EXTENSION

UtahStateUniversity.

DAVIS COUNTY

COMMUNITY IMPACT REPORT



Davis COUNTY

EXTENSION

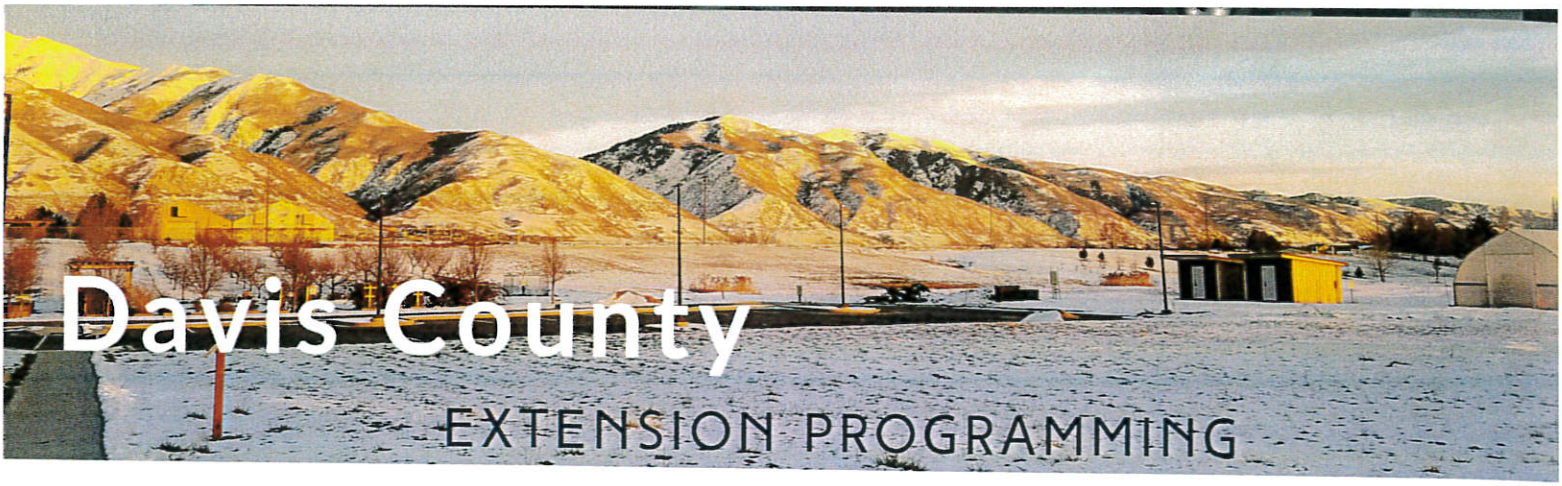
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Davis County

EXTENSION PROGRAMMING

The hallmarks of the extension program — openness, accessibility, and service — illuminate how cooperative extension brings evidence-based science and modern technologies to farmers, consumers, and families in Davis County. Through extension, land-grant universities such as USU reach out to offer their resources to address public needs. These services improve the lives of consumers and families through modern agricultural practices, water conservation, home horticulture help, nutrition education, food safety training, and 4-H youth leadership development

FUNDING

$1.48 MILLION

contributed by

UTAH STATE UNIVERSITY

in 2021 for the benefit of Davis County Citizens

$723,000

of which was obtained by grant funding obtained by

DAVIS COUNTY USU FACULTY

for programs to better the lives of Davis County residents

USU Extension Davis County is the home to 3 staff assistants, 7 faculty, 2 program coordinators and several volunteers!



Justen Smith
County Director



Jerry Goodspeed
Botanical Center Director



Sheriden Hansen
Horticulture Professor



Paula Scott
Expanded Food & Nutrition Education Program State Director



Emma Parkhurst
Health and Wellness Professor



Sadie Wilde
Health and Wellness Professor



Mike Wierda
Pesticide Education Professor













TESTING PRESSURE GAUGES



An essential role of our FCS agent includes advocating for safe home canning practices of community members through test pressure canner gauges and teaching home food preservation classes. USU Extension Davis County is the only place in the county to get gauges tested. Due to Covid-19, there was a sharp increase in food safety and food preservation. Davis County Extension had:

50 + GAUGES TESTED to prevent botulism



Over 300 FOOD SAFETY PHONE CALLS



FARMERS FEEDING UTAH

Processing shortages and market losses have left many farmers without an outlet for their products. 15,000 people signed up for SNAP in Utah. Food Pantries didn't have enough food. With funds raised, Farmers FEEDING Utah purchased commodities and distributed. Davis County held an event on May 19th, 2021 in Layton with more events planned for the future.

Farmers FEEDING UTAH

Utah Farm Bureau Federation







POSITIVE YOUTH DEVELOPMENT

4-H inspires the next generation of leaders, inventors, entrepreneurs, and problem solvers. 4-H is the nation's largest positive youth development program and in Davis County we offer a wide variety of programs, projects, contests and events from livestock to sewing and leadership to robotics. Davis County 4-H started five new community clubs and 11 private clubs.
Areas of focus:

600 MEMBERS

14 TEEN COUNCIL MEMBERS

250 VOLUNTEERS

SCIENCE

SHOOTING SPORTS

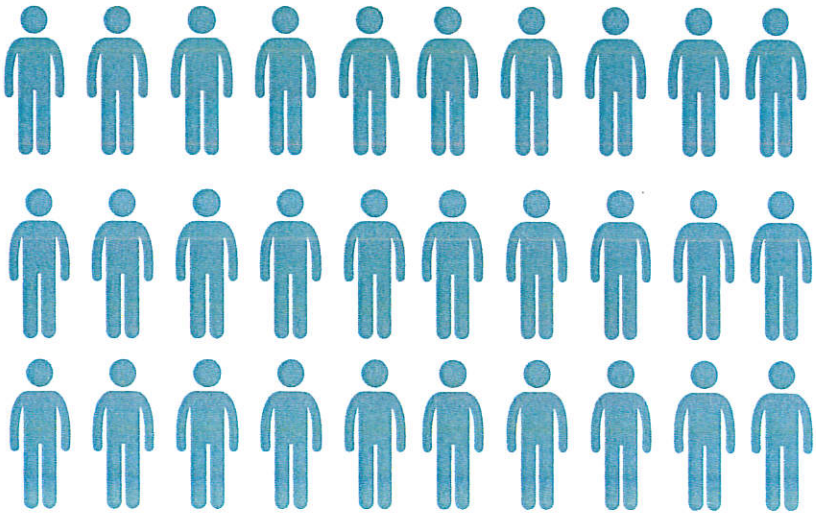
ENGINEERING

YOUTH MENTAL HEALTH

TECHNOLOGY

AGRICULTURE PROGRAMS

4-H had over **300 HOURS** of service hours in Davis county





= 10 SERVICE HOURS



Horticulture

MASTER GARDENERS

The Davis County Master Gardener Program offers local citizens the opportunity to volunteer **40 HOURS** and provide research-based horticulture education and technical assistance to the public.

16 years running with an average attendance of **50 NEW VOLUNTEERS**

Over **2864 TRAINED GARDENERS** in Davis County.

As of Sept 15, Master Gardeners have volunteered a total of **2701 HOURS**

Over 6,000 lbs. of food donated to local subsidized housing communities & food banks

More than **4,000** stems of cut flowers donated for volunteers to learn flower arranging skills and brighten the lives of long-term patients in healthcare facilities





PUBLIC HORTICULTURE EDUCATION

Partnered with Create Better Health Utah to start a community gardening project for low-income families in Clearfield to learn how to plant, grow, and use vegetables. The apartment manager said,

"WE CAN'T THANK YOU ENOUGH!"

"THIS HAS REALLY BROUGHT OUR COMMUNITY TOGETHER!"

The program plans to double in 2022. Going from 5 families to at least 10 and adding a second garden in a subsidized apartment complex

Garden Guys and Gal

A social media program designed to teach basic horticulture to a broad audience in Utah. They bring awareness to USU Extension and the USU Botanical Center! As of July 2021, there are:

2890 FOLLOWERS **65,230 VIEWS** **256,431 PEOPLE REACHED**



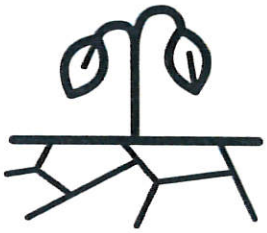
WATER CONSERVATION



drought.usu.edu, the statewide drought management website was developed by USU Extension in Davis County



Sheriden Hansen was requested to teach three classes for the Weber Basin Water Conservation District



6

Walk and Talk Classes were implemented by the USU BC faculty, staff, and volunteers to teach about water conservation

7

Episodes of Garden Guys and Gal videos were posted related to water conservation. These episodes had **10,515** views and **5766** engagements

Davis County Extension worked with cities and organizations regarding water conservation:

LAYTON New ordinance for water wise landscaping and tree selection

SOUTH DAVIS COUNTY 9/11 DAY OF SERVICE COMMITTEE

Worked with NSL, Bountiful, Centerville cities and churches to remove grass park strips as a community wide project focused on conserving water

PARK STRIP REDESIGN GARDEN

Ongoing research regarding water conservation in park strips. The only park strip research taking place in Davis County.






POLLINATOR GARDEN

Installed in June 2021, there is emphasis on preserving pollinators, native edibles and water conservation through irrigation design.






URBAN FARMING

6 Classes and/or presentations were given



Nearly **900** participants were involved

Crop data was presented to Utah Association of Counites regarding the mini-greenbelt Initiative for Utah







EXTENSION

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USU Extension

Mission Statement

- The hallmarks of the extension program — openness, accessibility, and service — illuminate how cooperative extension brings evidence-based science and modern technologies to farmers, consumers, and families in Davis County. Through extension, land-grant universities such as USU reach out to offer their resources to address public needs. These services improve the lives of consumers and families through modern agricultural practices, water conservation, home horticulture help, nutrition education, food safety training, and 4-H youth leadership development.

Prior Year Inputs/Outputs

FTE (2021):

- 3 staff assistant FTE's paid from Davis County funds
- $658,600 for 7 FTE faculty salary and benefits paid by Utah State University
- $103,600 for 2 FTE 4-H Program Coordinator paid by Utah State University
- $723,000 worth of grant funding obtained in 2021 by Davis USU Extension faculty for programs to better the lives of Davis County residents.
- **Total of $1.48 million contributed by Utah State University in 2021** for the benefit of Davis County citizens.

Core Functions & Services

- Translate science for practical application
- Identify emerging research questions, find answers and encourage application of science and technology to improve agricultural, economic, and social conditions for the citizens of Davis County
- Prepare people to break the cycle of poverty, encourage healthful lifestyles, and prepare youth for responsible adulthood

Current Year Projected Outcomes

- Further applied research and subsequent publications available to the public on water conservation, improved fruit and vegetable varieties, urban agriculture, and use of native landscape plants.
- Further expansion of 4-H youth programs, especially in the areas of science, engineering, technology, shooting sports, youth mental health, suicide prevention, and agriculture programs such as Jr. Livestock and 4-H Horse programs.

Public Horticulture Education

- Partnered with Create Better Health Utah to start a community gardening project for low-income families in Clearfield to learn how to plant, grow, and use vegetables. Five families participated in 2021 and we have worked with Clearfield City to expand the project to 10 to 12 families in 2022. **Email from Apartment Manager** - "We can't thank you enough for helping us plant our garden. This has really brought our community together and I'm happy to say, everyone has shown the utmost respect for the project. The kids are still very enthusiastic, and some of the other kids who didn't participate on that day have gotten involved as well. Also, the littering has gone down. It's amazing what a gardening project can do for a community."
- Installation of a community garden in the Windsong subsidized apartment complex in Clearfield. Families from the complex participated in garden installation and growing and are now sharing the produce harvested in the garden.
- Garden Guys and Gal, a social media program designed to teach basic horticulture skills to a broad audience in Utah, has been very successful in both reach, education efforts, and bringing awareness to USU Extension and the USU Botanical Center and the services we offer.
    - Instagram stats (as of July, 2021)
        - Followers: 1,210
        - Total views: 65,230
        - Total likes: 8,014
        - Total shares: 554
    - Facebook stats (as of July, 2021)
        - Followers: 2,680
        - Page Likes: 2,010
        - People reached: 256,431
        - Engagements: 33,337

Water Conservation

- A statewide drought management website was developed and launched by USU Extension in Davis County. This website is the central location for all information related to drought mitigation for the State of Utah. The website is drought.usu.edu
- Weber Basin Water Conservation District requested Sheriden Hansen teach three classes at their facility.
- Six Walk and Talk Classes were implemented at the USU Botanical Center (ALL had a water conservation emphasis - these are casual classes taught by faculty, staff, or MG volunteers)
- Multiple social media posts regarding water conservation, Facebook Live videos, Q&A on the USU Botanical Center social media accounts and through Garden Guys and Gal
    - Garden Guys and Gal produced seven episodes related to water conservation. These episodes had 10,515 views and 5,766 engagements.
- Davis County Extension worked with multiple cities and organizations regarding water conservation and landscape design.
    - Layton City – new ordinance for water wise landscaping and tree selection
    - South Davis County 9/11 Day of Service Committee – worked with NSL, Bountiful, Centerville cities and churches to remove grass park strips as a community wide project focused on water conservation

- Park Strip Redesign Garden
    - Ongoing research regarding water conservation in park strips. The only park strip research taking place in Davis County.
    - Demonstration garden that is highly visible and visited oftern with data display and design ideas
- Pollinator Garden

- Installed in June 2021
- Demonstration garden with emphasis on preserving pollinators, native edibles, and water conservation through irrigation design

Master Gardener Education
New Master Gardeners: 50
Active Master Gardeners: 110
Number of classes and labs taught for Master Gardeners: 65
Number of class participants: 2,864
Highlights:

- The USU Extension Davis County Diagnostic Clinic answered questions from 530 individuals regarding yard and landscape.
  - Sheriden Hansen launched a new program with the help of a Master Gardener to analyze diagnostic inquiries and use it as a needs assessment tool to identify education needs and horticulture problems in the community.
- As of August 16, 2021, Master Gardeners have helped plant, grow, harvest and donate:
  - 4,000 stems of cut flowers to Brightening Blooms for volunteers to learn flower arranging skill and donate flower arrangements in extended care facilities in Davis County.
  - Over 3,000 lbs. of food to local subsidized housing communities and to various food banks in Davis County.
- As of August 25, 2021 Master Gardeners have volunteered a total of 1,951 hours at the USU Botanical Center and in the Davis County Community.

Urban Farming
Number of classes/presentations: 6
Number of participants: 889
Highlights:

- Compilation of crop data (fruit, vegetable and cut flower) and presentation to Utah Association of Counties regarding the mini-greenbelt Initiative for Utah.

Food Preservation

- Due to COVID-19 canning, food preservation, and food safety calls have seen a sharp increase this year. We have USU Extension continues to be the major trusted source for the public in these areas.
  - 358 canning/food safety calls
  - 53 Pressure Canner Gauge Tests

4-H Youth Program

- 4-H enrollment: we had approximately 600 youth enrolled this 2020-21 year, up 200 from the year before.
- 4-H volunteers: we had approximately 250 volunteers, up 75 from the previous year.
- New 4-H programs:
  - Davis County 4-H Project Ambassadors- accomplished 100 hours of service to 4-H community, leadership trainings for 10 youth ambassadors
  - Teen Council- 14 teens joined
  - Start of 5 new community clubs, start of 11 new private clubs
  - Donations came in the form of in-kind service or volunteer hours.

- Approximate volunteer hours (not including horse and livestock)- 300

Next Year Budget Initiatives

Budget Items and Anticipated Expenditures for Term

DESCRIPTION	DOLLAR AMOUNT
Salaries and benefits for support staff (3 FTE's)	$179,168 (includes projected 3% or $5,218 COLA increase)
Office supplies and operating expenses (copy machine, general office supplies, fuel expenses for Extension vehicle, and outdated computer upgrades)	$5,900
4-H Agriculture Program Support (Jenna Aldrich)	$5,100
Family and Consumer Science Program Support (Emma Parkhurst)	$5,100
Agriculture/Pesticide Safety Program Support (Dr. Michael Wierda)	$5,100
Horticulture Program Support (Sheriden Hansen)	$5,100
General 4-H Program Support (new faculty will be hired in January to replace Zuri Garcia)	$5,100
Food Sense nutrition education support	$1,000
Operating and Maintenance (O&M) for Extension building	$33,306 (please refer to supplemental invoice that shows O&M expenses billed. Extension pays 44% of these costs plus an

	additional contingency amount of $1,649 is requested for unexpected repairs (air conditioning, heating, broken restroom equipment, etc.)
Farmers Market Set Up and Operation	$1,500
Summer intern, staff assistant, volunteer travel and support	$2,000
County Donated Meat Program Support	$3,500
Total	**$251,874 (budget amount requested for 2022)**