

Recommended Budget

MARION COUNTY EXTENSION AND 4-H SERVICE DISTRICT



Fiscal Year 2022-2023

Recommended Budget

Fiscal Year 2022-2023

Presented: May 19, 2022



Budget Committee Members

Danielle Bethell
Kevin Cameron
Dana Castano

Gordon Lintner
Dylan Wells
Colm Willis

Budget Officer: Tamra Goettsch

**Marion County Extension and 4-H Service District
2022-2023 Recommended Budget Presentation
Board of Directors & Appointed Officials**

<u>Position</u>	<u>Name</u>	<u>Term Expires</u>
Commissioner	Colm Willis Danielle Bethell Kevin Cameron	December 2022 December 2024 December 2022

<u>Position</u>	<u>Name</u>
Budget Officer	Tamra Goettsch

BUDGET MESSAGE



MARION COUNTY EXTENSION AND 4-H SERVICE DISTRICT

May 12, 2022

GOVERNING BODY

Danielle Bethell
Colm Willis
Kevin Cameron

Members of the Budget Committee, Board of Directors, and Citizens of Marion County:

BUDGET OFFICER

Tamra Goettsch

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This budget has been prepared in accordance with Oregon Revised Statutes. Funding for the Marion County Extension and 4-H Service District (District) was approved by voters in Marion County on May 19, 2015, which established a property tax rate to fund Extension programs. The District has a tax rate limit of \$0.05 per \$1,000 of assessed valuation. For the upcoming fiscal year, the tax rate is unchanged and is expected to generate a total of \$1,381,499 in property tax revenue collected in fiscal year 2022-2023. The total recommended budget for Fiscal year 2022-2023 is \$2,847,775.

The District services all 20 incorporated cities, as well as the unincorporated areas of Marion County and works in cooperation with Oregon State University Extension Service to bring important services and supports to local residents.

Budget Process:

Pursuant to Oregon law, the budget is received and approved by the Budget Committee consisting of the three members of the District governing body (Board of County Commissioners) and three citizen members. The District governing body appoints the citizen members to the Budget Committee. The Chair is selected from among the entire Budget Committee. Following approval of the budget by the Budget Committee, the District governing body will consider the budget for final adoption at a meeting before the end of the current fiscal year.

Budget Structure:

The District has prepared a performance based budget similar in structure to that of Marion County government. The information provided in this document represents how Marion County manages funds and services as per the intergovernmental Agreement with the Marion County Extension and 4-H Service District. The actual budget for the District is shown on Page 8 and is titled "2022-2023 Recommended Budget." Beyond the Recommended budget, the Budget Committee packet includes information on property taxes; economic indicator data; OSU Extension personnel detail, proposed budget, and organizational chart; as well as narrative on OSU Extensions positions and past volunteer engagement.

Significant Changes

The significant changes in the fiscal year 2022-2023 are:

- 1) Net Working Capital Resources has increased over 20%, due to anticipated cost savings in FY 2021-2022;
- 2) District's Contingency has increased by more than \$165,000;
- 3) Other Contracted Services includes financial support for the following:
 - a) \$50,000 for competitive soccer scholarships,

- b) \$50,000 for youth employment grants,
- c) \$80,000 for emerging opportunities; and
- 4) Ending Fund Balance for Capital has increased by more than \$161,600.

Operating Policies:

In accordance with the formation of the District, the Board of Commissioners has specified the purpose of the District is to build a stronger economy by fostering successful agriculture and forestry businesses; healthy youth and families; sustainable communities; and natural resources with education services including: applied research for farmers, family forest owners, and nursery growers to solve disease, insect, production, agri-tourism, and conservation challenge.

The recommended budget for FY 2022-2023 maintains the principles previously adopted, as well as adds some refinement on the types of education and services (*see italics below*) included in the coming year:

- a. Stabilizing funding for OSU Extension positions
- b. Establishing reserve funding for future capital and operational priorities
- c. Providing education and services to the public, including:
 - i. *water use needs within the agriculture community*
 - ii. *positive youth development opportunities*
 - iii. *supports for lower-income youth*
 - iv. *youth employment opportunities*

The District contracts with OSU Extension to provide staff and faculty who support volunteer-lead programs, such as 4-H, Master Gardener, Master Food Preserver, food safety, nutrition, Master Woodland Manager, Master Naturalist, and small farm development that are enjoyed by and available to Marion County residents. The District also contracts with other local contractors to provide positive youth development opportunities and to maintain District-funded operations.

Conclusion:

The establishment of the Marion County Extension and 4-H Service District serves as testament to the importance of the services and programs provided by Marion County OSU Extension and the District's commitment to the youth and adult citizens of Marion County.

Respectfully submitted,



Tamra Goettsch, Budget Officer
Marion County Extension and 4-H Service District

Marion County Extension and 4-H Service District 2022-2023 Recommended Budget Presentation Property Taxes and Debt Limitations

Property Taxes

The District will certify its permanent tax rate in the amount of \$0.05 per thousand dollars of assessed valuation for 2022-23. The total amount of property tax the District expects to levy on behalf of the Fund is \$1,446,542.95. Of this amount, the District expects to collect slightly more than 95 percent for a net of \$1,381,499.

Property Tax Limitations

In 1997, voters approved a constitutional amendment known as Ballot Measure 50. Ballot Measure 50 established a permanent tax rate limit for all local governments. The District's rate is \$0.05 per thousand of calculated assessed value.

Other limits were imposed by Ballot Measure 5, another constitutional amendment approved by Oregon voters. This measure limits all local governments to a combined total of \$10 per thousand of real market value.

Debt Limitations

The District has a general obligation bonded debt limit for financing service facilities set by Oregon Revised Statute (ORS) 451.545. The District has no bonded debt outstanding at this time.

Marion County Extension and 4-H Service District 2022-2023 Recommended Budget Presentation Economic Indicators Data

Median Home Sale Price in Marion County (Source: <https://www.zillow.com/marion-county-or/home-values/>)

Home prices across the nation continue to climb and Marion County's median home value is reflecting this as well. As of March 2022, the median home sale price is \$422,570.

Year/Month	Median Home Sale Price	Percent of Change
December 2017	\$246,000	
December 2018	\$271,000	<u>9%</u>
December 2019	\$293,000	<u>7.5%</u>
December 2020	\$323,000	<u>9.3%</u>
December 2021	\$409,000	<u>21%</u>
March 2022	\$422,570	

Marion County's Agriculture Profile (2017 is the newest data available)

Farm Information	2007	2012	2017
Number of Farms	2,670	2,567	2,761
Farm Acreage	307,647	286,194	288,671
Average Acreage	115	111	105

Farms by Size (2017)	Number of Farms
1 to 9 acres	1,148
10 to 49 acres	945
50 to 179 acres	353
180 to 499 acres	169
500 to 999 acres	84
1,000 acres or more	62

Farms by Value of Sales (2017)	Number of Farms
Less than \$2,500	1,273
\$2,500 to \$4,999	251
\$5,000 to \$9,999	283
\$10,000 to \$24,999	207
\$25,000 to \$49,999	168
\$50,000 to \$99,999	127
\$100,000 or more	455

Fund 605 MC Extension 4H Service District
FY 2022-2023 Recommended Budget - May 19, 2022
Department 85

	2019-20 Actual	2020-2021 Actual	2021-2022 Adopted	FY 22/23 Recommended Budget	%+/-
RESOURCES					
Taxes					
311100 Property Taxes Current Year	1,223,987	1,270,077	1,276,705.00	1,381,499.00	8.21%
311200 Property Taxes Prior Years	15,218	28,342	15,000.00	20,000.00	33.33%
311300 Prop Tax Interest Penalties	4,119	4,992	2,000.00	1,100.00	-45.00%
Total Taxes	1,243,324	1,303,410	1,293,705.00	1,402,599.00	8.42%
Intergovernmental State					
332010 Chapter 530 Forest Rehab	2,018	26,448	3,200.00	10,000.00	212.50%
Total Intergovernmental	2,018	26,448	3,200.00	10,000.00	212.50%
Interest					
361000 Investment Earnings -Operations	17,745	10,226	9,500.00	5,100.00	-46.32%
361000 Investment Earnings - Capital	5,915	3,246	3,000.00	1,600.00	-46.67%
Total Interest	23,660	13,471	12,500.00	6,700.00	-46.40%
Other Fund Transfers					
381999 Transfer from Other Funds (Operations)		(29,964)	(112,000.00)	(136,900.00)	22.23%
381999 Transfer from Other Funds (Reserves)		29,964	112,000.00	136,900.00	22.23%
Total Transfer	-	(0)	-	-	
Net Working Capital					
392000 Net Working Capital Unrestricted	538,562	691,750	752,046.00	914,796.00	21.64%
392000 Net Working Capital - Capital Reserve	360,875	366,790	403,315.00	513,680.00	27.36%
Total Net Working Capital	899,437	1,058,540	1,155,361.00	1,428,476.00	23.64%
TOTAL RESOURCES	2,168,439	2,401,870	2,464,766.00	2,847,775.00	15.54%
REQUIREMENTS					
Material and Services					
521190 Publications	315	294	1,000.00	1,000.00	0.00%
525150 Audit Services	4,250	4,370	4,245.00	4,500.00	6.01%
525185 Community Education Services	855,185	825,204	1,036,400.00	1,070,249.00	3.27%
525510 Legal Services	2,442	1,001	2,000.00	2,000.00	0.00%
525715 Advertising	134	-	300.00	300.00	0.00%
525930 Fair Events and Activities		17,000	17,000.00	17,000.00	0.00%
525999 Other Contracted Services		65,982	167,059.00	180,000.00	7.75%
525999 Contracted Svc Provided by MC	156,379	45,620	65,884.00	72,439.00	9.95%
527210 Building Rental Private	88,581	90,797	93,070.00	95,396.00	2.50%
528110 Liability Insurance Premiums	2,477	2,543	2,500.00	2,500.00	0.00%
529300 Dues and Memberships	135	-	516.00	516.00	0.00%
Total Material and Services	1,109,898	1,052,812	1,389,974.00	1,445,900.00	4.02%
Contingency					
571010 Contingency		-	71,477.00	236,875.00	231.40%
Total Contingency		-	71,477.00	236,875.00	231.40%
Ending Fund Balance					
573010 Unapprop. Ending Fund Balance	691,501	949,058	485,000.00	515,000.00	6.19%
573010 Unapprop. Ending Fund Bal. - Capital	366,790	400,000	518,315.00	650,000.00	25.41%
Total Ending Fund Balance	1,058,541	1,349,058	1,003,315.00	1,165,000.00	16.12%
TOTAL REQUIREMENTS	2,168,439	2,401,870	2,464,766.00	2,847,775.00	15.54%

In order to achieve the ending fund balance in Capital Reserve of \$650,000, a transfer of resources from Operations to Capital in the amount of \$136,900 is proposed

OSU EXTENSION SERVICES BUDGET AND PROGRAM DETAIL

**Marion County Extension & 4-H Service District
 FY 22-23 Proposed Budget
 OSU Extension Contracted Services**

	FY 20-21	FY 21-22	FY 22-23	+/-%
	ADOPTED	Adopted	PROPOSED	
CONTRACTED SERVICES				
Personnel (Wages & Benefits)	781,890	801,317	815,179	2%
Office, Operating, Instructional Supplies	11,000	11,000	11,000	0%
Minor Equipment (under \$5,000)	12,000	12,500	15,000	20%
Telecommunications	12,000	12,500	14,000	12%
Line & Network Access Charges	14,600	15,000	16,000	7%
Postage/Freight	3,300	3,500	3,500	0%
Utilities	1,500	1,500	1,500	0%
Building Equipment and Repairs	2,000	2,000	2,000	0%
Equipment Rental	1,200	1,200	1,500	25%
Other Professional Services	15,000	16,000	16,000	0%
Insurance, Licenses, Dues, Memberships	3,500	3,500	3,500	0%
Duplicating, Printing, Publishing	10,000	11,000	12,000	9%
Public Education Materials	5,000	5,500	5,500	0%
Advertising, public relations, hosting	7,500	7,500	8,000	7%
Travel and Professional Development	33,910	52,493	45,000	-14%
North Willamette Research & Extension Center	50,000	50,000	50,000	0%
Chemeketa CC Contract (Small Farm-Ranch Prog. Coord.)			55,000	100%
Total Costs	960,000	1,049,680	1,070,249	2%

Marion County Extension & 4-H Service District

FY 22-23 Budget

OSU Extension Contracted Services - Personnel Budget Detail

POSITION	NAME	DISTRICT	FTE	DISTRICT	FY 22-23
					DISTRICT
					BUDGET
4-H Club and Camp Coordinator, Professional Faculty	McCabe, Melanie		0.98		106,986
4-H School Enrichment Coordinator, Professional Faculty	Noack, Kelly		1.00		96,965
4-H Education Program Assistant 2	Thompson, Ryan		1.00		69,114
4-H Education Program Assistant 1	Coulter-Allen, Amy (new)		0.17		3,476
Small Farms Outreach Coordinator, Professional Faculty	White, Haley		0.33		32,965
Agritourism and Marketing, Professional Faculty	Comerford, Audrey		0.60		56,450
Field Crops, Professor of Practice, Marion/Clackamas	Pending		0.20		22,242
Groundwater Education Program Assistant	Lucas, Chrissy		0.10		10,386
Administrative Office Manager, Professional faculty	Chien, Mark		1.00		93,973
Front Office, Office Specialist 1	pending		0.50		29,101
Front Office, Office Specialist 2	Alvarez, Elvira		1.00		86,990
4-H Administrative Program Assistant	Tipton, Margi		1.00		92,418
Small Farms/Ranch-Ag Incubator Prog. Coord, Professor (see contracts)	Jessie Sanderock		n/a		-
Open Campus Juntos Program Outreach Coordinator	Reyes, Yuridia		0.26		25,000
Students/Interns	TBD		n/a		20,000
Community Horticulture-Food Safety Education Program Assistant 2	New Position - TBD		1.00		69,114
TOTALS					815,179



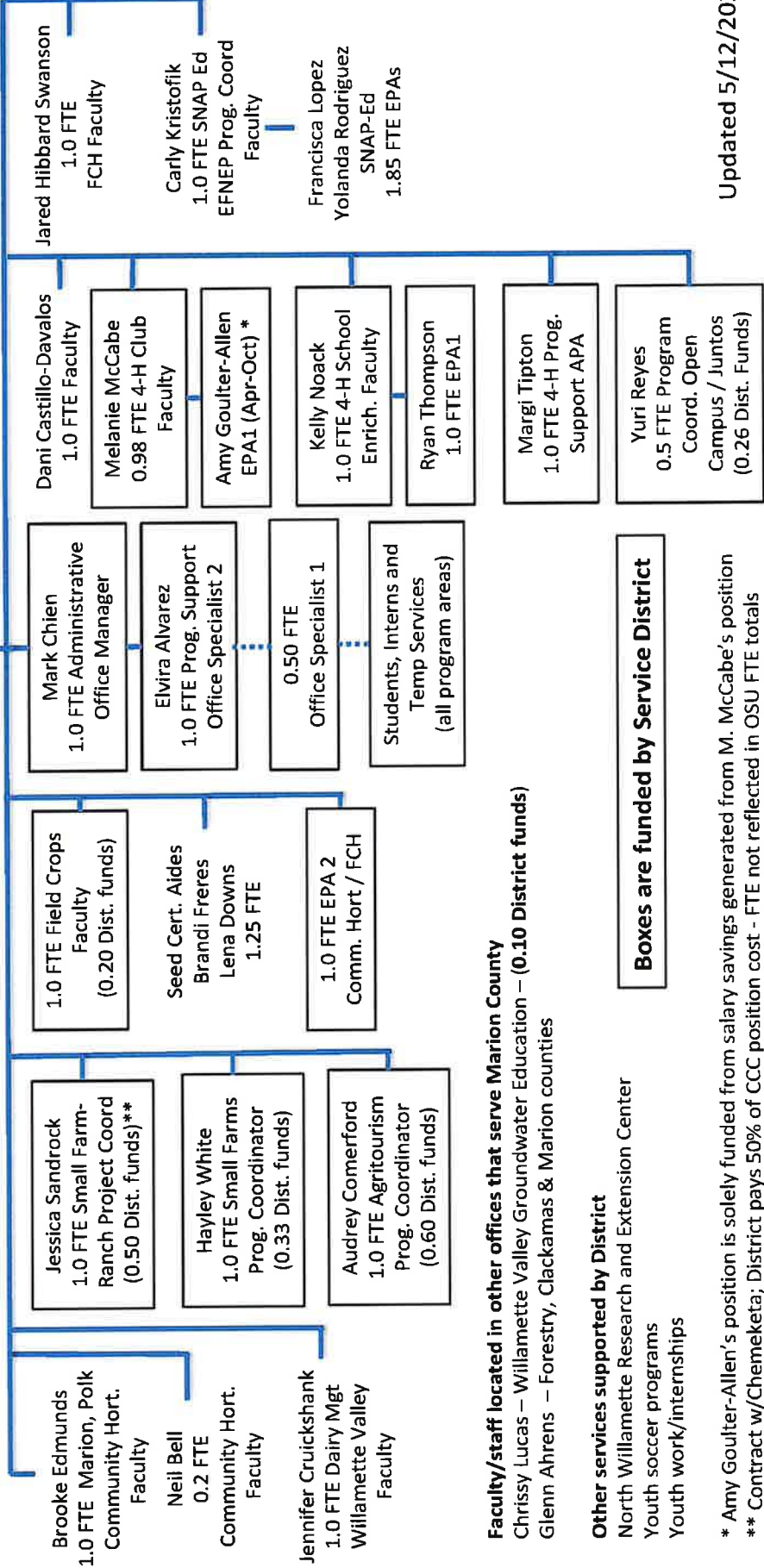
Oregon State University
Extension Service

Ivory W. Lyles
Vice Provost
Extension and
Engagement

Richard Riggs
1.0 Western
Regional Director

**Marion County, Proposed
Fiscal Year 2022-2023**

Agriculture & Natural Resources **Office Support & Admin** **Youth Development 4-H & Open Campus** **Family Community Health & SNAP Ed**



Faculty/staff located in other offices that serve Marion County
 Chrissy Lucas – Willamette Valley Groundwater Education – (0.10 District funds)
 Glenn Ahrens – Forestry, Clackamas & Marion counties

Other services supported by District
 North Willamette Research and Extension Center
 Youth soccer programs
 Youth work/internships

Boxes are funded by Service District

* Amy Goultier-Allen's position is solely funded from salary savings generated from M. McCabe's position
 ** Contract w/Chemeketa; District pays 50% of CCC position cost - FTE not reflected in OSU FTE totals

Updated 5/12/2022

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MARION COUNTY EXTENSION AND 4-H SERVICE DISTRICT FY 2022-23 Recommended Budget

OSU Extension Services Position & Program Update

Contact Name: Mark L Chien, Office Manager
Department: OSU Extension Service, Marion County

April 2022

The following is an update on OSU Extension positions, related programs and projects since the previous update in June 2021. The positions listed below are funded in part or in full with service district resources in the FY 2022-2023 Recommended Budget. Total proposed District FTE is 8.24.

1. **4-H Professional Faculty Traditional Programs** – Melanie McCabe manages and provides education to youth and adults in the traditional club program, Marion County Fair, various camps, and the statewide ambassador program. (0.98 FTE District) Additionally, Amy Goulter-Allen will provide support to McCabe for two months in the coming fiscal year.
2. **4-H Professional Faculty Non-Traditional Programs** – Since 2016, Kelly Noack has served as the 4-H Afterschool and Day Camps Outreach Coordinator. The purpose of this position is to reach underserved areas of the county and address priority needs pertaining to youth in these communities. She develops Junior Master Gardener programs that incorporate culinary and nutrition education in Mill City, Woodburn and Salem. She also serves as the Lead Coordinator for the Regional Farm to School Education Hub in Marion and Polk Counties. (1.0 FTE District)
3. **4-H Educational Program Assistant** – Ryan Thompson was hired in June 2021 and serves as an Educational Program Assistant to support the 4-H program. This position primarily works with the 4-H Outreach and Afterschool program to expand capacity for programming and to reach more youth. The position expanded to 1.0 FTE in FY21 to provide support for the 4-H youth development faculty. (1.0 FTE District)
4. **Small Farms Agriculture Education Program Coordinator** - Hayley White arrived in December 2020 as the Small Farms outreach coordinator position shared with Polk County Extension and Polk County SWCD. She provides coordination, outreach, and education for the Small Farms Extension Program in the two counties. She is part of a regional small farms team that will plan and facilitate workshops and workshop series throughout the year including Living on the Land, Rural Living Basics, and a variety of one-time workshops focused on local crops. (0.33 FTE District, 0.34 Polk County Extension, 0.33 Polk County Soil and Water Conservation District)
5. **Agritourism** – Since October 2019, Audrey Comerford has led Agritourism extension programming in Marion, Polk, and Yamhill counties, taking advantage of natural working relationships and developing agritourism opportunities in these three connected and interdependent counties. There are currently more than 100 farm businesses in Marion County conducting some type of agritourism effort, including the Marion County Farm Loop. This position is full-time 1.0 FTE and split between three counties. (0.60 FTE District, 0.20 FTE Polk, 0.20 FTE Yamhill).
6. **Field Crops** – Professor (Practice) – Currently vacant, the search process has begun for a replacement (anticipated June 2022). This is a fixed-term position (not tenure-track) and is partially funded by Marion and Clackamas counties with the remainder of funding provided by OSU Crop and Soil Science

Department. The field crops faculty provides applied research and extension education on field crops to growers in Marion County. (0.2 FTE District, 0.50 Clackamas County, 0.30 OSU)

7. **Groundwater Education Professional Faculty** - Chrissy Lucas-Woodruff delivers education programs on well water and septic system maintenance, testing and protection. She partners with the Marion Public Health and the Soil and Water Conservation District on events and has also served as a non-regulatory support person for people trying to meet DEQ standards. (0.10 FTE District)
8. **Small Farms/Beginning Farmer and Rancher Professor (Practice)** – This is a joint small farm-rancher position serving 0.50 Chemeketa and 0.50 FTE OSU Extension. The program coordinator will work collaboratively with OSU Extension small farms and agritourism teams, and the farm incubator program at Chemeketa. (This is a contractually supported employee and administered through Chemeketa. The district financially supports 0.50 FTE District, and 0.50 FTE is supported by Chemeketa CC)
9. **Yuridia Reyes** - Open Campus Outreach Coordinator - The Open Campus Program received a gift from the Ford Family Foundation to fund an open campus position in Marion and Polk counties for one year. The life of the gift may be extended for an additional year with matching funds. (0.25 FTE each from Marion and Polk County)
10. **Community Horticulture and Food Safety and Security Education Program Assistant 2 (Proposed)** - This position would support two key community service faculty in Marion County. Increased capacity will create more programs and services for the Master Gardener and Master Food Preservation programs. (1.0 FTE District)
11. **Faculty Assistants/Interns/Students** – Faculty assistants, students and/or interns will be funded to work on high priority projects in commercial agriculture, 4-H youth development, and family and community health programs. Projects must support Marion County and address a need that is not being funded by other organizations and grants.
12. The Service District supports **3.97 FTE in office staff personnel** including the office manager, office specialist 2, administrative program assistant, office specialist 1 (part-time - pending), and front office assistant (temporary).

Additional non-district funded faculty positions in Marion County Extension

13. **Dairy Management** – Jennifer Cruickshank started work June 2016. She serves about 94 dairies in the Willamette Valley including Marion County. She has conducted a needs assessment and delivers educational programs to new and experienced dairy farmers. Her innovative teaching methods include a life-size cow model that may be used to teach artificial insemination and calving. The District provides travel support.
14. **Family and Community Health Food Safety and Security Program Coordinator** – Jared Hibbard-Swanson was hired in May 2022 for this statewide FCH position. He is based in Marion County and will develop and implement this program across the state. This is an OSU funded position. The District provides travel support.
15. **Family and Community Health** – This is a multi-county position for Marion, Polk, and Yamhill counties and is currently vacant pending OSU funding. It provides wellness and nutrition education and outreach, including diet, physical activity, aging, families, organizations, and communities through informational, behavioral, and support strategies that promote safe and healthy choices.

16. **Forestry** – Glenn Ahrens, extension forester is based in Clackamas County and provides services to Marion County to address the county’s woodlands and fire management needs. The District provides travel support.
17. **Fire Program** – This position covers the Willamette Valley, including Marion County, and is currently vacant. It is part of a six-person statewide education and outreach extension team that fosters resiliency of communities and landscapes to wildfire at scale with regionally relevant management solutions. No District support.
18. **USDA Supplemental Nutrition Assistance Program – Education** – SNAP-Ed in Marion County is served by a full-time program coordinator, Carly Kristofik, and two part-time EPAs (Yolanda Rodriguez and Francis Lopez). They receive a small amount of travel funds from the District. SNAP-Ed provides garden, food, and nutrition education programs mostly to youth and families in underserved communities in Marion County. The District provides travel support.

2021 OSU EXTENSION VOLUNTEER & HOUR REPORT

Contact Name: Mark L Chien, Office Manager
Department: OSU Extension Service, Marion County

Note: Extension activities in 2021 were affected by Covid-19. Faculty pivoted programs from almost entirely in-person to online platforms including webinars, Zoom, Instagram and others. Volunteer activities were severely curtailed.

Part I: Written Narrative of Volunteer Accomplishments

Extension Programs with OSU Faculty Funded by the Service District

OSU Extension 4-H Youth Development: Traditional Programs (McCabe/Tipton)

4-H Youth Development relies on the volunteers to help our 4-H Staff (1.5 FTE) to reach youth in Marion County using researched-based information and positive youth development practices. 4-H volunteers work directly with youth engaging them in out-of-school time activities that promote positive youth development and learning. Each 4-H Volunteer Leader receives an introductory training in 4-H, Positive Youth Development and the Oregon 4-H Youth Thriving Model as well as yearly Child Protection Training. All volunteers receive additional trainings throughout the year and a criminal history check. At minimum, each 4-H Club volunteer donates 60 hours a year working directly with youth in Marion County.

Activities Include:

- The work of the 4-H Club members can be seen yearly during the Marion County Fair and at other outreach events throughout the year.
- At the Marion County Fair all youth were able to share their projects in person. Horse members were able to show their animal and 235 youth participated in livestock projects, 55 youth participated in the Horse project and 73 youth exhibited static exhibits, educational displays, and oral presentations.
- The 4-H Club program had 160 year-round volunteers and 495 youth that participated in year-round club programming. An officially chartered Marion County 4-H Club must meet at least SIX times annually, have at least five youths from three different families, and have at least two registered and trained volunteer club leaders.
- Short-term volunteers account for many more hours of service to Marion County.

OSU Extension 4-H Youth Development: After School and School Enrichment Programs, and Day Camps (Noack/Thompson)

The Marion County 4-H non-traditional programming includes community outreach and school partnerships across the county to offer both in-school and out-of-school positive youth development opportunities for many first-generation 4-H and underserved community members. Marion 4-H was served over 1,820 K-12 youth with intentional youth development programming (compared to over 5,000 pre-pandemic).

Youth education is provided by horticulture and forestry day-camps with local schools, service-learning and youth-led leadership projects, short-term youth programming, and youth and adult classes both in-person and virtual via Zoom, as well as classroom teacher-led 4-H classroom opportunities like embryology and take-home activities such as 4-H CENTRAL Magazine and "Healthy Celebration" agriculture activities during Grab-and-Go lunch at local schools.

Activities Included:

- Junior Master Gardeners (JMG) learn about horticulture, culinary arts, STEAM, nutrition, and physical activity from 4-H volunteer leaders, Marion County Master Gardeners, and community garden volunteer leaders. Volunteers are looped back into the Oregon Farm to School and School Garden Network for more resource and networking opportunities.
- 4-H and Marion County Supplemental Education Assistance Program – Education (SNAP-Ed) to deliver programs to Four Corners, Kennedy, and Santiam Elementary by partnering with classroom teachers to deliver resources and youth development programming as well as a 4-week summer day-camp for 88 K-5 youth in the Santiam Canyon affected by the wildfires, and the expansion of the Santiam school garden space to be used as an outdoor classroom for STEM education, as well as mental health and wellness activities.
- Outdoor Explorers is a partnership with school district teachers through after-school environmental clubs, field biology classrooms, and summer day-camps. Five separate day-camps were offered in partnership with the Salem-Keizer School District. Over 72 youth participated in over 175 hours of programming, including some for high school science credit. This unique partnership created an opportunity for youth to experience environmental education in an outdoor classroom with in-person career and college readiness exposure to field experts, such as the Marion Soil Water Conservation District, City of Salem, Detroit Forest Service, Zena Lumber, and OSU Extension. Youth traveled and completed citizen science activities in forestry that put them on a thriving trajectory towards a natural science or forestry career-related field.

More extension 4-H information at <https://beav.es/wJM>

OSU Open Campus Juntos Program (Reyes)

The OSU Juntos program arrived in Marion County in 2021. *Juntos* means “together” in Spanish, which reflects the program’s core values of engaging the entire family and school partners in the students’ educational goals. The program is designed to transform pathways to higher education for Latinx youth by bringing the families and educational institutions together. Juntos is unique among college access programs because it engages the entire family while minimizing barriers to participation. Juntos workshops and family nights are held at the local K-12 schools and administrators and teachers are encouraged to attend and participate. The culturally responsive programming is designed for 8-12th grade students and their families. This allows for earlier development of interest and motivation for college and encourages youth to maintain the necessary

Marion County’s largest ethnic minority is persons of Hispanic or Latino origin. Marion County has a lower percentage of students who earned a high school diploma, GED, or higher level degree than Polk County and the state. Between 76-80% of young adults graduated from high school in four years in this community. Marion had a smaller percent of people with a bachelor’s degree or higher (22%) than Polk (30%) and the state (31%). Juntos has or will establish programming in Central High School (Fall 2021), in Woodburn High School (Spring 2022), and Capaces Leadership Institute, TURNO (Winter 2022).

Activities Include:

- A six-week family workshop series
- Academic success coaching
- Family nights
- College visits
- Participation in clubs and summer camps

OSU Extension Small Farms: (White/Sandrock)

The Small Farms program improves the economic and environmental sustainability of small farms in Marion County by employing appropriate scale production and marketing techniques. The program works toward improving small farm horticultural production and small-scale livestock, poultry & forage production through a wide variety of classes, fostering farmer to farmer engagement and education, with the goal of improving stewardship, land management and conservation practices, and alternative and special marketing suited for small farm businesses.

Activities Include:

- 2-day “Oregon Olive School” with learning stations, speakers, and hands on demonstrations.
- 3–part webinar series *Biocontrol for the Farm* where small-scale farmers and land managers learned to incorporate biocontrol practices on their property by using their livestock, pollinators, plants, and wildlife to manage weeds and pests.
- 9 workshops including *How Much Should I Charge*, *Agricultural Drainage Channel Maintenance*, *Blueberry Pruning*, and *Regenerative Pasture Management*, and *Oregon Olive Production*.
- The monthly Small Farm Newsletter has 450 subscribers, and the Instagram page has grown to a total of 1,466 followers.
- 129 direct education contacts with Marion County residents.

OSU Extension Agritourism: (Comerford)

The OSU Extension Service agritourism program in Marion County fosters agriculture and tourism connections through researched-based knowledge and education and seeks to strengthen the understanding of agritourism and farm-direct sales to build financially viable farms, encourage sustainable practices and industry resilience through networks and educational resources.

Agritourism is a blend of the agriculture and tourism industries, and business practices that connect consumers with farmers, farmland, and farm products, usually at the farm. Agritourism benefits farmers, value-added producers, consumers, and communities by increasing resources for farms, value-added products, and operations, promoting farm viability and sustainability, luring long distance visitor travel to farms to look and learn, educating consumers about local farm products, and the positive social, economic, and environmental impact of farming.

Activities Include:

- The Marion Farm Loop - <https://marionfarmloop.com/> This project is a partnership between OSU Extension, Marion County GIS, and Oregon Agritourism Partnership that connects farmers and fosters social networking and tours/trainings within the group. The loop enables locals and visitors to reconnect with Marion County farms, find local products, and have safe and enjoyable farm experiences.
- Social media training with Travel Salem: *Facebook and Instagram Tips & Tricks for Farms Selling Direct-to-Consumer* drew 24 participants, plus 31 recording views.
- Agritourism needs assessment survey to direct future extension programs. Data is still being collected and analyzed.
- Marion County farmers will have access to an online agritourism course through OSU PACE that covers the basics on what farmers and ranchers need to consider before adding agritourism to their business model webinar/training materials and events, and one-on-one site consultation. Because of the number of farms interested in agritourism and farm-direct-sales and the support of the extension agritourism position, Marion County is one of eight counties offering these educational services.
- Provide one-on-one teaching contacts with Marion County farms using phone, email and in-person site visits.
- Committees that address regenerative tourism, COVID-19 pandemic recovery support, and local tourism efforts such as the North Marion Tourism Collaborative and the Chemeketa Community College Incubator Farm.

More extension agritourism information at <https://beav.es/wjY>

OSU Extension Field Crops (Verhoeven/Donovan)

The field crops program primarily serves large acreage commercial producers of grass seed, hops, legume and cover crop seed, oil seed, cereals, mint, and conducts applied research and delivers education on emerging pest issues and management practices. In Marion County the program has focused on two major crops, grass seed and hop

production, initiating over \$200,000 in grant-funded research projects directed at pressing field crop issues in Marion County and the Willamette Valley. Research areas include sod webworm in grass seed production, hop production nutrition, vole and nematode damage in seed crops, fall mowing practices in fescue, impact of straw removal, nitrogen applications in tall fescue, and conservation and productivity of perennial grass seed stands (pending).

Extension field crops delivers educational programming via large grower meetings, field days, presentations at regional industry events and through in-person sites visits, phone, and emails. The program regularly publishes Extension guides, factsheets, technical reports, and online resources, and delivers digital communications through a bi-monthly newsletter and Facebook page.

Activities Include:

- Organize, moderate and present at two webinar series (3 sessions each), reaching more than 1,100 clientele valley-wide (mostly producers and crop consultants).
- Provide timely research and management updates as well as ODA pesticide credits to Marion County growers.
- The Marion County program hosted a field tour in the Silverton hills focused on fine fescue production, which was attended by most fine fescue growers.
- Organize and lead a virtual workshop, *Taking Stock of Carbon in Willamette Valley Agriculture* to focus on what is known about carbon storage and carbon credits.
- Deliver 12 presentations at a combination of private and public regional and local meetings.
- Verhoeven and the mid-valley program submitted one academic journal article, published 2 technical articles, edited chapters in the Pacific Northwest Pest Management Handbook, and helped revise an Extension publication, 'Fertilizing with Biosoils' in 2021. Beyond these accomplishments, the mid-valley field program regularly fields questions from grower and the agricultural industry and conducts field visits, this has all continued during 2021.

Currently over 60% of Oregon's fine fescue seed production is in the Silverton Hills in Marion and Linn Counties. Fine fescue crops are generally harvested for 3-5 years and are commonly rotated with other field crops such as perennial ryegrass, meadowfoam, clovers, and cereals. Historically, grass seed farmers have been able to produce highly dependable fine fescue seed yields in part due to the ability to practice open-field burning after harvest. While growers have faced restrictions in recent years, open-field burning is still an important practice for reducing post-harvest residue, recycling nutrients, and managing unwanted pests in fine fescue crops. However, new non-thermal practices, that maintain high seed yields, need to be developed as future field-burning regulations are possible and nearby wildfires have become more common. The effects of spring nitrogen and plant growth regulators were evaluated in two cultivars of strong creeping red fescue, over a 3-year period (2018-2021) in large-scale field trials near Silverton and Sublimity. These trials were located on commercial grass seed fields and designed with input from the grower cooperators who were involved in the studies. The results of this work indicate that that the optimum spring nitrogen rate to use in non-thermal production fields should be limited to 40 lbs N/acre, regardless of the subspecies or cultivar. Fine fescue seed growers are now equipped with scientific data that will help guide them in making management decisions in fields where open-field burning is not an option.

OSU Extension Groundwater Education Program (Lucas-Woodruff)

The Well Water Program is to help Oregonians protect the groundwater that supplies their drinking water through education. Small Farms offers educational programs that help new and prospective small farmers to learn the ins and outs of small-scale agriculture and business.

Activities Include:

- Serve on Technical Review Committee for the North Santiam Sewer Authority developing plans and identifying potential issues in the area. Portions of the project area were burned in the Beachie Creek fire increasing the pace and available funds needed to rebuild the canyon.
- Answer questions from city leaders and community members in the Santiam Canyon area about failing septic systems potential impact on community health, and ground/surface water quality.
- Lead *Rural Living Basics: Living with your well and septic system*, a two-hour class converted to a webinar format had over 200 residents mostly from the mid and south Willamette valley.
- Marion County Extension office offers nitrate screening as a public service. Residents bring in a water sample and are provided a results sheet that includes interpretation of results, and other testing that should be done that could impact their family's health and contact information.
- Groundwater protection education program offers free nitrate screenings at community events. 110 individual contacts and 78 screenings occurred at the Stayton Farmers Market, Aumsville Market, and Independence Saturday Market.
- *Living on the Land* is a four-class series for landowners new to managing small-acreage farms and properties. It covers weed management, managing natural resources and soil health, pasture and grazing management, and understanding your surface and well water and septic system. Eight Marion County landowners/residents participated.

More extension well water information at <https://wellwater.oregonstate.edu/>

The following programs receive District funding for travel and supplies; however, their FTE are supported by other resources.

OSU Extension Service Master Gardeners (Edmunds*)

The OSU Extension Service Master Gardener program in Marion County trained 45 class members in 2021 and graduated 12 of these members. These class members and an additional 136 veteran Master Gardeners (MG's) volunteered a total of 6,919 hours of community service in the county in 2020. MG volunteers staffed the Plant Clinic in the Extension office through mid-March. During the pandemic the MG's continued to offer diagnostic service remotely through their MG Association webpage. The volunteers also contributed a weekly radio program through mid-March on Thursday morning on KBZY 1490 radio in Salem and continue to do so remotely. The Master Gardeners continue to develop the Marion Garden, their 1.75 acre demonstration garden behind the Extension office. Development and management of the Garden is entirely supported by MG-generated funds. The Garden was utilized for public workshops on 8 occasions through mid-March, including topics like tree fruit and berry pruning. The Garden re-opened for activity in June and has been receiving regular maintenance in preparation for 2021 activities.

OSU Extension Service Family & Community Health

Master Food Preservers, trained and then re-certified annually through OSU Extension Service, provide education to the community about safe food preservation practices. After completing the required trainings, Master Food Preservers give back by volunteering in the community, passing their knowledge onto local food preservers. These learned skills help food preservers avoid serious illness and reduce food waste. While in-person events were limited this year, community questions about home food preservation were in abundance. In addition to answering phone and email food preservation questions, Master Food Preservers tested some new food preservation recipes and products from leading brands, sharing their results with the community online. Other activities include testing pressure gauges (almost 100 tested in 2021), staffing booths (limited time at the beginning of the year), teaching food preservation classes, nutrition, and cooking classes. Master Food Preservers partnered with 4-H and SNAP-Ed to teach a series of online food preservation and cooking classes to youth in the community in the fall.

OSU Extension Dairy Management (Cruickshank*)

The Extension Dairy Management program works with Willamette Valley dairies of all scales and other industry stakeholders to increase the sustainability of dairy enterprises on the environmental, economic, welfare, and social fronts.

Dairy Projects

- Delivering PPE to dairies in Marion County and elsewhere during the pandemic
- Assisting with coordination of livestock displaced by wildfire at the state fairgrounds in Salem.
- Coordinating donated hay acquisition, transportation, storage, and distribution to livestock owners affected by wildfires
- Ongoing research at the OSU Dairy on the efficacy of using lasers to deter bird pests
- Analysis of photo data to examine how environmental factors affect cow behavior
- Collaboration with on-campus colleagues exploring feeding spent hemp biomass (byproduct of CBD extraction) to dairy cattle

Outreach activities

- Accompanying groups of nutrition students and professionals on virtual tours organized by the Oregon Dairy and Nutrition Council and providing science-based information about dairy production practices and Oregon's dairy industry
- Relaying practical research findings, program announcements, and resource links via Dairy Bearing, the OSU Dairy Extension blog. Posts in September included a frequently updated and a detailed list of locations taking in livestock displaced by wildfires.

OSU Extension Forestry (Ahrens*)

Family forest owners and Christmas tree growers in Marion County are primary clients for the Forestry and Natural Resources program that serves about 3,500 woodland owners with 83,000 acres. To promote successful tree and forest management across a wide range of needs, Extension Forestry education included classes, workshops, publications, and individual consultations in-person by e-mail, phone, and field visits. Priority issues for clients included forest damage and reforestation concerns related to fire, ice, and the heat wave. OSU Extension Forestry has worked collaboratively with OSU Extension Fire Program (mid-valley) to address needs of land and homeowners in Marion County.

Using District funds, extension forestry, North Santiam Watershed Council, and Oregon Department of Forestry (ODF) worked together on reforestation assistance for landowners needing tree seedlings, forestry services, technical advice, and referrals. About 100 landowners signed up for ongoing assistance along with a high volume of short-term client consultations.

Activities Included:

Tree School Online: 15 webinars with 25 instructors and 932 students plus 2,179 views on YouTube

- 11 webinars and two local meetings covering Fire Preparedness and Resources
- Post fire and ice storm response with ODF and other Marion County agencies including education and consultation
- Provide damage assessment to trees and planning for timber salvage harvest and reforestation

More extension forestry information at <https://beav.es/wJQ>

Number of Volunteers/Hours Contributed

Name of Volunteer Program or Advisory Board	Type of Volunteers (Volunteer, Intern, Board Member, VISTA, etc....)	Number of Volunteers	Number of Hours Served
Master Gardener Program	Volunteer	198	5,307
Family Community Health	Interns and Students	3	1,600
4-H Youth Development	Volunteers and Leader	274	5,274
Agriculture	Interns, students	8	390
TOTAL OSU Extension Volunteers		483	12,571