

2017

UNIVERSITY OF MISSOURI
 Extension

Dade County Annual Report

Address: 2 North Main Street
Greenfield, MO 65661

Phone: 417-637-2112

Email: dadeco@missouri.edu

Website: www.extension.missouri.edu/Dade

Office Hours:

Monday & Wednesday 8am – 4pm

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Dade County Commissioners and Community,

University of Missouri Extension strives to provide relevant, reliable, research-based information and education to improve the lives of the citizens of Dade County. This Annual Report provides an overview of the last year, including the programs and progress of the Dade County University of Missouri Extension.

Programs presented engaged participants in current agriculture practices; healthy habits and leadership development through local 4-H clubs.

The University of Missouri Extension Council and local faculty and staff thank the Dade County Commission for the support and funding of educational programs. The council remains committed to providing information and programming to help Dade County citizens grow as individuals and as a community through the local Dade County Extension office.

Sincerely,

Wayne Bruffey
County Council Chair

Kristin Kostik
Extension Council Secretary

Jill Scheidt
Program Director

Wayne Bruffey

Kristin Kostik

Jill Scheidt

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,



Marshall Stewart, Ed.D.

Vice Chancellor for Extension and Engagement

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Dade County Staff



Jill Scheidt– County Program Director,



Tina Brownsberger– County Office Support

Other Staff Serving Dade

Jay Chism– Regional Director

Jeff Barber– Housing and Environmental Design

Phyllis Behrens– Business Development

Kathy Macomber- Community Development

David Burton- Civic Communications

Robert Balek- Horticulture

Patrick Davis– Livestock

Theresa Fossett– Family Nutrition Program

Karla Deaver- 4-H Youth

Reagan Bluel- Dairy

Bob Schultheis- Natural Resource Engineer

Jennifer Lutes- Ag Business

Lindsey Stevenson– Nutrition and Health

Dade County Extension Council

Chairman– Wayne Bruffey, appointed, Farm Bureau

Vice Chairman– Linda Eggerman, appointed, Lockwood

Secretary– Kristin Kostik, elected, term ends 2018

Treasurer– Marc Allison, elected, term ends 2018

Kim Morrison elected, term ends 2019

Tammy Wilson, elected, term ends 2019

Michelle Kleeman, elected, term ends 2018

CW McGuire, elected, term ends 2018

Randy Daniel, appointed, Dade County Commission

Tom Landers, elected, term ends 2018

Doana Taylor, elected, term ends 2018

Kathy Brown, elected, term ends 2019

Amanda Gray, elected, term ends 2019

Jan Grippo, elected, term ends 2019

Sandee Lyle, City of Greenfield

Mike Woolley, City of Everton

John Roller, City of Dadeville

Rachel Schnelle, Youth Representative

Keaton Jones, Youth Representative

Sydney Rice, Youth Representative

Angelica Kostik, Youth Representative

Unique Partnership

Dade County's MU Extension Council is a full partner with Missouri's land-grant universities to deliver high-quality education and research-based information. This helps people solve real-world problems and take advantage of opportunities. Council Members: Work with extension specialists to provide the county with quality educational programs; manage finances of local extension operations; provide personnel to carry out extension activities; and elect and organize the local extension council.

Dade County Commissioners

Randy Daniel- Presiding Commissioner

Dallas Maxwell- Eastern District

David Rusch– Western District

Recognizing Community



State Fair Farm Family– Brian and Sarah Worthington
and family of Dadeville



Leader Honor Roll– Kathy Brown and Renee Meents (not pictured)

Continuing Education

Fire and Rescue Training Institute (MU FRTI) 3 participants

Comprehensive continuing professional education and training to Missouri's fire service and emergency response personnel. Courses prepare firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation, as well as fires. <http://www.mufirti.org>

MU Conference Office 27 participants

High-quality, professional, full-service meeting management for a variety of noncredit educational programs, such as conferences, workshops, seminars and symposia. In FY 2017, Missourians registered to attend MU Extension conferences for teacher education in math, science and writing; crop management, and agricultural lending, as well as statewide youth leadership programs. — FCCLA and 4-H. <http://muconf.missouri.edu>

Law Enforcement Training Institute (LETI) 2 participants

State-of-the-art, certified, professional training to law enforcement officers and continuing professional education to a wide spectrum of other criminal justice and public safety professionals. LETI provides basic and advanced animal cruelty investigations training, and armed intruder/personal safety presentations. <http://leti.missouri.edu>

Family Nutrition Program

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. 772 of these participants reside in Dade 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.

During 2017, 365 youth and 407 adults were served through schools, community groups and agencies. The following is a list of the locations where participants were served in Dade County:

Schools	Agencies
Dadeville Elementary	Dade County (OACAC)
Greenfield Elementary & High Schools	Dade Co. Health Dept.
Immanuel Lutheran Church & School	Dade County Food Stamp Office
Greenfield Head Start (OACAC)	Greenfield Senior Center
	Muncy's Supermarket

In addition to the numbers, Nutrition Program Associate, Theresa Dalby shared this success story demonstrating local impact:

I have been teaching Healthy Change lessons at OACAC. I have a client who comes in who has been taking care of her sister who has several health issues. She says she enjoys these classes because she is getting information that she hopes will help her avoid having some of the health problems her sister has. Last month, she came in and told me "I brought my sister with me today, she needs to listen to the information you are giving us." The sister with the health issues said that her sister has been making changes in their diets and they are working towards healthier lifestyles. The information they are getting at OACAC is helpful for making these changes.

University of Missouri Alumni Alliance Legislative Day

Each year, Extension employees and supporters visit the State Capitol in Jefferson City to thank legislators for their support of University of Missouri Extension, share examples of how MU Extension has improved their personal life and share examples of public value and positive impacts to local economies and communities across the state.

In 2017 council member Michelle Kleeman and her family visited representative Mike Kelley to share the importance of Extension in Dade County.

Pictured: Mike Kelley and Chance, Kolton, Kody and Michelle Kleeman



Youth Development

34 members; 24 volunteers

4-H Youth are equipped with the knowledge, skills, attitudes and health for the 21st century workforce. Missouri 4-H members spend more of their leisure time than peers engaged in projects of interest anchored in science (Khan, 1989). It is no wonder, 4-H members are three times more likely to go into science related careers than similar peers (Lerner and Lerner, 2008).

In 2017, Dade County had two active 4-H clubs. Busy Bees 4-H and Turnback Trailblazers. Dade County members were active in State Teen Conference, 4-H Camp, State 4-H congress, Ozark Empire Fair, Missouri State Fair, and others.

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.

Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 100 hours per year. Valuing their time at \$21.31 per hour, based on average Missouri incomes, the contribution of Dade County 4-H volunteers was worth more than \$84,500 in 2016! More importantly, these adults serve as mentors for our youth helping them transition into health adulthood, priceless.



Agriculture



93rd Forage and Crops Conference

70 participants

The Dade County Forage and Crops Conference provides relevant information to farm producers of upcoming concerns in pasture and row crops grown in Dade County. Extension specialists deliver the latest research based information related to the current environment surrounding their operation.

Topics: Missouri Fence Laws; Understanding and Applying Your Soil Test

Private Pesticide Applicator Training

(27) renewals; (22) new licenses

The Private Pesticide Applicator Training involves the initial training and recertification of Missouri's private pesticide applicators (ag producers). The need for training in the application of pesticides is of high importance due to both the legal requirements and a real need for technical knowledge. The University of Missouri private pesticide applicator program reaches into essentially each of Missouri's one hundred fourteen counties to train farmers on the safe and proper use of agricultural pesticides on their farmlands, including restricted-use pesticides.



Bison Management Workshop

38 participants

University of Missouri livestock specialists presented an on-farm workshop featuring bison nutrition and management, along with comparison to beef cattle. Later there was a live bison handling demonstration.

Cattle Genetic and Reproductive Strategies Workshop

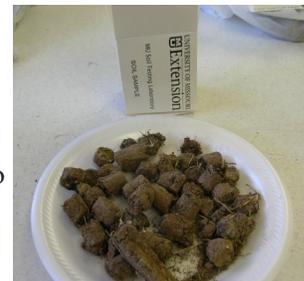
21 participants

University of Missouri livestock specialists presented topics on genetic tools to improve the cattle operation and cattle reproduction and breeding, as well as information on artificial insemination (AI).

Soil Testing

208 soil tests

University of Missouri offers soil tests to be sent through the county offices to the soil testing lab in Columbia. These soil tests allow producers to see what is going on under their feet and make appropriate additions to the soil in order to obtain a desired yield. With each test, producers get a detailed report on pH levels, available phosphorus, potassium, calcium and magnesium; organic matter; acidity and cation exchange. These basic tests provide the necessary data to develop nitrogen, phosphorus and potash and ag lime recommendations for intended crops and intended yields.



Agriculture

Bull Breeding and Soundness Clinics

8 participants; 8 bulls examined

In cooperation with various veterinary clinics and Zoetis, there are special bull breeding exam days in March and October to determine their suitability for service in the upcoming breeding season.

Bull Breeding and Soundness Clinics help producers learn and see the importance of testing bulls on a regular basis. Producers learn how to use Expected Progeny Differences when buying a bull and the process of a Bull Soundness Exam.



Missouri Steer Feedout

5 participants

The Missouri Steer Feedout gives cow-calf producers a chance to enter a representative group of their weaned calves in a program that evaluates performance in the feedlot and on the rail with minimal risks. Participants learn about their steers' feeder grades and what order buyers and market personnel think of them. Results from the program are used to make breeding stock selection and management decisions that enhances the marketability of their calves in the future. Beef cattle genetic improvement is also made by using objective data in bull selections.



2017 Top Gaining Steers

Show-Me-Select Heifer Development Program (SMS)

1 participant; 44 heifers purchased

The Show-Me-Select Replacement Heifers Inc. is a total heifer development package designed to provide health and management technology to beef heifers. It is an added value approach that includes an opportunity to market heifers privately or through the twice yearly sales. It also gives buyers a source of quality replacements. Heifers ranged from \$1100 to \$2050 with a \$1651 average on 364 heifers; about on target with the current feeder cattle market. The top average for the 20 consignors was \$1970 on 55 Red Angus heifers from Circle S Chicks. Those heifers were all AI bred and had been DNA-tested via the Igenity Gold panel.

Health and Nutrition

Cooking Matters

7 participants

As part of the No Kid Hungry campaign to end childhood hunger in America, Share Our Strength's Cooking Matters teaches participants to shop smarter, use nutrition information to make healthier choices and cook delicious, affordable meals.

After attending a Cooking Matters six-week course, participants report improved knowledge, skills, and understanding of maintaining a healthier dietary intake, using skills and recipes learned to improve their families diet, and using skills and knowledge to shop healthier and reduce food costs.

Lockwood Schools Safe Kids Day

180 participants

Kindergarten through 3rd grade students learned about eating all parts of the plant- the root, the stalk, the leaves, the flower, the seeds, etc. 4th through 6th grade students learned about the importance of choosing whole grains.

Continuing Education— Law Enforcement Training Institute

146 participants

University of Missouri Law Enforcement Training Institute Instructors, gave a hands-on training to 141 youth and 5 adults at Greenfield High School. Participants learned Personal Safety and Self-Protection; specifically: Responding to Violent Intruders, Bullying, Relationship Violence, and Sexual Violence. Emphasis was placed on Avoidance, Risk Reduction and Appropriate Physical Response as a last resort, with the goal of escaping the situation. The training was fully sponsored by University of Missouri Extension in Dade County.

Business Development

In Dade County during fiscal year 2017, the MU Extension Business Development Program (BDP) served seven people and their companies with business start-up and management counseling, training, and other assistance. In addition, entrepreneurs and business owners in Dade County reported the following economic impact and activity resulting from services provided by MU Extension BDP:

Government Contracts (one): \$8,795.00

Sales Increase: \$2,400.00

Jobs Retained: 7



Financial Statement	
BEGINNING BALANCE	\$ 20,841
REVENUE	
County Appropriations	\$ 15,000
Gift/Grants/Donations	\$ 3,860
Other Income	<u>\$ 5,088</u>
TOTAL REVENUE	\$ 23,948
EXPENSES	
Secretary Salary	\$ 8,071
Council Paid Benefits	\$ 617
Travel	\$ 1,332
Programs	\$ 3,760
Postage	\$ 745
Telephone	\$ 548
Publishing/Printing	\$ 121
Supplies/Service	\$ 669
Surety Bond Insurance	\$ 237
Council Elections	\$ 109
Annual Meeting	\$ 122
Soil Test Expense	\$ 570
Publications	\$ 722
Repairs/Maintenance	\$ 359
Furniture/Equipment	\$ 0
Endowment	\$ 0
Fee Generation	\$ 1,550
4-H Expenses	<u>\$ 71</u>
TOTAL EXPENSES	\$ 19,603
CLOSING BALANCE	\$ 25,186
Designated Savings	\$ 6,911
Petty Cash	\$ 26
TOTAL ACCOUNT BALANCE	\$ 32,123

State, Federal and County Funding for Extension Councils

University of Missouri Extension Programs in Dade County are funded by Dade County, state and federal appropriations. Local funding for support of the Dade County Extension Center is provided by the Dade County Commission. They provide office space, funds for office expenses, clerical salaries and travel expenses of extension specialist who conduct educational programs in Dade County. A special acknowledgement and appreciation is given to the Dade County Commission for financial assistance.

University of Missouri provides salaries and benefits for 1 paraprofessional staff member headquartered in Dade County. The University provides in-service training expenses, including travel and lodging for staff, postage for staff communications and matching funds for computer equipment costs and maintenance.