M., Espinoza, D., Miller, J. & Kok, C.M. (2023). UC 4-H volunteer educators' guide: For those facilitating educational experiences. UC ANR Publications [8724]. https://doi.org/10.3733/ucanr.8724

Role: Lead author - authored two sections. Co-technical editor with colleague G. Miner.

- Bird, M., Dixon, T., **Marshall-Wheeler, N**., & Worker, S.M. (2022). 4-H Water Wizards: Guided Inquiry Water Education for Grades 4-6. National 4-H Council.

Role: Co-author. Helped revise the entire document, took the lead on three sessions.

- **Marshall-Wheeler, N**. (2019). 4-H music project. California 4-H Project Sheet Series [8669]. University of California, Agriculture and Natural Resources. https://ucanr.edu/sites/UC4-H/files/307344.pdf

Role: Author.

- **Marshall-Wheeler, N**. (2019). 4-H outdoor adventure project. California 4-H Project Sheet Series [8654]. University of California, Agriculture and Natural Resources. https://ucanr.edu/sites/UC4-H/files/307345.pdf

Role: Author.

A – Popular Press Articles

- **Marshall-Wheeler, N.** (2025 accepted/in press). Achieving Meaningful Youth-Adult Partnerships. *Youth Development Insights: Ideas, strategies, and research from the field.* N. Caeton and J. Miller. UC ANR Blogs. Backlogged due to IWP transition.

Role: Author.

- **Marshall-Wheeler, N.** (2025, September). Achieving Meaningful Youth-Adult Partnerships. *Youth Development Delivered: Helping grow youth development in 4-H and beyond!* Issue 2. Newsletter.

Role: Author.

- **Marshall-Wheeler, N.** (2025, September). New 4-H year, new 4-H volunteering opportunities. Butte County Farm Bureau Newsletter. Durham, CA. Print. – very popular, reused/reprinted from 2024.

Role: Author.

- **Marshall-Wheeler, N.** (2024, September). From Youth to Competent Adults: The Long-Term Outcomes of 4-H. *Youth Development Delivered: Helping grow youth development in 4-H and beyond!* Issue 1. Newsletter.

Role: Author.

A – Popular Press Articles
Continued

- **Marshall-Wheeler, N.** (2024, September). New 4-H year, new 4-H volunteering opportunities. *Butte County Farm Bureau Newsletter.* Richvale, CA. Print.

Role: Author.

- **Marshall-Wheeler, N.** (2024, May). 4-H - The long-term impacts. *Glenn County Farm Bureau Focus.* Orland, CA. Print.

Role: Author.

- **Marshall-Wheeler, N.** (2024). From Youth to Competent Adults: The Long-Term Outcomes of 4-H. *Youth Development Insights: Ideas, strategies, and research from the field.* N. Caeton and J. Miller. UC ANR Blogs. January 12. https://ucanr.edu/blogs/YouthDevelopmentInsights/

Role: Author.

- **Marshall-Wheeler, N.** (2023, December). 4-H boosts youths' public speaking confidence and skill. Butte County Farm Bureau Newsletter. Richvale, CA. Print.

Role: Author.

- **Marshall-Wheeler, N**. (2023). Tips for Building Youth's Public Speaking Confidence at Your Meetings. Youth Development Insights: Ideas, strategies, and research from the field. N. Caeton and J. Miller. UC ANR Blogs. February 21. https://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=56278

Role: Author.

- **Marshall-Wheeler, N.** (2023, January). 4-H - The Long Term Impacts. Butte County Farm Bureau Newsletter. Richvale, CA. Print.

Role: Author.

- Worker, S. M., Meng, Y., **Marshall-Wheeler, N**., Nayak, R. (2021). 2021 State 4-H Field Day Evaluation Report. https://ucanr.edu/sites/sfd/files/359782.pdf

Role: Co-author, wrote sections of the report. Helped with qualitative analysis.

- **Marshall-Wheeler, N.,** Zediker, J., et al. (2021). 4-H and Non 4-H Livestock Event Guidance for 2021. https://ucanr.edu/sites/ca4H/files/346647.pdf

Role: Lead author.

- **Marshall-Wheeler, N.** (2020). Practical Examples of Virtual 4-H Projects: Animal Science Sheep Project. https://ucanr.edu/sites/UC4-HResources/Virtual_Projects/Practical_Examples/#sheep

Role: Author.

- **Marshall-Wheeler, N**. (2020). Virtual 4-H Project Meeting Lesson Plan Samples. https://ucanr.edu/sites/sutteryuba/files/362420.pdf

Role: Author.

A – Popular Press Articles
Continued

- **Marshall-Wheeler, N**. (2020). Virtual Project Meeting Checklists. https://ucanr.edu/sites/sutteryuba/files/362419.pdf

Role: Author.

D – Technical Reports and Other Non-Reviewed Articles

- University of California 4-H Youth Development Program. (2025, January). UC 4-H Presentation Manual Addendum. UC Agriculture and Natural Resources.

Role: Author.

- University of California 4-H Youth Development Program. (2021, January). UC 4-H Presentation Manual. UC Agriculture and Natural Resources. https://ucanr.edu/sites/UC4-H/files/2193.pdf

Role: Co-author. Specifically wrote content for the section 1.

- Go, C., Miner, G., Miller, J., Worker, S., Kok, C. M., Espinoza, K., & **Marshall-Wheeler, N**. (2018, September). California 4-H adult volunteer experience study: Who, what roles, and training needs. University of California, Agriculture and Natural Resources.

Role: Assisting in writing the introduction and findings/discussion.

E – Published Abstracts

- Worker, S. M., Nayak, R., Iaccopucci, A. M., & **Marshall-Wheeler, N.** (2025). Long-term outcomes of youth development programs: California 4-H alumni study. Paper presented at the 2025 annual meeting of the *American Educational Research Association*. Retrieved 10/28/2025, from the AERA Online Paper Repository.

Role: Co-author. Helped with data collection and revise the manuscript before submission.

- Worker, S. M., Nayak, R., Iaccopucci, A. M., & **Marshall-Wheeler, N.** (2024). Using secondary data to explore long-term outcomes of 4-H alumni. Paper presented at the 2024 annual meeting of the *American Evaluation Association*. Portland, OR.
- **Role:** Co-author. Helped with data collection and revise the manuscript before submission

- **Marshall-Wheeler, N.,** Worker, S. M., Meng, Y., & Nayak, R. (2023). Exploring public speaking self-efficacy in the 4-H Youth Development Program. American Educational Research Association Paper Repository. https://doi.org/10.3102/2007381

Role: Lead author and writer.

- **Marshall-Wheeler, N**., Meng, Y., Worker, S. M., & Nayak, R. (2022). The 4-H youth development program's influence on public speaking self-efficacy. Proceedings of the California 4-H Professionals Conference: Youth Development Academics. August 9-11. Davis, CA.

Role: Lead author.

E – Published Abstracts
Continued

- Bird, M., **Marshall-Wheeler, N.,** Caeton, N. C., Nathaniel, K. C., & Vega, L. (2022). 4-H camp during COVID Virtual Workshop Series. Proceedings of the California 4-H Professionals Conference: Youth Development Academics. August 9-11. Davis, CA.

Role: Co-author. Contributed and reviewed abstract before publication.

- Iaccopucci, A., Worker, S. M., **Marshall-Wheeler, N.,** & Nayak, R. (2022). UC 4-H alumni study: Exploring long-term outcomes of early adults. Proceedings of the California 4-H Professionals Conference: Youth Development Academics. August 9-11. Davis, CA.

Role: Co-author. Contributed and reviewed abstract before publication.