

# Developing Gardening, Agriculture and Nutrition Programs for Sutter County Youth (2022-2023)

*A Partnership with The Center at Sierra Health Foundation*



**UNIVERSITY OF CALIFORNIA**  
Agriculture and Natural Resources

## Background

The University of California Cooperative Extension (UCCE) Sutter-Yuba is a bi-county office founded in 1918, serving the population of Sutter and Yuba Counties. It is a county-based extension office of the University of California Division of Agriculture and Natural Resources (UC ANR) and a partnership between the University of California and Sutter and Yuba Counties. Our mission, as a part of UCANR, is to “serve California through the creation, development, and application of knowledge in agricultural, natural, and human resources.” Our programs serving Sutter County include CalFresh Healthy Living (CFHL), the 4-H Youth Development Program (YDP), and Master Gardeners (MGs). The CFHL program provides comprehensive, evidence-based nutrition and physical activity education aligned with policy systems and environmental change services in early childhood centers, schools, and community environments. The 4-H YDP provides hands-on, experiential programming for youth ages 5 to 18 years old. 4-H YDP programming is often project-based and focuses on Healthy Living, Science, Technology, Engineering, and Mathematics (STEM), as well as Civic Engagement and Leadership. Master Gardeners provide research-based information about home horticulture, pest management, and sustainable landscaping practices to the public. The program encourages healthy living by enhancing local, sustainable, and healthy food systems with quality education programs and community outreach.

The primary goal of this project was to significantly expand our current gardening, agriculture, STEM, and nutrition programming in Sutter County. By establishing school gardens and agriculture projects at new schools and enhancing existing projects, we aimed to make a lasting impact on the local community. The establishment of our first STEM Summer Day Camp in 2023 further extended the reach of our programs, providing children with valuable opportunities and exposure outside of the school environment.

## Demographics

Our target population is the youth of Sutter County, aged 5 to 18, including those who are disadvantaged and underserved. In Sutter County, 65% of youth qualify for free or reduced lunches, and the majority (38%) identify as Latino (Ed-Data.org). These statistics underscore the need for our programs, as many local youths lack exposure to science and professionals who could positively influence their future choices. There is also a lack of support to encourage young learners to participate in available school programs or to continue their education.

With our diverse staff, underserved and disadvantaged youth from Sutter County had the opportunity to learn from people who were willing to listen and support their aspirations.

## Goals and Objectives

The goal of our partnership program was to educate the local youth population about the agricultural resources available and empower them with the collective knowledge of experts delivered through an experiential learning approach. The hands-on instruction was delivered through the cooperation of three existing programs, CFHL, 4-H YDP, and Master Gardeners, supported by the UCCE Sutter-Yuba office, including scientists and staff. The project allowed the local student population to access current research-supported agricultural knowledge and learn from local experts.

The program utilized task-based approaches to support students' learning in their production of edible plants, understanding the process and importance of growing food, and its benefits. In addition to supporting youth's learning of nutrition and gardening content, the program focused on strengthening youth's knowledge of agriculture and STEM's role in agriculture.

The program's project outcomes were for students to be able to:

- ◆ Apply all learned knowledge toward the pursuit of a healthy lifestyle
- ◆ Gain an interest in nature, gardening, and healthy living
- ◆ Under conditions similar to the learning environment, be able to grow edible plants
- ◆ Be able to connect learned concepts and knowledge to STEM
- ◆ Build self-confidence and pride from their efforts and learning

## School Year Programming (2022-2023)

Our school-year programming focused on three curricula, as well as the establishment of school gardens.

**Cooking Academy:** A 7-week program that focuses on food safety, nutrition, and cooking skills. The program aims to inspire and create action in elementary school-age “chefs” by allowing them to engage actively with food, practice basic culinary techniques, and complete and eat healthy recipes from start to finish with guided supervision. It aims to empower children to cook and eat healthy foods at home, thereby inspiring their friends and family members to do the same.

**Embryology in the Classroom:** This curriculum allows youth to learn about animal science through observation of hatching eggs. Students see embryos develop in hands-on lessons. They learn the basic principles of animal reproduction and the process of raising living things.

**Water Wizards:** A 12-week informal water education project that allows youth to learn about water and the environment, water properties, and water in their community through experiential science experiments. It teaches water education with hands-on activities designed not only to educate elementary school students about water and its importance but also to engage young learners as scientists themselves.

**Twigs School Garden:** The TWIGS (Teams With Intergenerational Support) was born out of the continuing commitment of Cooperative Extension to help youth more fully develop their potential through participation in real-life educational experiences, whether formal or informal. Educational goals are to provide youth with opportunities to learn new skills and knowledge, work together cooperatively, develop decision-making skills, and become productive, responsible citizens of their communities. TWIGS is designed to be community-based and to integrate schools, agencies, and the community to focus on the positive development of children. The garden is a powerful experiential tool that can connect children with science, nutrition, food and fiber production, ecological responsibility, and community beautification. It provides opportunities for the application of math and science principles, language arts, and multicultural awareness.



### Embryology in the Classroom

“We have one student that we were unable to reach until the school garden project came along. She wasn’t active in her coursework nor did she communicate with ease. Once the garden project started, she came to life as did her communication skills. Her grades dramatically improved and she asked her parents to set up a home garden. That student was completely transformed by the garden experience. We can’t thank the master gardeners enough for the work they’ve done in our school and specifically for the quality of life for this child”.

- Teacher, Yuba City Charter School

## Methodology and Results

**CalFresh Healthy Living, UC** conducted Cooking Academy training with 11 after-school coordinators. They were trained in the curriculum, food safety, and classroom management. Food preparation kits for Cooking Academy were purchased, assembled, and disseminated to each of the 11 school sites. Staff facilitated food demonstrations and curriculum discussions to prepare coordinators to implement Cooking Academy with students in the spring of 2023. By the end of the school year, over 1,200 students at 11 school sites participated in Cooking Academy. CalFresh also provided organizational guidance and resources for 18 new or enhanced school garden projects, including the supply list for building planting boxes. CalFresh worked with Master Gardener volunteers on garden curriculum, training approaches, and access to school administration and afterschool partners.

**UC Master Gardener Program** delivered gardening supplies to 12 schools. Schools with existing gardens received \$1000 worth of supplies, and schools that were just starting received \$2000. Most schools received raised beds, soil, fertilizer, kids' gloves and hand tools, irrigation/hose equipment, sheds, and seeds or seedlings. All supplies were ordered and subsequently delivered by the end of March 2023.

Between November 2022 and January 2023, all 12 schools were visited for an on-site assessment. Johnny Yang, program coordinator, and Cheryl Hoke, project lead, assessed each school's goals and reviewed the areas they considered for the school beds. They spoke with key leadership personnel and additionally spoke with grounds maintenance to ensure the successful building and maintenance of the school garden.

A 10-part workshop series was created and conducted for all after-school coordinators of those 12 schools at the UC Master Gardener Learning Garden at the Yuba-Sutter Fairgrounds. The content was geared toward introductory topics of garden maintenance, construction, pest management, and companion planting theories. Those workshops were conducted from March 2023 to May 2023 for all after-school coordinators from each of the 12 schools.

A post-assessment was conducted in October 2023 to determine the success of the project and what the needs were for the upcoming planting season. Of the 12 schools, 9 schools were able to implement a relatively successful school garden. The success ranged from having lovely flowers delivered to teachers from flower gardens to taste tests from the produce that was gathered from the school garden. Half of the participants have requested that the Master Gardeners return in the spring of 2024 to assist in supporting their ongoing efforts to establish a continual year-round garden on the school grounds.

**4-H Youth Development Program** implemented the Embryology curriculum with 27 classrooms at 11 schools and 1671 students for a total of 263 hours of the Embryology project.

Water Wizards was implemented with the Sutter County Museum through a 3-week series of water education workshops with 15 attendees. Children learned about the water cycle and its importance to the planet and environment.

Cooking Academy was implemented in partnership with CalFresh in the Yuba City Unified School District (Sutter County).



**Table 1.** Evaluations provided by teachers from program implementations during the 2022-2023 school year. Data summary provided by Dr. Matthew Rodriguez, 4-H Youth Development Advisor, UCCE Placer-Nevada.

Teacher questionnaire results (n=24)

Factors	M (SD)	n (%)
<b>Counties</b>		
Sutter		12 (63)
Yuba		7 (37)
<b>Delivery Modes</b>		
School enrichment program		17 (94)
Child-care/After school program		1 (6)
<b>Youth Participants</b>		
Children in program	42 (32.86)	
Kindergarteners	5 (11.06)	
First to third graders	6 (11.98)	
Fourth to sixth graders	6 (17.87)	
Sixth to eighth graders	4 (18.77)	
<b>4-H Curriculum</b>		
Embryology		17 (94)
Other		1 (6)
<b>Teacher Observations</b>		
Strongly agreed that youth were excited to participate in program		18 (100)
Strongly agreed that youth learned something new about science		18 (100)
Strongly agreed that compared to before program, more youth seem to like science		15 (83)
Strongly agreed that compared to before program, more youth seem to be confident doing science		13 (72)

Note: For the teacher observation items, a six-point scale was used (1=strongly agree, 2=agree, 3=not sure, 4=disagree, 5=strongly disagree, 6=unable to discover).



## Summer Day Camp (July 2023): “Ag-Venture”

The Summer Day camp took place over four weeks in July 2023 and was open to the public to enroll (ages 5-12). The summer camp was an opportunity for youth to learn about science and agriculture and experience field trips to local wildlife areas, as well as agricultural production, processing, and milling facilities. The camp was hosted at Ettl Hall, a space generously provided by Sutter County. The Sutter County Museum, which is attached to Ettl Hall, provided weekly tours and activities for the campers as well.

The themes for each week were: Interesting Insects, Foods and Farms, Woods and Water, and Awesome Animals. The youth participated in activities, field trips, and guest speakers related to each week's theme.

The camp was directed by Rayna Barden (4-H Youth Development Community Education Specialist), and a team of four Student Assistants staffed the camp. The Student Assistants were Yasmeen Castro Guillen (Chico State), Alana Logie (Yuba College), Jayla Pollard (Folsom Lake College), and Adam Yandel (Chico State). Three more helped lead the camp as counselors: Hector Amezcua (Yuba College), Alyssa Nott (Butte College), and Jillian Ruiz (Chico State). Sandy Parker, 4-H and UC Master Gardener Volunteer from UCCE Sutter-Yuba was the Camp Nurse.

Community Education Specialists Patty Ceja Amezcua, Kenia Estrada, Pang Yang, Sunshine Hawjj, Sonya Gonzalez, Joanna Aguilar, and Jo Reynolds from CalFresh Healthy Living, UC, provided additional staffing support and implemented garden-based nutrition education lessons from the Teams with Intergenerational Support and Cooking Academy Curricula. These lessons focused on identifying pests and pals in the garden, food preparation, and food literacy, and healthy alternatives to sugar-sweetened beverages (Re-Think Your Drink).

### Camp Highlights

- ◆ Learning about the repurposing of byproducts like hops from beer processing and almond shells and hulls for feed and bedding for the dairy cattle at Tollcrest Dairy.
- ◆ Having the opportunity to see a calf being born during their dairy farm visit.
- ◆ Creating bee hotels during week one and seeing how placing these hotels in a garden gives pollinators a safe place to rest.
- ◆ Learning about the water cycle through different water education activities (Water Wizards curriculum).
- ◆ Learning cooking skills with CalFresh Healthy Living and making snacks for the group (Cooking Academy).
- ◆ Creating crafts from the wool shorn from the sheep.
- ◆ Making freezer jam with the Master Food Preservers.
- ◆ Designing and taking home floral arrangements with Master Gardeners.
- ◆ Learning about hatching checks through daily temperature checks and humidity checks while the eggs were incubating, and at day 21, seeing them hatch (Embryology).



# AG-VENTURE DAY CAMP!

Different themes each week!



## Day-Camp Information

From 8:00 am - 5:00 pm each day!

## Month of July

Week 1: Interesting Insects

Week 2: Food and Farms

Week 3: Woods and Water

Week 4: Awesome Animals

Ages 6-12  
Field Trips!



Scan QR Code  
to Register!

Scholarships  
available!

Sponsored by



THE CENTER  
at Sierra Health Foundation

## DAY CAMP LOCATED AT Ettl Hall

1333 BUTTE HOUSE RD,  
YUBA CITY, CA 95993

### FOR DETAILS CONTACT

EMAIL: SUTTERYUBA@UCANR.EDU  
PHONE: (530) 822-7515



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## Guest Speakers

**Week 1 (Interesting Insects):** Three guest speakers attended this week, and the highlights included the kids' setting butterflies and ladybugs free in the rose garden after they learned about different insect species.

- Dr. Sudan Gyawaly, IPM Advisor, UCCE Butte County
- Lynn Williams - Northern California Bee Association Member
- Dr. Luis Espino, Rice Farming Systems Advisor and County Director, Butte County



**Week 2 (Foods and Farms):** Three guest speakers attended this week, and highlights included Farm Safety, Stop the Bleed Presentation where kids learned about creating a tourniquet from a T-shirt, saw live rice pests (tadpole shrimp) and planted rice seeds to take home, and soil health and soil-water-plant interactions.

- Dr. Whitney Brim-DeForest, Rice and Wild Rice Advisor and County Director, UCCE Sutter-Yuba
- Sarah Light, Agronomy Advisor, UCCE Sutter-Yuba
- Dr. Heather Barden - Kaiser Permanente South Sacramento: Nursing



**Week 3 (Woods and Water):** Two guest speakers this week taught the kids about forests and water. The kids learned about fires and tree nutrient requirements. They collected materials to create a natural water filter to filter drinking water if they were ever lost in the forest. They found plant leaves and then placed them in a machine to push water out of the leaves' stomas.

- Ricky Satomi, Forestry Advisor, UCCE Sutter-Yuba
- Dr. Curt Pierce, Irrigation and Water Resources Advisor, UCCE Glenn



**Week 4 (Awesome Animals):** Five guest speakers this week taught the kids about animals and animal production. The kids learned about wool, where it comes from, and how to make it felt. They learned and saw how cattle are moved using dogs, how they are weighed, and vaccinated. They visited a dairy where they saw a calf being born. They got to see sheep being shorned, and they also learned about viruses and diseases, and how they can move between animals and humans.

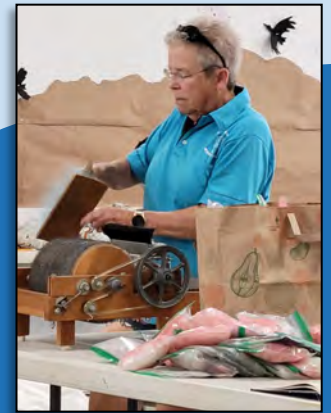
- Mendenhall Wool Sheep, Marysville, CA
- Dan Macon, Natural Resources Advisor, UCCE Placer-Nevada
- John Maral, Professional Sheep Shearer, John Maral Shearing
- Dr. Phuong Luu, Yuba-Sutter Public Health Officer
- Betsy Karle, Dairy Advisor, UCCE Glenn



### Embryology in the Classroom

“16 of the 18 eggs hatched. I couldn't believe how many hatched. They just kept hatching. Thank you so much for everything!!! The kids loved it. My kids are still talking about our chicks!”

- Marisa Banuelos, teacher from Lincoln Elementary School in Yuba City





## Field Trip Locations and Sponsors

**Grey Lodge (Butte County):** Since the Sacramento Valley is a part of the Pacific Flyway, we took our first field trip to this wildlife refuge. The kids got to take a walk through the area and look for wildlife that lives there throughout the year. They saw a turtle moving from pond to pond and a snake out sunbathing.

**Sandy Parkers' Farm (Yuba County):** The kids learned about multigenerational farming on the same plot of land. They viewed chickens, goats, sheep, horses, and cattle, along with working guardian dogs. Sugar, the Great Pyrenees, was the highlight of the day.

**Yuba Water District (Yuba County):** The kids visited Bullards Bar, Collins Lake/Browns Valley Irrigation District, and ended the day at Mathews Rice Dryer. They observed how water was collected, transported, and used by farmers throughout the community. Additionally, they visited a hatchery where farmers could bring eggs discovered in the rice fields, which could then be incubated, nurtured, and eventually released back into the wild.

**Tollcrest Dairy (Yuba County):** The youth learned about the dairy industry, observed a carousel milker in action, witnessed the birth of a calf, and discovered how feed is blended with hops and almond hulls, as well as how manure is dehydrated to create bedding.

**UCCE Sierra Foothills Research and Extension Center (Yuba County):** The youth went on two field trips to learn from our Forestry Advisor about trees, fires, and nutrients and with our Livestock Advisor to learn about cattle and working dogs.

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Note: For the teacher observation items, a six-point scale was used (1=strongly agree, 2=agree, 3=not sure, 4=disagree, 5=strongly disagree, 6=unable to discover).

**Table 3.** Demographics of youth program participants in the Ag-Venture Day Camp (n=132). Data summary provided by Dr. Matthew Rodriguez, 4-H Youth Development Advisor, UCCE Placer-Nevada.

Factors	M (SD)	n (%)
<b>Age</b>	8 (1.62)	132 (100)
<b>Gender</b>		
Female		65 (51)
Male		58 (46)
Non-binary		1 (1)
Prefer not to state		3 (2)
<b>Race/ethnicity</b>		
Latino		13 (11)
Black		2 (2)
Asian		6 (5)
Native American		6 (5)
White		54 (47)
Two or more races/ethnicities		22 (19)
Race not listed		8 (7)
Prefer not to state		5 (4)

Note: The demographics are for both younger and older youth. On the younger youth questionnaire for race/ethnicity, "race not listed" was not an option listed on the questionnaire. Also, some youth attended multiple weeks of the camp and thereby may be counted multiple times in this table.

**Table 4.** Outcomes for older youth program participants in the Ag-Venture Day Camp (grades 4-8) (n=54). Data summary provided by Dr. Matthew Rodriguez, 4-H Youth Development Advisor, UCCE Placer-Nevada.

Factors	M (SD)	n (%)
<b>Program Satisfaction</b>		
Program enjoyment	9 (1.38)	
Planned to return to camp next year		24 (45)
<b>Cognition</b>		
Learned new agriculture knowledge	3.94 (1.00)	
Know what agriculture looks like in community	3.75 (1.16)	
Know what agriculture careers may look like	3.44 (1.18)	
Know what science looks like in agriculture	3.63 (1.26)	
<b>Effect</b>		
Was excited to learn about agriculture	3.44 (1.13)	
Got to know other youth campers	4.37 (0.75)	
Felt included by youth campers	4.00 (0.89)	
Felt respected by youth campers	4.00 (1.00)	
Felt safe at camp	4.23 (0.88)	
Felt respected by camp staff	4.24 (0.89)	
Camp staff helped youth with difficult situations	4.14 (0.90)	
Felt camp staff listened to their suggestions	4.10 (0.81)	

Note: For program satisfaction, the mean was calculated from a scale of 1-10 (1 = low satisfaction and 10 = high satisfaction). For cognition and effect, the mean and standard deviation were calculated from a 5-point Likert scale to calculate an average score for each item. 1=Strongly Disagree and 5=Strongly Agree. Also, some youth attended multiple weeks of the camp and thereby may be counted multiple times in this table.

**Table 5.** Outcomes for younger youth program participants in the Ag-Venture Day Camp (grades K-3) (n=78). Data summary provided by Dr. Matthew Rodriguez, 4-H Youth Development Advisor, UCCE Placer-Nevada.

Factors	M (SD)
<b>Program Satisfaction</b>	
Had fun at camp	3.69 (0.63)
Hope camp is offered next year	3.61 (0.70)
<b>Cognition</b>	
Learned new content about agriculture	3.62 (0.74)
Camp helped them learn more about science	3.69 (0.62)
<b>Effect</b>	
Felt safe to ask questions	3.36 (0.87)
Was more excited about agriculture	3.45 (0.87)
Felt camp counselors were nice	3.72 (0.53)

*Note: For program satisfaction, cognition, and Effect, the mean and standard deviation were calculated from a 4-point scale to calculate an average score for each item. 1=Big frown face and 4=Big happy face. Also, some youth attended multiple weeks of the camp and thereby may be counted multiple times in this table.*

### Embryology in the Classroom

“This has been the BEST thing ever. Thank you SOOOO much. My kiddos are loving them.”

- Wendy Harvey from Lincrest Elementary School in Yuba City



**Table 6.** Outcomes for parents of participants in the Ag-Venture Day Camp (n=12). Data summary provided by Dr. Matthew Rodriguez, 4-H Youth Development Advisor, UCCE Placer-Nevada.

Factors	M (SD)	n (%)
Average number of children in program	2 (0.69)	
<b>Race/ethnicity</b>		
Latino		3 (27%)
Black		0 (0)
Asian		0 (0)
Native American		0 (0)
White		6 (55)
Two or more races/ethnicities		2 (18)
Race not listed		0 (0)
Prefer not to state		0 (0)
<b>Gender</b>		
Female		10 (91)
Male		1 (9)
Non-binary		0 (0)
Prefer not to state		0 (0)
<b>Program Satisfaction</b>		
Satisfaction of child with program	4.82 (0.40)	
Quality of communication from staff	4.82 (0.40)	
Experience with registration process	4.82 (0.40)	
Experience with check-in procedure	4.91 (0.30)	
Likelihood that child wants to attend camp in future	4.55 (1.21)	
Likely to recommend camp to other parents	4.91 (0.30)	
Child received a summer camp scholarship		5 (45)
Felt program was affordable		11 (100)
Familiar with University of California Cooperative Extension		4 (36)
<b>Perceived Youth Outcomes</b>		
Gave knowledge about agriculture		10 (91)
Gave opportunity to unplug from technology		7 (64)
Gave opportunity to make new friends		10 (91)
Gave opportunity to learn about career options		3 (30)

*Note: For the program implementation factors, the mean and standard deviation were calculated from a 5-point scale to calculate an average score for each item. For the satisfaction factor: 1=Extremely dissatisfied and 5=Extremely satisfied. For quality of communication factor: 1=Extremely bad and 5=Extremely good. For registration and check-in factors: 1=Extremely difficult and 5=Extremely easy. For the future attendance and recommend factors: 1=Extremely unlikely and 5=Extremely Likely. Scholarship, affordable, and familiarity factors were dichotomous 1=No and 2=Yes.*

## Budget Narrative

### I. Personnel

The funds from the grant paid for the salary and benefits of several staff members. This included a Community Education Specialist for the Master Gardeners and Master Food Preservers, who oversaw and coordinated the Master Gardener Volunteers, Master Food Preserver Volunteers and organized the training for teachers, as well as the garden site visits and purchase of all materials for the garden. A 4-H Community Education Specialist provided oversight and coordination of 4-H Volunteers, Youth, and Parents in the program. They also organized all field trips and guest speakers for the camp. During the Ag Venture Camp, they were the onsite Camp Director. During the school year, they coordinated curriculum kit drop-offs and assisted in data collection and training for teachers. Four Student Assistants worked with the other project staff on all parts of the school year and summer camp staffing, including putting together curriculum kits for schools, assisting in training, and helping to lead the campers for the month of the Ag-Venture Camp.

Other staff hired specifically for the Ag-Venture Camp included a Vocational Nurse, who ensured the health and safety of all campers, and three additional Student Assistants, who, along with the longer-serving Student Assistants and 4-H CES went with the campers to attend field trips, led activities during the camp free time, and ensured the ratio of adults/youth was correct for the entire camp period.

### II. Other Expenses

The materials purchased included office supplies (paper, envelopes, pens, pencils, and any other necessary supplies for curriculum delivery) and postage for mailing flyers advertising the summer camp. It also included printing and copying flyers, posters, and curriculum, as well as larger printing, such as banners and signage for the Ag-Venture Day Camp.

The equipment included the purchase of a refrigerator for storage of additional food supplies for tastings (nutrition education) at schools during the school year as well as a sound system for outdoor and after-school events.

The schools received information and materials to build or improve 22 school gardens. \$2000 in supplies were given to each of the new schools (10) that did not have school gardens and \$1000 in supplies were given to each school that had a current garden.

Staff and volunteers were also reimbursed for mileage when traveling to school sites during the school year.

For safety reasons, charter buses with drivers were rented for field trips during the Ag-Venture Camp. A small number of vans were rented to assist staff in transporting special needs students, as well as to run errands during the camp.

Funds for food were for snacks as well as dinners. Other meals (breakfast and lunch) were provided as donations through Yuba City Unified.

Supplies (for camp activities) were purchased for youth at the Ag-Venture Camp to do when there were no field trips and guest speakers, and included arts, crafts, seeds, pots, as well as for outdoor activities.

Curriculum and kits were purchased for the schools for the in- and afterschool programs. Five kits were built for the Embryology curriculum, as well as purchasing replacement supplies for some of the kits already owned by the Sutter-Yuba 4-H program. The 4-H Water Wizards curriculum will also be used with the required purchase of Enviroscares. Five kits were purchased. 4-H/CalFresh Cooking Academy curriculum required an additional 7 kits to be purchased, as well as additional supplies for the kits that the Sutter-Yuba program already owned.

Yoga Mats were purchased to be utilized for the healthy living portion of the school year curriculum (physical activity) but were also utilized at the day camp.

Camp shirts, water bottles, and nametags were purchased for all of the Ag-Venture campers. Camp shirts were also purchased for the staff.

CLAX Carts were purchased to be used for transporting food (for tastings), curriculum, and other supplies to the schools during the school year.

## Budget

<b>Project Budget Year 1 &amp; 2</b>		
<b>I. Personnel</b>		
Salaries		
1	CES MG	\$27,534
2	CES 4-H	33,041
3	Student Asst (9)	93,436
4	Program Support (4)	
	Benefits	44,062
	<b>Salary and Benefits</b>	<b>\$198,073</b>
Consultant Fees		
1	Nurse	\$6,300
2	Program Counselors (6)	21,922
3	Cooks (2)	5,913
	<b>Total Personnel and Consultants</b>	<b>\$232,208</b>
<b>II. Other Expenses</b>		
	Office Supplies	\$500
	Postage	500
	Printing/Duplicating	1,041
	Information/Materials (Garden)	32,000
	Refrigerator/Sound System	2,600
	GAEL	2,906
	Travel	6,000
Miscellaneous (List)		
1	Van rentals (4)	\$10,000
2	Gas (\$400/week)	\$6,400
3	Food (\$1500/week)	\$6,000
4	Supplies (camp activities)	\$6,000
5	Curriculum and kits	\$14,940
	<i>Embryology</i>	\$2,400
	<i>Gardening</i>	\$440
	<i>Water Wizards</i>	\$2,600
	<i>Cooking Academy</i>	\$9,500
6	Yoga Mats (40)	\$400
7	Camp shirts/Water Bottles	\$1,200
8	CLAX Carts (6)	\$1,614
	<b>Other Expenses</b>	<b>\$92,101</b>
	Indirect Costs 20%	64,862
	<b>Total Grant Expenses</b>	<b>\$389,171</b>

## Team Members

Dr. Whitney Brim-DeForest  
Rice and Wild Rice Advisor and County Director

Dr. Matthew Rodriguez  
4-H Youth Development Advisor

Nicole Marshall-Wheeler  
4-H Youth Development Advisor

Adam Yandel, Student Assistant  
Alyssa Knott, Student Assistant  
Alana Logie, Student Assistant  
Consuelo Baez Vega, Program Support  
Hector Amezcua, Student Assistant  
Jaskirat Pandher, Program Support  
Jayla Pollard, Student Assistant  
Jo Reynolds, CalFresh Community Education Specialist  
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UCCE Sutter-Yuba Master Gardener Volunteers  
UCCE Sutter-Yuba Master Food Preserver Volunteers

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