



UNIVERSITY OF MISSOURI EXTENSION

Grundy County

2018 ANNUAL REPORT



**VICE CHANCELLOR'S OFFICE**

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December 4, 2017

Dear County Commissioners and Friends of MU Extension:

For much of the past year, MU Extension was focused on a long-overdue assessment of statewide needs and a deep look at how we respond to these needs with programs and resources.

We crisscrossed the state to gather input from 42 community conversations with 1,200 people and reviewed analysis and recommendations from a range of external experts. As a result, MU Extension is working on a variety of changes in the interest of providing better university engagement with your communities.

We are steadfast in our resolve to help local communities and the state meet grand challenges associated with economic opportunity, educational excellence and healthy futures. These challenges reflect what Missourians from every corner of the state told us they were most concerned about.

As you read your county's annual MU Extension report, I believe you will be pleased to see the results that have been accomplished through county-based University of Missouri faculty. These faculty members work in response to input received from local extension councils.

At the state level, local MU Extension efforts really add up. Though we have long known extension funds were leveraged, an independent review revealed that MU Extension created more than \$945 million dollars of public value from the \$80 million it received from federal, state, county, grant and contract partners. A public value ratio exceeding 11:1 even surprised us.

As we go about implementing changes based on the recently completed needs assessment and review of our organization, I am confident that our ability to create value at the local level will be even greater.

I encourage you to read the attached annual report from your MU Extension county center to gain an understanding of how MU Extension has worked this past year to serve your community.

Your support of MU Extension and your efforts in your community is greatly appreciated. As always, I welcome input on how the University of Missouri can better serve your community and its people.

Sincerely,

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

Marshall Stewart, Ed.D.

Vice Chancellor for Extension and Engagement

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GRUNDY COUNTY OFFICE

700 Main, Ste. 2
Trenton, MO 64683
PHONE: (660) 359-4040 x.8



February 2, 2018

Greetings,

The Extension Council, office staff, county program director and I would like to thank you for your continued generous support of the University of Missouri Extension’s programming in Grundy County. Due to our partnership, we have been able to bring more programming and activities that address the needs and priorities to the people of this county. Without your support, we could not have done the great work documented in this report.

In 2017, we held programs in financial education, youth leadership and development, nutrition, family relationships, horticulture, community development, rural safety and more.

The Water Festival held at Barton Farms hosted over 100 fifth graders from the county. These students learned state competencies in science focusing on water and soil stewardship. We strongly believe this experience will make them more aware of the impact their action has on our environment. We also provided a safety program for third and fourth graders at Rissler Elementary School.

Our office is also busy with ‘pesticide applicator license’ renewals, pressure cooker lid checks, soil tests, proctoring tests for the High School Equivalency program, and hosting interns from Experience Works program. Because our office is an entrance to the courthouse, we make many connections with people trying to find their way.

Grundy County continues to play host to the 4-H summer camp at Crowder State Park. The two weeks of camp fill quickly and are the highlight of the summer for many. The 4-H program offers our youth a long-term experience that creates opportunities for them to be valued contributing members of the community.

The upcoming year is sure to bring some new changes. We look to embrace these changes and maximize the impact Extension has on the lives of our citizens. Please feel free to call the office with needs, suggestions or more information about University of Missouri Extension.

Sincerely,

Blake Baugher

Teri Batson

Meridith Berry

Council Chair

Council Secretary

County Program Director

University of Missouri, Lincoln University, U.S. Department of Agriculture and Local Extension Councils Cooperating

EQUAL OPPORTUNITY/ADA INSTITUTIONS

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Who we are

Grundy County Extension Council

Blake Baugher - Chair
 Carl Woodard – Vice Chair
 Teri Batson - Secretary
 Dorothy Allnutt -Treasurer
 Glenn Briggs
 Joe Brinser
 Kasey Doolittle
 Cassie Gilworth
 Phillip Ray
 Scott Roy
 Tommy Wright

Grundy County faculty and staff

Meridith Berry
 Family Financial Education Specialist
 County Program Director

Tyler Hall
 Nutrition and Health Education Specialist

April Meighen
 Youth Program Associate

Vickie Pash
 County Office Manager

Lynna Cagle

Staff serving Grundy County, (based in other counties)

Timothy Baker
 Horticulture Specialist, Daviess County

Meghaan Binkley-Hopper
 Business Development

James J.W. Crawford
 Natural Resource Engineering Specialist, Atchison County

Penny L Crawford
 Regional Coord. FNP

Micah Doty
 Nutrition Program Associate, Harrison County

Connie Griffith
 FNP Program Manager

Joseph Koenen
 Agriculture Business Specialist, Putnum Country

Andy Luke
 Agronomy Specialist, Harrison County

Tracy Marlo-Daugherty
 Community Development Specialist, Linn County

Tracy Minnis
 Nutrition Program Associate, Livingston County

Jenna Monnig
 Livestock Specialist, Mercer County

Grundy County Commissioners



Joe Brinser
Rick Hull – Presiding Commissioner
Don Sager

State legislators

Dan Hegeman
 Senator –MO General Assembly

Rusty Black
 Representative - MO General Assembly

About us

**Location: Grundy County Court House – Bottom Floor
 700 Main
 Trenton, MO 64683**

Hours: 8:30-3:30
 Closed 12-1 daily and on courthouse holidays

Contact info:

Phone: 660-359-4040 x.8
 Website: extension.missouri.edu/Grundy
 Facebook: <https://www.facebook.com/GrundyCountyMO/>

2017 Grundy County University of Missouri Extension Council operating budget

	Jan - Dec 17
Income	
0210 · County Appropriations	17,689.48
0310 · Endowment Income	4,000.00
Total 0900 · Resales/Educ Services Fees	1,416.75
1300 · Miscellaneous Income	6.99
1600 Balance Transfer	3,591.02
Total Income	26,704.24
Gross Profit	26,704.24
Expense	
2700 · Persnnl Serv - Salaries & Wag	19,732.13
2800 · Payroll Expenses	2,931.93
3100 · Travel	1,316.06
3600 · Postage	191.20
3900 · Advertising	69.80
5100 · Supplies/Services	822.63
5600 · Professional Services	105.00
6400 · Other Contract Services	405.00
6800 · Insurance	100.00
7000 · Miscellaneous	202.89
7010 · Extension Council Election Exp.	133.10
7100 · Soil Test Expenses	424.00
7200 · Publications for Resale	270.50
Total Expense	26,704.24
Net Income	0.00

Financial Success

Meridith Berry, Family Financial Education Specialist



Programs: Financial education and assistance in preparing taxes for low income and senior citizens is an important program to people across northwest Missouri and Grundy County. Courses were designed and delivered specifically for the Upward Bound and Trio programs at North Central Missouri College. Programs such as Making Money Count, Skill Up, ABLE accounts, Paying for College, Estate Planning, and Taking Care of Your Finances were also presented in the county.

Number of Grundy County residents served

45 households participated in VITA (free tax preparation) 235 individuals attended other programs concerning budgeting, health insurance, estate planning and other finance related topics.

Total Hours of Collective Workshop Participation in 2017

164

What Did They Learn?

Participants in VITA learn how to minimize their tax liabilities while maximizing their refunds through federal programs. In 2017, federal refunds totaled over \$51,000 and state refunds over \$9,000. The economic impact for the county was approximately \$600,000.

Importance of retirement savings, Saving's Credit, Other tax credits, Lowering tax liabilities
Consequences of bankruptcy, Student loans and paying them back, Health insurance mandate
Rules for self-employment and taxes.

Budgeting, identifying non-financial resources, identifying wants and needs, decision making, communication, and purchasing insurance, investments or other financial services were topics of the Making Money Count and Taking Care of Your Finances workshops.

Pre-college and college students learned about the importance of tracking spending to lessen the burden of student loans upon graduation. Parents of these students learned how to best spend scholarships and 529 monies to maximize tax benefits.

Health insurance was a big concern in the area as one of the larger employers began the process of downsizing to close. Those impacted learned about the choices they have in terms of health insurance replacement.

What Action Did They Take?

Many clients are repeat customers or referrals from past clients. Clients made appointments to have their tax returns completed and filed at no charge. The electronic filing provided faster refunds. Additional state returns were completed on behalf of Grundy County residents. In addition to the income and education, an average of \$90 per return was saved by having taxes prepared by University of Missouri Extension

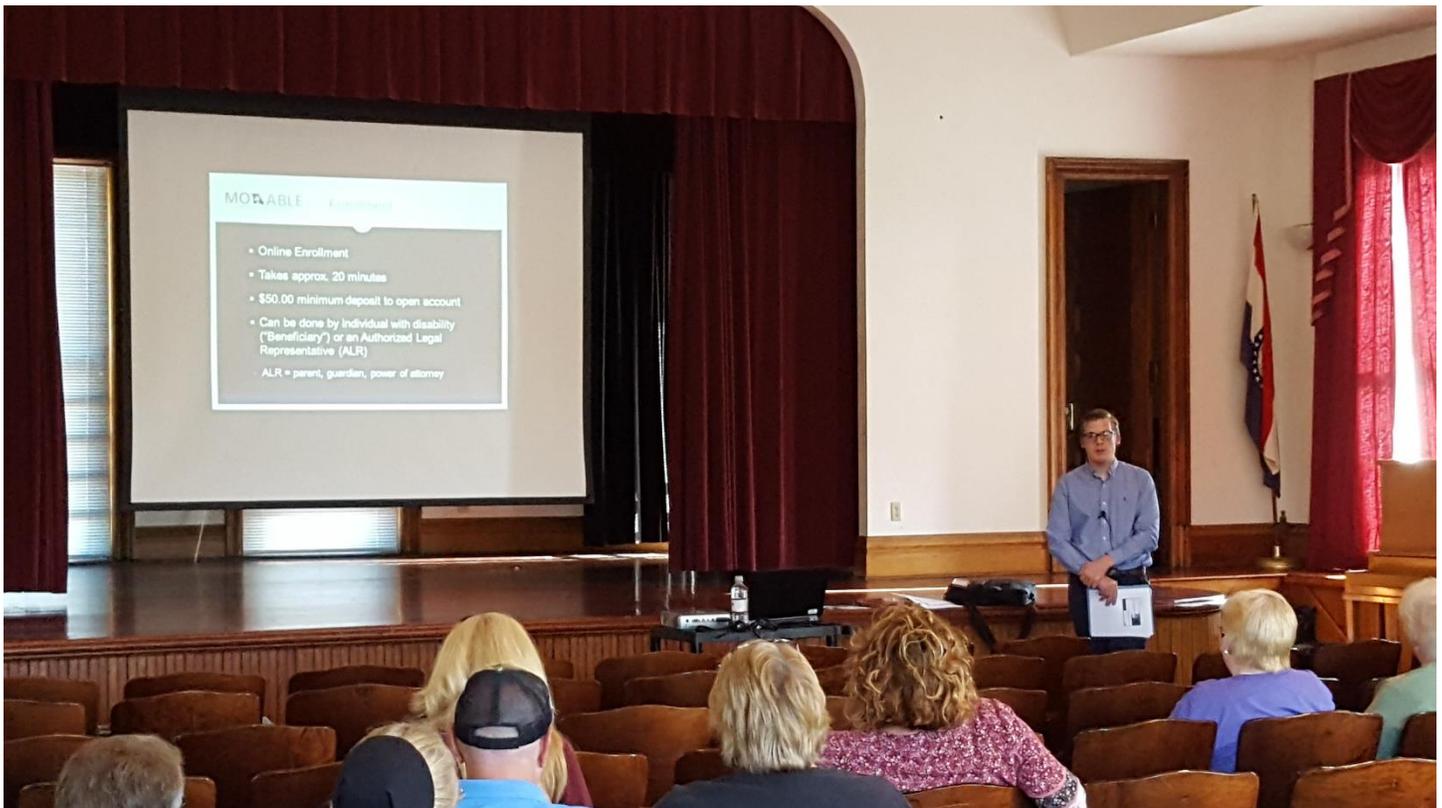
Several of the participants needing insurance used the service of the regional navigator to select and purchase insurance from the marketplace.

One client from the budgeting class began the process of certifying as a foster parent because of the information and support from the class. Other clients began to make small changes in their lives to become healthier and to eliminate debt.

How Does This Work Make Grundy County and Missouri Better?

Regionally, federal and state tax forms were filed for more than 300 households. In addition to Missouri tax returns, state returns for seven other states were prepared. Supporting extension saved low income families the cost of a tax preparer and brought money to the area in refunds, earned income credit, child tax credits, and other tax credit benefits. According to the IRS, regionally, the VITA program had an economic impact of over 2 million dollars in northwest Missouri

There is research that identifies actions which impact both health and wealth. For example, quitting smoking saves money and improves a person's health and home environment. The same can be said of eating or drinking high sugar snacks. People who understand these relationships find double benefits from a single behavior change. These benefits often encourage the person to make more changes which lead to a healthier and more financially secure life.



Andrew Dzedzic from the Missouri Treasurer's office was the featured speaker at an Extension sponsored program to explain how the MO ABLE (Achieving a Better Life Experience) accounts work in Missouri. Eighteen people came to listen to the speaker explain how money can be invested for the future needs of people with disabilities without impacting their means based benefits such as SSI. The ABLE accounts became available in March of 2017. Groups like the National Down Syndrome Society have called the ABLE legislation the most significant legislation for the disability community since the ADA was passed in the early 1990s.

Food and Nutrition Education Program

Tracy Minnis – Nutrition Program Associate



Number of Grundy County residents served

724 Grundy County participants were directly reached, and 107 participants reached indirectly. A significant number of these people are low income.

Total Hours of Collective Workshop Participation in 2017

Over 1000 hours of classroom and program time

What Did They Learn?

Youth from Pre-school to 8th 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 includes nutrition, food safety, and physical activity, as well as food resource management.

What Action Did They Take?

Nutrition Program Associates (NPA's) go into schools and other grant eligible locations and interact with community members to help them make healthier choices and build healthy habits. They see the difference the program makes in people's lives.

How Does This Work Make Grundy County and Missouri Better?

The Family Nutrition Program (FNP) brought \$9,681,129.00 federal funds to the state of Missouri. These funds were used to provide nutrition education to 838,295 Supplemental Nutrition Assistance Program recipients and eligible citizens of Missouri. There were 3,831,270 educational contacts. This year we had 3,064,781 indirect educational contacts. Indirect contacts are reached through newsletters, health fairs; food pantries and the Show Me Nutrition help line. 831 of these participants reside in Grundy County.

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.

Families and Individuals

Jessica Trussell – Human Development Specialist

Programs: Grundy County residents participated in several programs taught by Jessica Trussell. Among those classes were Focus on Kids and Building Strong Families,



Number of Grundy County residents served

.85 contacts made in 2017

Total Hours of Collective Workshop Participation in 2017

36

What Did They Learn?

Focus on Kids (FOK) is a curriculum designed to help divorcing parents communicate in a positive way with their children about the changes in the family dynamics. This is often a court mandated class. Topics discussed throughout the program include: avoid putting children in the middle, transitions between households, money matters, and parenting time. Along with an array of materials, parents also learn about how to make a parenting plan that includes points such as: custody and visitation, decision making, dispute resolution, and expenses.

Building Strong Families: Challenges and Choices (BSF) is a research-based educational program that helps families identify and build on their strengths, face challenges and make informed choices, improve relationships, and increase positive communication.

The BSF program covers 13 topics including: family strengths, communicating, managing stress, child self-care, food and fitness, kids and self-esteem, balancing responsibilities, working, positive discipline, money matters, setting goals, consumer beware and healthy home.

What Action Did They Take?

BSF-Small changes in behavior, communication, and decision making lead to larger and easier changes overall. Participants who take the workshop report better understanding of the actions they need to take to protect their finances, build better relationships with family, and view themselves in a more positive way.

FOK Participants take the steps to communicate with partners in a positive and productive manner to settle disagreements and to keep the children from being in the middle of disagreements.

How Does This Work Make Grundy County and Missouri Better?

BSF Families who work on relationship building, communication and financial stability are less likely to need the services of the government for support. Children are more likely thrive in households where parenting skills have been enhanced through education rather than based on experiences of the parents' childhood. They do better in school. Their future is hopeful.

FOK More than half of all marriages end in divorce, and the majority of these involve children. Conflict between parents, both before and after a divorce, is associated with many negative outcomes in children. The Focus on Kids workshop helps parents learn how to nurture and support their children during and after their divorce.

Nutrition and Health

Tyler Hall

Programs: Chronic Disease Self-management and Cooking Matters



Number of Grundy County residents served 90

Total Hours of Collective Workshop Participation in 2017 36

What Did They Learn?

Chronic Disease Self-management (CDS): participants learned 1) techniques to deal with problems such as frustration, fatigue, pain and isolation, 2) appropriate exercise for maintaining and improving strength, flexibility and endurance, 3) appropriate use of medications, 4) communicating effectively with family, friends and health professionals, 5) nutrition, and 6) how to evaluate new treatments.

Cooking Matters (CM) - Cooking Matters is a named program that teaches individuals to cook healthier meals on a tight budget while also providing weekly take home healthy food

What Action Did They Take?

CDS- mutual support and success build the participants' confidence in their ability to manage their health and maintain active and fulfilling lives

CM Clients indicated they learned that making healthful food can be simple. They indicated that they will make better food choices and think more about the choices they make at the grocery store and as they prepare meals for their families.

How Does This Work Make Grundy County and Missouri Better?

CDS Chronic disease affects more than 130 million Americans directly and accounts for 7 in 10 deaths. It accounts for more than 75 cents of every dollar spent on health care, and nearly two-thirds of the growth in health care spending over the past 20 years. Additionally it costs the U.S. economy \$1 trillion a year in lost productivity

Based on extensive program evaluations, there is strong evidence across studies that CDSMP has a beneficial effect on physical & emotional outcomes, and health-related quality of life. Across various chronic diseases, socioeconomic status and education levels, the program consistently results in greater energy/reduced fatigue, more exercise, fewer social role limitations, better psychological well-being, enhanced partnerships with physicians, improved health status, and greater self efficacy. It is generally (although not always) associated with reductions in pain symptoms. There is also evidence that the program results in reduced healthcare costs; CDSMP saves enough through reductions in healthcare expenditures to pay for itself within the first year.

CM-Empowering families with the know-how to make healthy food choices while staying on budget leads to healthier individuals and stronger finances.

Horticulture

Tim Baker – Horticulture Specialist

Programs:

Grundy County residents welcomed home visits from the Horticulture specialist. Extension also serves as secretary to the county Soil and Water Board. Great Plains Vegetable Growers Conference Pesticide Applicator License.



Number of Grundy County residents served	76
Total Hours of Collective Workshop Participation in 2017	200
What Did They Learn?	Proper care of trees and other plants. Proper use and cautions for using pesticides, fungicides and other chemicals. Marketing information. Advice on maintenance of beehives and honey production.
What Action Did They Take?	Soil samples were sent in for analysis and recommendations. Proper use of pesticides and other chemicals was adapted. Pruning techniques and caring for agricultural and ornamental plants was improved. 27 residents renewed their private pesticide applicator license at the local Ag Updates or in the extension office.
How Does This Work Make Grundy County and Missouri Better?	Small production farms and orchards are an important part of the county's economy and impacts a large portion of the Amish and Mennonite population in the county. The home visits provide research based expertise for maximizing production at no cost to the producer. The produce can be found at local farm stands in the community for sale. Farmers who use pesticides need to be aware of the proper use and handling of dangerous chemicals.

Agronomy Andy Luke – Agronomist

Programs: On site visits



Number of Grundy County residents served	2
Total Hours of Collective Workshop Participation in 2017	4
What Did They Learn?	Identification of Dicamba damage
How Does This Work Make Grundy County and Missouri Better?	The on-site visits to identify the damaged caused by dicamba provided residents the information and options they have to redress the expenses caused by the herbicide.

Livestock

Jenna Monnig – Livestock Specialist

Program: On-site visits, Backgrounding calves, Forages, Cover Crops and Animal Health, and MU Thompson Farm Field Day



Number of Grundy County residents served 100

Total Hours of Collective Workshop Participation in 2017 30

What Did They Learn?

Producers worked with the Livestock specialist to try to determine the cause of their recent problems with calving dystocia. They learned how to use a pelvimeter to take pelvic measurements.

Participants learned about backgrounding systems and which systems work best from a nutritional standpoint.

Participants in the Forages, Cover Crops and animal health learned about fescue toxicity and suggested methods to combat toxicity without fully removing all fescue and renovating pastures.

Participants learned about current beef cattle research being performed at MU Thompson Farm about estrus synchronization programs and fescue adaptability and how they can use this research on their own operations

What Action Did They Take?

Because of the on-site visits, cattle producers are better equipped to decide which heifers to keep as replacements and which to sell off.

As a result of this program, several producers said they were considering backgrounding cattle.

How Does This Work Make Grundy County and Missouri Better?

Many variants affect the profitability of a livestock operation. Because of the programs provided through the University of Missouri Extension and the research of the University of Missouri, producers in Grundy County are more aware of the factors that they can influence and the ones they cannot. With this information, they can maximize their operation profitability and the health of their livestock.



Photo of Thompson Research Center and Field Day taken by Logan Jackson, 2007 graduate of Grundy R-V. Printed with permission.

Agriculture Business

Joe Koenen –Ag Business Specialist

Programs: Fence Law



Number of Grundy County residents served	5
Total Hours of Collective Workshop Participation in 2017	10
What Did They Learn?	<p>Participants learned about the 2 different fence laws in place in Missouri and what county has which law. They also learned:</p> <ul style="list-style-type: none"> (1) what each law requires the landowner to do fence-wise (2) which portion of a boundary fence each landowner must maintain (3) where they can find additional resources and assistance on the fence law in effect in their county.
What Action Did They Take?	<p>As a result of attending the class:</p> <ul style="list-style-type: none"> ~ 86% of participants would recommend this program to others ~ 90% know now there is more than 1 fence law in Missouri ~ 85% know what fence law is in place in the county their land is located ~ 84% know their responsibilities under the fence law ~83% know where to go to find additional information and help {University of MO Extension}
How Does This Work Make Grundy County and Missouri Better?	<p>Knowing which fence law is in effect in your county and following that law helps lower conflicts between landowners. This in turn reduces litigation costs. Figuring an average of \$150 per hour for an attorney, this program can potentially save Missouri landowners \$47,250 in legal fees.</p> <p>This helps Missouri livestock producers to be more profitable due to lower fencing costs of their own in addition to less legal time and litigation fees.</p>

Community Development

Tracy Marlo Dougherty – Community Development Specialist

Programs: 2500 Miles of Art and Culture, Serving on Public Boards,



Number of Grundy County residents served	35
Total Hours of Collective Workshop Participation in 2017	15
What Did They Learn?	<p>2500 Miles- Participants learned the importance of procuring services through competitive pricing and the difference between requests for qualifications and requests for bids.</p> <p>SPB- Participants were educated about the Missouri Sunshine Law and its impact on public boards. Skills were taught to facilitate an efficient board progression. Participants learned the importance of updated and well-written by laws and policies. Participants studied fiscal responsibilities of a public board and became more familiar with the resources available to them through the University of Missouri Extension.</p>
What Action Did They Take?	<p>2500 Miles Participants learned the value of nonprofit policies and procedures and adopted all samples provided.</p> <p>SPB- Public meetings will be posted for public as per Sunshine Law. Participants indicated they plan to discuss and amend board policies and procedures within the next year. Participants will discuss record retention and policies with board within the coming year. 100% of respondents indicated they will utilize some of the printed/online resources from MU Extension.</p>
How Does This Work Make Grundy County and Missouri Better?	<p>Public boards are an important part of the community's service infrastructure. Statutes have been established to keep the boards transparent and responsible to the community they are serving. Often, these statutes are overlooked as a matter of inexperience or complacency. Because members of boards are concerned about complying with the law, the residents of the county can be sure that the boards are acting with fiduciary responsibility and an interest for the public benefit. Training provided from the University of Missouri Extension helps community boards comply with the law and operate in an efficient manner.</p>

Youth Development and 4-H Program

April Meighen – Youth Program Associate

Shaun Murphy – Youth Development Specialist

Programs: 4-H Clubs, Fun Day, Teen trips, 4-H camp, Leadership Conferences, County and State Fairs, Community Service



Number of Grundy County residents served

81 youth participate in the four 4-H clubs.

52 screened oriented volunteers

What Did They Learn?

4-H members learn to engage in their communities. Young people in 4-H are engaged in twice as many leadership roles than their non-4-H peers. This provides them with the experience in problem-solving to step up and lead in a complex, changing world. In Grundy County, 79 4-H members were engaged in leadership and/or service.

Missouri 4-H is growing future scientists. Young people in 4-H are engaged in three times more like to be interested and pursue science-based careers their non-4-H peers. Our nation needs young people prepared to live and work in a world that no one can imagine yet. In Grundy County, most 4-H members were engaged in science related projects and experiences.

4-H focuses on learning by doing through experiential learning. This learning better prepares youths for jobs – critical for economic recovery. Youths are given the opportunity to put learning into action through opportunities in leadership, citizenship, teamwork, community service and other life skills.

Life skills are defined in a variety of ways. 4-H, in recent years, has given special attention to youths' interest, attitudes and engagement in science, engineering and computer technology. Active 4-H members spend almost ten times more of their out-of-school time engaged in science-based activities than their non-4-H peers. Project work builds important life skills.

What Action Did They Take?

4-H Clubs - Grundy County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from aerospace and arts to veterinary science and sport fishing. Clubs also involve children and teens in community service, camping and educational trips.

4-H Leadership – Youth in 4-H engage as leaders from an early age. It is not uncommon for youth to serve as club officers, county wide officers, or even serve as leaders on the Regional and State level. In 2017, Hannah Persell was elected to the office of NW Regional Representative to the MO State 4-H Council.

Show-Me 4-H Wares - The Show Me 4-H Wares program is part of the MU Extension 4-H entrepreneurship project, through which youths learn how to start a small business or a social venture that addresses a need in their community. For more information on this and similar programs, see the “Cloverpreneurs” page on Facebook, or visit <http://www.4h.missouri.edu/programs/entrepreneur/>.

4-H Shooting Sports - 4-H youth engage in shooting sports to learn safe handling of firearms/archery equipment, responsibility, and teamwork – plus it is a great way to compete! In 2017, Hannah Persell of Grundy County was a member of the State 4-H Shooting Sports Team for the 4th year in a row and was a National Shooting Sports Ambassador.

How Does This Work Make Grundy County and Missouri Better?

4-H youth are equipped with the knowledge, skills, attitudes and health for the 21st century workforce. 4-H youth are engaged in programs anchored in science (Arnold, Bourdeau, & Nott, 2013).

A study from Tufts University reports that young people in “4-H far outperform their non-4-H peers” in developing the skills, leadership and interest in science and science careers that drive our nation’s future. In fact, 4-H’ers are more likely to pursue careers related to science, engineering and technology because they spend more time engaging in science programs (Lerner & Lerner, 2011). It is not surprising that 4-H youth are three times more likely to go into science related careers than similar peers.

MU Extension 4-H connects 5,176 young people to University of Missouri campuses, including many from Grundy County. Being on campus is a predictor of youth going onto higher education (Dalton & St. John, 2016). 4-H youth are nearly twice as likely to go to college compared to their non 4-H peers (Lerner & Lerner, 2011).

Youth who earn their bachelor’s degree, increase annual earnings by \$2 million over their lifetime (NACUBO, 2012).

Missouri 4-H volunteers donate an average of 6 to 10 hours/week or 72 to 120 hours annually. The Independent Sector values a Missouri volunteer’s time at \$21 per hour. *Accordingly, Missouri 4-H volunteers are providing \$15 to \$25 million in volunteer services annually.*

4-H Contest Day provides Grundy County 4-H members the opportunity to put project and life skills into practice.



Hannah Persell was the featured speaker at the 2017 Grundy County Extension Council Annual Dinner and Awards. Hannah spoke about her experience as a Shooting Sports Ambassador for Missouri 4-H and her experience at national shooting competitions as a member of the Missouri 4-H Shooting Sports Team.

Youth Events Water Festival

Water Festival Team – Meridith Berry, Debbie Davis, Bev Maltzberger, Shaun Murphy, and Becky Simpson

Number of Grundy County residents served

111 5th grade students

Total Hours of Collective Workshop Participation in 2017

8

What Did They Learn?

The water festival focuses on conservation of soil and water as well as other scientific tools used to study the natural world. Students participated in sessions on animal habitats and structural adaptations, point source pollution, stream bank erosion, soil erosion, food webs, epidemiology, microscopic organisms, and soil composition.

What Action Did They Take?

WF-Students who attend the water festival do better on the Science portion of the MAP tests than do students who do not attend the water festival.

How Does This Work Make Grundy County and Missouri Better?

WF- Tomorrow's adults and decision makers are in the classrooms today. By providing education about environmental sustainability, the participants will make better decisions about the behaviors they practice as it impacts the environment. Limited resources must be protected by every generation in order to preserve it for the next.



Youth Events- Safety Day

Team Members: Meridith Berry, April Meighen, Tyler Hall

Partners: Grundy County EMS, Trenton Fire Department, St. Joseph Fire Department, Grundy County Health Department

Funders: Progressive Ag Safety Day, ShopKo, KTTN Radio

Number of Grundy County residents served	144 3 rd and 4 th graders
	12 Adults

Total Hours of Collective Workshop Participation in 2017 6

What Did They Learn? Safety Day learning stations included grain bin safety, underground utility awareness, sugar in soda and other drinks, extinguishing a fire, escaping a burning building, seat belt safety, bike safety, and severe weather awareness

What Action Did They Take? Each child was fitted with a bicycle helmet. Children were encouraged to talk to their parents about what they learned that day.

How Does This Work Make Grundy County and Missouri Better? The impetus for holding this event was the death of four local children in a house fire. According to the most recent Missouri Kids Count data for the years 2011-2015, the number of deaths of children between the ages of one and seventeen has increased, particularly for the age groups 15-17. It is difficult to measure things that might have happened if not for the safety education; however, we can see kids making better choices about nutrition and behaviors that could be risky. Lives and money are saved when kids do not cut a utility line while digging in the yard. Kids who know what to do during a tornado are more likely to take cover rather than panic. All of these things make our children safer and that makes our county better.



Extension in the Community

Century Farm Recipients.

Owners Bill and Susie Bear received the Century Farm designation for the Rosemary Hill Farm located east of Trenton on Highway 6. The century farm program began in 1976 and is sponsored by University of Missouri Extension and Farm Bureau. There are 63 designated Century Farm in Grundy County dating back as far as 1838. To be considered for Century Farm status, land must have remained in the same family for a period of 100 years or more.



2017 Grundy County Farm Family

The Phil Ray family was named the 2017 Grundy County Farm Family at the Missouri State Fair. One hundred fourteen families were recognized in 2017. Farm Families are chosen for their community activities, support to extension programs, and valued reputation. The county extension council nominates the family.



Front Row (left to right): Phillip, Caleb, Brooklynn, and Taya Ray

Back Row (left to right): Ted Sheppard – Missouri State Fair Commissioner

Jack Magruder - Missouri State Fair Commissioner

Miss Natalie Ayers- 2017 Missouri State Fair Queen

Todd Hays, Missouri Farm Bureau Board of Director's Vice President

Christine Chinn- Director, Missouri Department of Agriculture

Rob Kallenbach- Assistant Dean MU CAFNR

Blake Naughton- Associate Vice Chancellor for MU Extension and Engagement.

Added to Grundy County Leader's Honor Roll



Joe Brinser was added to the Grundy County Leaders Honor Roll at the 2017 annual meeting of the Grundy Extension Council. The award goes to an individual who has shown leadership and support in extension programming. The recipient is chosen by the office faculty and staff.

Grundy Selected As Recruitment Pilot County for MIZZOU

In efforts to reach out to rural areas, MU utilized county extension offices to help recruit students for the university. Three events were held in Trenton including the College Fair at North Missouri Central College, the Trenton vs. Gallatin high school football game, and at the Band Day competition. Extension faculty and council members were on hand to give out information and prizes. About 350 names were collected to receive information about the University of Missouri.



MU Extension Continuing Education

University of Missouri (MU) Conference Office

The MU Conference Office provides full-service meeting management for a variety of noncredit educational programs. In FY 2017, the MU Conference Office organized 72 conferences for more than 20,000 people in teacher education in math, science and writing; crop management and agricultural lending, as well as statewide youth leadership programs, generating \$3.2 million in revenue. muconf.missouri.edu

Fire and Rescue Training Institute (MU FRTI)

In FY 2017, MU FRTI celebrated its 85th anniversary of providing continuing professional education and training to Missouri's fire service and emergency response personnel. In addition to fire training, courses prepare firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation. In FY 2017, MU FRTI trained 11,319 firefighters and emergency responders from 932 departments, organizations and agencies throughout all 114 Missouri counties. mufri.org

Law Enforcement Training Institute (LETI)

LETI provides training and education for Missouri's 17,000 personnel and police recruits and presentations to community and civic groups, as well as collaborative programs with agencies from 31 states. In FY 2017, LETI reached nearly 2,000 police and emergency responders. With MU's Human Environmental Sciences department, LETI piloted Taking Care of You and Mental Health First Aid for Law Enforcement, helping participants better understand mental illness and how it impacts their work. Other programs include advanced animal cruelty investigations training and armed intruder and personal safety response. Students receive over 700 hours of basic training and certification, with other topics and certifications like Crisis Intervention Team Training available. leti.missouri.edu

Missouri Training Institute

The Missouri Training Institute provides continuing education programs in business, as well as customized training programs and consulting services for business and industry and public, nonprofit and educational organizations and institutions. In FY 2017, 10,630 people enrolled in the institute's 371 programs that cover diverse business practices, such as human resource management, team building, decision-making, strategic planning and leadership. mti.missouri.edu

MU Nursing Outreach

Nursing Outreach serves mainly rural health-care workers with high-quality, affordable continuing education programs using face-to-face and online delivery methods; 92 percent live outside the St. Louis and Kansas City metro areas. In FY 2017, nurses from 77 Missouri counties and the city of St. Louis attended continuing education

programs. Another 867 nurses and 1,986 health care professionals — including social workers, nursing home administrators and psychologists — were served through multidisciplinary programs. nursingoutreach.missouri.edu

Center for Continuing Medical Education and Physician Lifelong Learning (CME/PLL)

CME/PLL serves MU Extension and the MU School of Medicine by educating physicians and other health care providers to improve the standard of care in Missouri. In FY 2017, CME/PLL offered 1,678 noncredit programs, courses and activities, serving 27,345 people, as well as 14 accredited medical conferences, including the annual Missouri Telehealth Network Summit on trends in this emerging healthcare arena; an Ellis Fischel Cancer Symposium on holistic approaches to cancer care; and one of the world's largest multidisciplinary conferences on dialysis. CME/PLL also provided online training for 6,400 state mandated child protection reporters in 20 occupational fields. medicine.missouri.edu/cme

Veterinary Medical Extension and Continuing Education (VMECE)

Veterinary Medical Extension provides information and consultation to veterinarians and livestock owners on issues such as disease risks, rising input costs and regulations that impact farming operations. In FY 2017, VMECE provided 17 continuing education events for veterinarians needing credit to renew their licenses. Twelve events addressed antibiotic label changes that went into effect on January 1, 2017, and how to write a veterinary feed directive. The rest dealt with preventing and responding to disease outbreaks in Missouri livestock operations. The VMECE team also presented at more than 40 meetings across the state, educating animal owners about the antibiotic label changes. VMECE also taught food animal production medicine to MU College of Veterinary Medicine students and collaborated in research that addressed bovine reproduction. vmth.missouri.edu

Labor Education

The Labor Education Program works with members and leaders of workplace-based organizations across Missouri to help them develop skills, act effectively in the workplace and be informed and active participants in their communities. In FY 2017, the program offered 35 courses and conferences to 952 participants, most of whom are leaders of organizations representing the economic interests of more than 20,000 working people in Missouri and surrounding states. labored.missouri.edu