

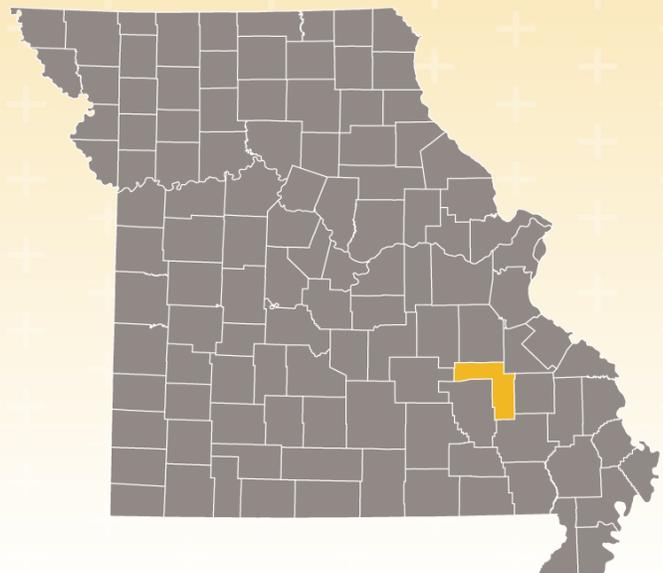


UNIVERSITY OF MISSOURI EXTENSION

Iron County

2019 ANNUAL REPORT

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**Office of Extension
and Engagement**
University of Missouri

**OFFICE OF THE VICE CHANCELLOR
FOR EXTENSION AND ENGAGEMENT**

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December 5, 2019

Dear county commissioners and friends of MU Extension,

I had the good fortune to catch up with some of you this past fall as I traveled the state to share the University of Missouri's Extension and Engagement vision and plan for the coming years. What a pleasure it is to serve this state we call home.

As you know, we've listened closely to Missourians' needs, restructuring our faculty and program delivery to better serve people and communities. With this reset nearly complete, we're better positioned to work together to strengthen our state's economy, increase Missourians' access to meaningful education and workforce development options, and improve our citizens' health and well-being.

MU Chancellor Alex Cartwright often calls us the University *for* Missouri. In very real terms this means that MU Extension is leading efforts to connect the university's powerful research, knowledge and science-based information with our state's diverse needs and local efforts to address them.

Whether you're a farmer researching the latest profitable grazing practices, a 4-H leader developing after-school robotics programs with local schools, or a community leader helping people formerly addicted to opioids return to productive work, you deserve the very best MU Extension and university engagement efforts have to give. As a comprehensive university, we can be uniquely responsive. We have schools of medicine, nursing and health professions, for instance, to support health care in rural communities, a law school clinic that helps veterans qualify for the benefits they deserve. MU education students become the teachers who enrich children's lives in nearly every school district in the state. We are here for you and with you.

Together, we can make lasting impacts. That's why in this new year we are focused on growing and leveraging local partnerships, expertise and resources. With 110 of 115 county engagement specialist positions filled — and renewed focus on responsive program development — we are ready to go.

As the first public university west of the Mississippi River, our land-grant roots run deep through Missouri's heritage and history. They help chart our future, too: What can we do to make our state better? How can we think and do different?

I know you will be proud to see your own communities' successes in the pages of this year's county annual report. On behalf of all of us at MU Extension, I look forward to your thoughts on how we can best lead, serve and grow through the year ahead.

Sincerely,

A handwritten signature in black ink that reads "Marshall Stewart".

Marshall Stewart

Council Members and Engagement

Iron County Extension Council

Denise Anderson, Treasurer
Ruston Blaty
Monique Browers
Dan Froneyberger
Margo Gilmore
Barb Graham
Raymond Harr
Beth Havelka
Laura Marquis
Lesla Mason
Michele Swane, Secretary
Johnny Underwood, Vice Chair
Kenny Wooten, Chairman

Iron County Commissioners

Jim Scaggs, Presiding Commissioner
Dwayne Warncke, Assoc. Commissioner
Joshua Campbell, Assoc. Commissioner



Century Farm

The Missouri Century Farm program, administered by University of Missouri Extension, awards certificates to persons owning farms that had been in the same family for 100 years or more. The line of ownership from the original settler or buyer may be through children, grandchildren, siblings, nieces or nephews, including through marriage or adoption. The present farm shall consist of no less than 40 acres of the original land and shall make a financial contribution to the overall farm income. If you know of a farm in Iron County that qualifies for this prestigious honor, please let us know.

State Fair Farm Family



The Iron County Extension Council selected the Jones family of Ironton as Iron County's 2019 Farm Family. Trent and Robyn Jones were honored in August at the Missouri State Fair Farm Family Day. Each year the fair sets aside a day to recognize farm families from across the state who are active in their communities, involved in agriculture, and/or participate in local outreach and extension programs such. The event highlights the impact Missouri Farm Families have on the economy and heritage of the state.

Leaders Honor Roll

The Leaders Honor Roll program is intended to honor outstanding University of Missouri Extension community leaders who have excelled in supporting programs. Extension staff select recipients based on community leadership efforts that support the University of Extension Strategic Direction and program priorities. In 2019, two 4-H volunteers, Ted Pryor and Carrie Boyer were selected. Ted Pryor and Carrie Boyer were selected for their hard work and dedication in establishing a new 4-H club in the Viburnum area. Both are founding members of the club and serve in officer roles as well as project leaders for the youth of Viburnum.



Educational Excellence



Brad Coleman is the County Engagement Specialist in 4-H Youth Development for Iron County.



Brad has been working to build relationships and partnerships with the major stakeholders of our county. Brad serves as the Soil and Water Board secretary and is on the Emergency Preparedness Committee, the Long Term Recovery Committee, the Iron County Health

Coalition and the Iron County Chamber of Commerce. He has been trained to provide evaluations of 21st Century grant schools and the afterschool programs they offer. Already in existence at the Arcadia Valley School District, Brad is working to encourage and help write 21st Century grants in Viburnum, Belleview and Annapolis. The goal is to partner with those schools to offer 4-H curriculum and programming in after school programs that benefit all youth.

Brad has been meeting with school officials and student groups to expand 4-H programs in Iron County as well as Iron and Reynolds counties. He has had organizational meetings at Arcadia Valley, Belleview and Viburnum. Brad has worked at open houses in the Arcadia Valley School District, the Belleview School District and the Iron County C-4 School District. He created the second 4-H Club in Iron County called the Viburnum Blue Jays 4-H Club in December of 2018 and has recently created the a third club called the Belleview Braves 4-H Club in Belleview. Once again, Iron County has seen double digit increases in the number of youth and parent volunteers served in 4-H clubs. Brad has also worked with implementing after school programming in 4-H projects. The Arcadia Valley After School 4-H Club will be newly established in February of this year. Brad will continue to work with the

schools in our county to increase awareness about 4-H and the curriculum it has to offer to help members learn life skills such as leadership, citizenship, responsibility, teamwork and community service.

As our County Engagement Specialist, Brad is our direct link to the University of Missouri system and all that the University of Missouri Extension has to offer. New programming has been brought to Iron County including a Matter of Balance class for senior citizens in Annapolis and a gardening class at Arcadia Valley. The Focus on Kids online program is now being used by the 42nd Judicial Circuit Court in Iron County. Brad has presented programs in the Iron County C-4 School District on College and Career Readiness and Personal Finance. He has presented workshops on University of Missouri Extension programs for the faculty and staff of Iron County C-4, Fredericktown and Marquand as well as presentations to all school superintendents in Iron County and the city councils of Ironton and Pilot Knob.

In year 2020, Brad is excited to be bringing University of Missouri Extension programs such as a Matter of Balance and Alzheimer's and Dementia Workshops to Ironton, a Kinship Care program and Mental Health First Aid to the Arcadia Valley School District, an Herbs class to Ironton, a Master Gardener program and a Grazing School program for the county. His goals are to continue to work with schools, community groups and civic organizations throughout the county to provide services that will be beneficial to the citizens of the county, especially our county youth. You can contact Brad at our office, by email at colemanlb@missouri.edu or by phone at 573-546-7515 or 573-747-9253.



Iron County Highlights

As the birthplace of 4-H in Missouri, Iron County is proud to offer the youth of our area 4-H programs that are engaging, relevant and provide our youth with the knowledge and skills to be successful in the future.



Iron County now has three 4-H clubs, the Viburnum Blue Jays 4-H Club, the Iron County 4-H Club, and the Belleview Braves 4-H Club. Currently, there are 58 enrolled 4-H youth members and 31 trained 4-H parent volunteers. An additional 134 youth are served in the 4-H after school program at Arcadia Valley.

Iron County 4-H clubs offer long-term educational experiences in which members learn life skills such as leadership, citizenship, responsibility, teamwork, and community service under the guidance of trained adult volunteers. Our 4-H clubs are co-ed and open to everyone ages 5-18 so the whole family can be involved. Our project-based learning teaches youth life skills like goal setting while they pursue what interests them. Our 4-H'ers connect to the University of Missouri for hands-on learning and leadership events on campus. Participation in 4-H activities encourages skills such as wise use of resources, decision-making, goal setting, marketable skills and self-motivation. We are creating youth who care about and contribute to the economic vitality of the entire community.

Iron County 4-H members learn by doing under the guidance of adult volunteers, who teach projects ranging from computer science and arts to animal science and healthy living. Clubs also involve youth in community service, camping and educational trips. Our most popular project areas are dog obedience and shooting sports.

How does our 4-H programs make Iron County and Missouri better? 4-H is growing future scientists. 4-H members are three times more likely to go into science related careers than similar peers are. Studies show that youth in programs like 4-H are 70% more likely to attend college, increasing their earning potential by over \$2 million over their lifetime. Communities reap long-term benefits when they support 4-H clubs. Youth engaged in the program are 60% more likely to vote than their non-engaged peers are. In addition, 4-H youth are more likely to volunteer and contribute to their communities.



 4-H GROWS HERE

Economic Opportunity

Crop and Forage Production – Multiple counties

Three hundred seventy-two (372) participants from multiple counties and surrounding states attended four regional commodity meetings that specifically addressed corn, soybeans, cotton and rice during 2019. Overall, when asked to provide feedback on speakers and knowledge gained on a scale of 1 to 10 with 10 being most useful to their operation or business, presentations averaged 8.0. The meetings goals included assisting Missouri producers to improve their management systems in order to remain economically competitive and to adapt practices that will minimize their impact on the environment. The research-based information presented was to assist producers to improve all aspects of their crop management over a diverse range of crops, soils, farm sizes, and crop management options.



In addition to specific meetings, six hundred forty-five (645) participants were educated on crop and forage production through one-on-one interaction via field visits, Phone calls, walk-ins, correspondence (print and electronic) and lab services across multiple counties. There were one thousand thirty (1030) soil tests evaluated across the assigned counties of Cape Girardeau (481), Perry (231), Bollinger (164), Madison (107) and Iron (47), as well as, forage tests, disease diagnostics and nematodes tests. This educational approach is critical to providing research based information and expertise to individuals when and where they need it. In return, participants remain engaged in learning and making changes based on information provided.



Business Development: Richard Proffer

SBTDC business development specialists use their expertise to help Missouri businesses with critical business development issues. Guidance addressing

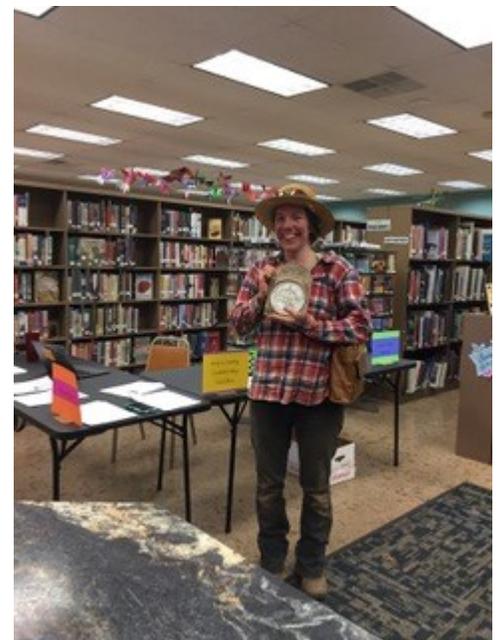
topics such as management, marketing and strategic planning is available for new and existing businesses. All counseling is confidential; many services are available at no charge (subsidized by our funding partners). For personalized help exploring ideas or growing your business, contact a MO SBTDC counselor

Number of Iron County residents served	15 clients 6 male/female owned business 3 male owned businesses 6 women owned businesses
Individualized Counseling in 2018	19 hours of individualized counseling
What Did They Learn?	Start Up Assistance Managing a Business Business Plan Writing Managing Employees Marketing/Sales Human Resources

How Does This Work Make Iron County and Missouri Better?	By helping our county residents become more business minded and aware, we were able to expand the local economy through job creation, capital infusion and able to compete for more small business contracts with the state and federal governments. These actions increased the awareness of our state and federal legislators about the program and will aid in program funding.
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Iron County Highlights

Annual Seed Swap



Healthy Futures

FAMILY NUTRITION PROGRAM (FNP) IRON COUNTY

Number of Iron County Learners	Total Hours of Collective Workshop Participation in 2019	What Did They Learn?	What Action Did They Take?	How Does This Work Make Iron County and Missouri Better?
<p>University of Missouri Extension's Family Nutrition Program (FNP) reached 729 participants in Iron County during 2019. Of that number, 442 were direct and 287 indirect nutrition education. A significant percentage of these participants were low income. FNP provides information on nutrition, food safety, gardening, and physical activity for lifelong health and fitness by working with qualifying schools, community groups and agencies.</p>	<p>547 collective workshop hours.</p>	<p>Youth from Pre-school to 12th grade learned through kid-friendly, hands-on lessons and activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. Education for adults also included nutrition, food safety, and physical activity, as well as food resource management.</p>	<p>Nutrition Program Associates (NPA's) teach in schools and other grant eligible locations in the county to help them make healthier choices and build healthy habits. Also, through indirect teaching as well as health fairs or other one time workshops, they impact many people that they are unable to actually see in a classroom setting.</p>	<p>The Family Nutrition Program (FNP) brought \$9,595,006.00 federal funds to the state of Missouri. These funds were used to provide nutrition education to 897,375 Supplemental Nutrition Assistance Program recipients and eligible citizens of Missouri. There were 3,283,220 educational contacts. This year we had 2,578,418 indirect educational contacts. Indirect contacts are reached through newsletters, health fairs, food pantries and the Show Me Nutrition help line. 729 of these participants reside in Iron County.</p> <p>Participants in FNP become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase their physical activity and in general make healthier food choices. Those who practice healthy eating and activity behaviors are more likely to enjoy a high quality of life as an adult and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important programming effort serves to reduce healthcare costs over the participant's lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.</p>

Emergency Preparedness Fair

<p>Participants in Iron County</p>	<p>250 guests</p>
<p>Total Hours of Participation</p>	<p>500 hours of collective educational demonstration and interactive learning!</p>
<p>What Did They Learn?</p>   	<p>Missouri State Park Rangers with Child Safety Kits Community Emergency Response Team (CERT) Trailer and Information Pilot Knob Fire Department “Jaws of Life” Demonstration (car provided by Custom Auto Service) Eastern Ozarks Amateur Radio Club Civil Air Patrol Iron County Medical Center Ameren Missouri American Red Cross DNR Environmental Super Truck Boy Scout Troop 403 Farm Bureau Insurance Iron County Emergency Command Post and Generator Iron County Sheriff’s Office AIR EVAC LIFE TEAM Iron County Ambulance District Federal Forest Service Fire Truck Sgt. Steele – Army Surplus Demonstration – Mineral Area Search and Rescue Dogs Community Emergency Response Team – Cribbing/Shoring Demonstration Jaws of Life Lost in Woods Video Law Enforcement Training Institute – Sgt. Schwartze – Self-Defense Jared Maples – NOAA NWS – Tornado Machine “Emergency Preparedness for Kids” presented by Rebecca Blocker, University Extension Specialist “First Aid” presented by RN Steve Creek from Iron County Medical Center “Earthquake” presented by Steve Vogt, Civil Air Patrol, ARRL East Ozarks Amateur Radio Club, Bonne Terre Airport Facility Manager Family Center Extension Information Booth – Emergency Preparedness Information, Scavenger Hunt for Kids, Door Prizes</p>
<p>How Does This Work Make Iron County and Missouri Better?</p>	<p>Preparing for emergencies has proven to mitigate losses and for citizens to get back to their daily lives when disaster strikes.</p>



Extension
University of Missouri

Iron County Highlights



Iron County 4-H Outdoor Adventures

DID YOU KNOW? VOLUNTEERS MAKE A DIFFERENCE! 4-H members in Iron County were supported by volunteers. Valuing time at \$25.43 per hour, Iron County 4-H volunteer contributions had a value of \$78,833 for the county in 2019.



Viburnum BlueJays donating socks to middle school students. Tatumn showing her cow at the fair.

DID YOU KNOW? Iron County has 4-H Clubs in Belleview, Ironton, and Viburnum and an after school program at Arcadia Valley.



*Iron County Dog Show
Iron County Christmas Parade Float*

DID YOU KNOW? Iron County 4-H members have provided community service through cleaning parks, donating socks and cleaning the community gardens.



Iron County 4-H members completing projects and competing at the state archery contest.

Iron County Extension Faculty and Staff

Brad Coleman County Engagement Specialist in 4-H Youth

Elaine Willhite Office Manager

County Triad Extension Faculty and Staff Serving Iron County

Brad Coleman ... Iron County Engagement Specialist in 4-H Youth

Ashley Bales..... Madison County Engagement Specialist in Community Economic Development

Shanna Sorg..... Reynolds County Engagement Specialist in

Other Faculty serving Iron County

Donna Aufdenberg..... Horticulture Specialist

John Fuller Human Development Specialist

Richard Proffer..... Business Development Specialist

George Anthony Ohmes..... Agronomy Field Specialist

Sarah Havens Natural Resources Field Specialist

Kendra Graham..... Livestock Field Specialist

Nancy Keim Regional Coordinator of Food and Nutrition

2019 Iron County University of Missouri Extension Council Appropriations Budget

Income

County Appropriations	\$28,200
Balance Transfer	\$ 88
Total Income	\$28,288

Expenses

Salary	\$21,756
Payroll Expense	\$ 2,624
Travel	\$ 244
Communications	\$ 1,181
Office Supplies	\$ 304
Insurance	\$ 719
Election Expense	\$ 55
Repairs/Maintenance	\$ 458
Equipment	\$ 468
Total Expenses	\$27,840

MU Extension is a unique funding partnership.

Extension funding is a three-way partnership of federal, state and county government. Federal and state money, through the University of Missouri system, pay professional staff salaries, training costs, computers and communication equipment. County funds support the local office, secretarial and youth assistant salaries, staff mileage and council expenses.

The Iron County Extension Council, faculty and staff would like to express our appreciation to the Iron County Commissioners for their continued support of extension programs.



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