



UNIVERSITY OF MISSOURI EXTENSION

## Dunklin County

### 2019 ANNUAL REPORT

233 North Main Street  
Kennett, Missouri 63857  
573-888-4722

<https://extension2.missouri.edu/counties/dunklin>



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,



Marshall Stewart

# 2019 County Council Members

<b>Chairman</b>	Danny Ray
<b>Vice Chairman</b>	Nathan Creed
<b>Secretary</b>	Christina Nixon
<b>Treasurer</b>	Nevada Smith
<b>Member</b>	Kim Glover
<b>Member</b>	Keila Marroquin
<b>Member</b>	Jacob Nelson
<b>Member</b>	Matthew Mobley
<b>Member</b>	Andrew Joyce
<b>Member</b>	Sam Stacks
<b>Member</b>	Danyel Williams
<b>Member</b>	Jimmy Shepard
<b>Member</b>	Carol Keys
<b>Member</b>	Carl McDaniel

## County Commissioners

<b>Presiding</b>	Don Collins
<b>1st District</b>	Ron Huber
<b>2nd District</b>	Patrick McHaney
<b>County Clerk</b>	Kent Hampton

# Educational Excellence

A Matter of Balance was presented in Kennett at the Community Kitchen for twelve participants. **One out of four senior adults in the U.S. will fall this year — resulting in a financial cost to the nation that could reach \$67.7 billion by 2020.** A Matter of Balance is a holistic program focused on preventing falls among adults and seniors. Participants discuss fears about falling and how to plan ahead to address those concerns, as well as practice strength and balance exercises during the eight-session class.





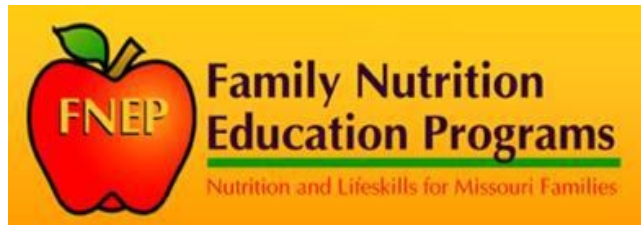
# County Highlights



Congratulations to Jason, Amber, Lily and Morgan Chandler. They represented Dunklin County at the State Fair on Farm Family Day.

The Chandlers family are active in area agriculture and help to support Extension activities. We thank them for their hard work.

# Economic Opportunity



**Lavonda Swindle and Sharon Sutherland**  
**Nutrition Program Associates**

University of Missouri Extension's Family Nutrition Program (FNP) reached a total of 3810 participants in Dunklin County during 2019. Of that number; 3733 were direct and 77 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.

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.

Nutrition Program Associates (NPA's) teach in schools and other grant eligible locations in the county to help participants make healthier choices and build healthy habits. Also, through indirect teaching and health fairs or other one time workshops, they impact many people that they are unable to actually see in a classroom setting.

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. 3810 of these participants reside in Dunklin 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.

# Economic Opportunity



Lavonda Swindle models physical activity with students at a Dunklin County elementary school.

## Success Stories for Dunklin County

### Submitted by Sharon Sutherland

I ran into a young woman in the store that had her grocery list in her hand. She thanked me for the lesson that we did in class. She learned to read labels and make a weekly grocery list. She informed me that she was getting more food for her family by making a list and reading labels. That lesson would have been Plan, Shop and Save from Eating Smart, Being Active.

### Submitted by Lavonda Swindle

I had a booth on gardening set up at a local health fair and our local high school science club helped with cooking hotdogs for the people that came. I had a chance to go over and talk to the kids that were helping and one boy whom I had in class when he was in Elementary came to talk to me. He told me that he takes a class in high school about nutrition and he was getting A. He remembered all the nutrition classes that I taught from elementary and it helped him in high school. He said he especially liked the digestive system lesson in 4th grade, and it came in handy recently in his high school class. He said he made an A on that test and could visualize us having the rope and string stretched around the rooms showing how long it was and the process our food goes through.

# Economic Opportunity

The Bootheel Synergy local community economic development group started working in committees. There are two main one—Broadband and Workforce Development. Both are actively working to improve the economic environment of the region. This group is hosted by the Bootheel Regional Planning Commission.

community economic development programming opportunities.

I met with the City of Kennett to discuss an opportunity zone possibility with the local economic developer.

I serve on the Board of Directors for the Regional Heritage Tourism Association, which serves the SE Missouri region. We planned a farm to table event in Scott City, MO but it was cancelled.

I met with the economic developer, city manager and Mike Milam to discuss new



**Richard Proffer**

FIELD SPECIALIST IN COMMUNITY ECONOMIC DEVELOPMENT



# Agriculture and Community Economic Development

## School of Social Work

REPORT FOR UNIVERSITY OF MISSOURI EXTENSION  
May 5, 2019



### ACCESS TO NUTRITION IN DUNKLIN COUNTY, MISSOURI

PRESENTED BY: DANA DAVIDSON, JESSICA PERKINS, AND  
SAMANTHA RHINE, MASTER OF SOCIAL WORK STUDENTS,  
UNIVERSITY OF MISSOURI SCHOOL OF SOCIAL WORK

I was contacted by the University Of Missouri School of Social Work about helping three graduates with a Special Project. The students were Dana Davidson, Jessica Perkins, and Samantha Rhine. I met with Jessica twice and answered their questions and gave them references. For their grade, they looked at the Access of Nutrition in Dunklin County. They described food deserts and made recommendations. I was able to use this information in a PowerPoint presentation to the Missouri Foundation of Health at a meeting in Poplar Bluff

## Farm to School at South Elementary School

I have been working with Christina Nixon at the Caring Council, administrators, teachers and counselors to provide nutrition education at South Elementary School in Kennett. A greenhouse is set up and we will be growing microgreens, mushrooms, and vegetables to show them that they can improve their nutrition and health.

## Community Garden

After the problems with the community garden this past year, we have made plans to improve this year's garden. Dr. Byron McVay, SEMO Agriculture Instructor, will be helping out and getting some students involved. We would like to do more with the hoop house this year to plant early and extend the garden season.

# Agriculture and Community Economic Development

## Mizzou Alternative Breaks

We were very fortunate to have two teams from the Mizzou Alternative Breaks program come to Dunklin County. The first was in March and the second was in November.



The first group worked to paint metal chairs for the OAKS Senior Center and the second worked to sort clothing at the Helping Hand Ministry and to paint walls at the Dunklin County Caring Council. These students have been very helpful in helping local agencies get a lot of work done in a short period of time.

## English as a Second Language

Pamela Riehn of the Cape Girardeau Adult Education and Literacy Center, has written a grant for English as a Second Language in Kennett. Classes will be held at Ebenezer Baptist Church beginning in January. Mirra Collins will be the instructor. Partners are United Migrant Opportunity Services, University of Missouri Extension, Black River Baptist Association, and the Alliance for Farmworker Concerns.

# **Agriculture and Community Economic Development**

## **Missouri Youth Preparedness Initiative (MY PI)**

Classes will start soon to teach this national program to prepare students for disasters. They will have Teen Cert Training, first aid, CPR, use of defibrillator, and disaster kits and disaster plans for their families. The classes will be taught at the Kennett Career Center. Jan Algood, Ryan Holder, Paul Spain, and Tyler Roberts will be the instructors. Each student will receive a backpack upon completion of the course.

## **Missouri Reentry Program**

Samantha Anderson and Mike Milam have been providing classes at the Kennett Probation and Parole Center. In addition to the monthly classes, we will be providing a Book Club for ten recipients. The first book will be Hillbilly Elegy by J.D. Vance.

## **Private Pesticide Applicator Training**

This year there were four scheduled presentations plus one that occurred at Helena Chemical in Clarkton that was held at the same day that BASF conducted dicamba training. Participants learned skills to protect humans and the environment. They had a better understanding of integrated pest management techniques, worker protection standards, labels, misuse of pesticides and record keeping. This training is also required for anyone who handles dicamba and 2,4-D.

## **Individual Consultations**

Three of the small vegetable producers that I worked with are no longer producing vegetables for sale. There have been damages with dicamba drift or volatilization. I also worked with commercial producers and homeowners. The crops include watermelon and cantaloupe, cotton, soybeans, corn and wheat. Vegetables include tomatoes, squash, okra, and cucumbers.

# Agriculture and Community Economic Development

## High School biology II Presentation and Identification



I have been working with the Biology II instructor at Kennett High School, Katie Porterfield. I speak to her classes about insects and we plan an insect collecting field day for her students at the Ben Cash Conservation Area. Twenty-eight students enrolled in these classes. I presented information about where to collect insects and general information that would help them with their collections. During the class, I provided three orders, springtails, thrips, and bark lice for many students. The Ben Cash trip had eight students. I also bring in extra material such as mushrooms, tree bark, and leaf litter to share these insects with the students. Since beginning this program, over 675 students in school or at the field day have been taught ecological principles. I also set up sessions where students could come by our office for help in identification of insects. I worked with three students during the summer. The use of a black light to attract insects was very effective. Personal communications with students and student essays show that this program is successful.



# Agriculture and Community Economic Development

## University of Guelph Student Tour

I met a group of students from the University of Guelph in Ontario, Canada. This 14-day tour is part of their classwork, CROP\*4260 Crop Science Field Trip. I gave a presentation on cotton production and had handouts to support this presentation. I showed the students how the cotton plant grows and develops and how to map the plant. Danny Parker, the producer showed them the John Deere Picker with the module builder and planting equipment. There were 48 students, two professors, and the bus driver. These students and faculty have a greater understanding of cotton production and the cotton industry. They also learned the role of extension agronomists with producers and industry representatives and how the government program has phased out direct subsidies and have replaced it with crop insurance.

## Bed Bugs



The number of bed bugs seen this year have exceeded Twenty-five Most of them are associated with public schools. I participate with the Bootheel Bed Bug Taskforce and provide training for school nurses and other groups I provide best management practices for the home care providers and I have worked with several groups on bed bug policies. I am finding resources from Ohio State, Michigan, Virginia, and Tennessee. I have also contacted the University of Missouri-St Louis Public Policy Research Center for assistance.



**Michael Milam**

County Engagement in Community Economic

# County Highlights 4-H

## Delta Fair





# County Highlights 4-H

## Delta Fair



# Dunklin County



## University of Missouri System

COLUMBIA | KANSAS CITY | ROLLA | SELOUIS

### UM System Footprint in the county in 2019



#### FY2019 county students

##### 39 students

- 29 Undergraduates
- 10 Graduate and professional students
- 25 Full-time students
- 14 Part-time students
- 13 Pell grant recipients (aid year 2019)



#### County employees and retirees

##### 22 people employed by UM

- 21 Campuses
- 1 UM System

7 UM retirees and beneficiaries

UM salary and retirement income: \$590,802

UM state tax revenue: \$16,297

UM federal tax revenue: \$83,281



#### County alumni

##### Selected school alumni

- 4 Medicine
- 4 Nursing
- 11 Health Professions
- 3 Dentistry
- 9 Pharmacy
- 4 Veterinary Medicine
- 23 Agriculture
- 25 Engineering
- 19 Law

##### Alumni teaching K-12

- 10 teachers
- 2.3% of all district teachers



#### County breakdown

##### MU

- 28 students
- 165 alumni
- 21 employees

##### UMKC

- 2 students
- 28 alumni
- 0 employees

##### Missouri S&T

- 7 students
- 24 alumni
- 0 employees

##### UMSL

- 2 students
- 16 alumni
- 0 employees



#### County properties and offices

Rhodes Farm (Delta Center)

MU Extension in: Dunklin County



County population: 30,905



#### County services provided

##### Health care

- 36 in-state patients seen at UM Health Care, with \$61,771 of uncompensated care
- 3 in-state patients seen at UMKC School of Dentistry with a statewide average of \$82.27 per patient in uncompensated care
- In FY2018, University of Missouri Health Care's Missouri Telehealth Network provided services to 1 in-state patient at 1 site

##### Extension

- 8,735 Total educational contacts from MU Extension to residents of district counties, including:
- 80 contacts related to productive farming, better gardening, and managing natural resources
- 8,601 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
- 54 contacts related to starting businesses, developing community leaders, or renewing the local economy



## Dunklin County Extension Faculty and Staff

**Richard Rickman** ..... County Engagement Specialist in 4-H Youth  
**Michael Milam** ..... County Engagement in Community Economic  
**Kim Holsten**.....Office Manager  
**Sam Anderson** .....County Engagement Specialist in Nutrition  
**Nancy Keim**..... FNP/FNEP Program Director  
**Albertina Henry**.....FNP/FNEP Program Manager  
**Sherry Crossfield**..... FNP/FNEP Secretary  
**Lavonda Swindle** .....Nutrition Program Associate  
**Sharon Sutherland** .....Nutrition Program Associate  
**Mary Engram**..... Human Development Specialist

## Other Faculty serving Dunklin County

**Juan Cabrera-Garcia**..... Horticulture Specialist  
**Jeff House** ..... Agronomy Specialist  
**Richard Proffer**..... Business Development Specialist  
**David Reinbott** ..... Agriculture Business Specialist

## 2019 Dunklin County Appropriations Budget

### Income

County Appropriations	40,000
<b>Total Income</b>	<b>40,000</b>

### Expenses

Salaries/Wages/Benefits	27,025
Travel	1,130
Rent	6,000
Office Supplies	1,660
Farm Family	650
Telephone	3,841
Insurance	643
Supplies	2,505

<b>Total Expenses</b>	<b>42,694</b>
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## 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 Dunklin County Extension Council, faculty and staff would like to express our appreciation to the Dunklin County Commissioners for their continued support of extension programs.**

## Local Support ...

*Did you know you can donate directly to Dunklin County Extension with a gift to be used immediately or as an endowment contribution for long term efforts. Monies put into the endowment are left forever to earn interest with the county office benefiting each year. You can also direct your donation to a specific program such as 4-H or Master Gardener's.*