

UNIVERSITY OF MISSOURI EXTENSION St. Louis County

2018 ANNUAL REPORT



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Dear county commissioners and friends of MU Extension,

The past year has been extremely productive for University of Missouri Extension and Engagement. With the launch of our county engagement specialist model, which is the centerpiece of a long-overdue restructuring, we are better positioned to serve Missourians.

Most county engagement specialists are now in place and the formal training for this new position rolled out this fall. By January 2019, we expect our CESs to be well on their way to success. I see a great future for them and the communities they serve.

At the MU campus, we have been busy putting in place online resources that will benefit Missouri communities. In particular, the All Things Missouri web portal is an exciting tool that can help community leaders search for valuable data. I encourage you to check it out at https://allthingsmissouri.org/.

When 2018 began, we set out to meet with every county's administrative body. This effort provided valuable insight and helped strengthen relationships; and as a result, we will engage in a similar effort in 2019. Meeting stakeholders and deepening county relationships is something we truly enjoy.

As you read your county's annual MU Extension report, I am confident that you will be pleased with the results accomplished through county-based University of Missouri faculty. Our faculty take pride in their efforts to respond to local extension council input.

At the state level, we have committed to a goal of doubling the economic impact of MU Extension over the next decade. This goal of \$2 billion in public value is ambitious - but, by meeting this challenge, we will help a great many Missourians.

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

Sincerely,

Marshall Stewart ل Vice Chancellor for Extension and Engagement



Today, we are pleased to present the 2018 Annual Report for the University of Missouri Extension in St. Louis County. It shows how our original efforts of canning programs, youth clubs and war gardens have grown to cover eight specialty areas. We have continued our mission to improve people's lives through research-based education. Let me brag about some of our work:

- Working closely with the University of Missouri St. Louis through Creating Whole Communities and the St. Louis Economic Development Partnership, we developed the Neighborhood Leadership Fellows program which provides education to leaders throughout the St. Louis Promise Zone.
- In addition, we have continued our working relationships with the Missouri Botanical Garden and Missouri Department of Conservation in providing the St. Louis Master Gardeners and Master Naturalists training programs.
- We collaborated with Parkway Schools to offer retirees their wellness classes.
- We collaborated with the Barnes Hospital nursing students to provide workshops on the rising bed bug problems, and we worked with Missouri Baptist Hospital to provide workshops on various nutrition programs.
- Finally, we headed the call of the St. Louis County Council Chair, Dr. Sam Page, to combat the opioid epidemic through a very well-attended conference that analyzed this issue from the view of an employer.

We were able to expand our reach at other third-party events, at our facility in Kirkwood, and at other city halls throughout the region. Our outreach has included technical assistance and informational booths at the various library events throughout the region, the Kirkwood Employee Health Fair, University City Festival, and many others.

Extension continues to be grateful for the generous support of the St. Louis County Government, which helps us to offer a significant amount of programming opportunities throughout the county! Without St. Louis County Government, we could not do this. We also want to thank our Extension Council members who give of their time and expertise, as well as our many partners who assist us in making a positive impact for all residents.



We hope that this report gives you a better idea of the work MU Extension and our faculty/staff are accomplishing. We look forward to 2019, as we plan to broaden our impact, expand our collaboration efforts, and increase our outreach throughout St. Louis County. Hopefully, we will see you this coming year at one of these events!

Sincerely,

O. Kreater and

David O. Kreuter Saint Louis County Extension Council Chair

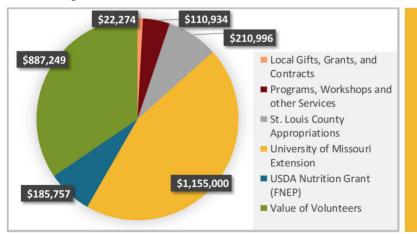


Participants in the Woman's Financial Education Series.

MU Extension in St. Louis County is an educational service agency that improves people's lives with programs for Youth and Family; Business and Community; and Agriculture and Environment.

MU Extension Council Operating Budget

The FY 2018 funding for MU Extension in St. Louis County came from various resources. Federal, state and county appropriations form the majority of our funding. These funding streams are supplemented by other sources such as grants, contracts, program revenue, gifts and VOLUNTEER HOURS.



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extension.missouri.edu/stlouis

University of Missouri Extension

Youth and Family

We engage youth as valued, contributing

members of the communities with a focus on **STEM** and college readiness. In addition we provide researched-based programs and tips on nutrition, exercise and health, housing, and personal finance.



4-H Cooking Classes

Business and Community

We make a difference in communities by helping citizens tap into local strengths and resources from the university.

We also provide resources and assistance to business owners looking to start or grow their **businesses**.



challenges, MU Extension also



NLA Graduation

helps the businesses and employees address them through labor educational workshops and programs.

Agriculture and Environment

We promote healthy living through gardening, agriculture, and proper care of the environment.

We also offer

training, proctored testing, specialty workshops, and soil/plant health diagnostics. St. Louis County 2018 Annual Report



Master Naturalist Training

In the Spotlight

Certificate Programs:

- 4-H Youth Futures
- Missouri Master Gardener
- Missouri Master Naturalist
- Neighborhood Leadership Academy
- Neighborhood Leadership Fellows

Named Programs:

- 4-H Youth Programs
 - * School Clubs
 - * 4-H Robotics
- Aging in Place
- Energy Efficiency/ Management
- Healthy Homes
- Home Food Preservation
- HomeWorks
- How to Sell to the Government
- Labor Law Breakfast
- Matter of Balance
- Rent Smart
- St. Louis Storytelling Festival
- Stay Strong, Stay Healthy
- Tackling the Tough Skills
- What's Brewing

Services Offered:

- Soil Testing
- Plant Diagnostic
- Exam Proctoring
- Pesticide License Testing
- Small Business Consultation
- Event and Meeting Rental Space

MU EXTENSION IS A UNIQUE PARTNERSHIP

Our office is governed by its own Extension Council, with specialists and educators from the UM System President Choi with Members of the St. Louis County MU Extension Council at the 2018 Annual Dinner.

University of Missouri and support staff funded by St. Louis County who collectively improve the lives of citizens through programming and services.

The St. Louis County Extension Council

County Extension Council Members serve as the interface between MU Extension and ELECTED REPRESENTATIVES in local and state government. Council members have many opportunities to be key communicators and advocates for the valuable programs and work that extension does in communities across the state.

- Dave Kreuter/Chair, Creve Coeur
- Sylvester Bolden /Vice-Chair, St. John
- Gretchen Luke/Secretary & Treasurer, Bridgeton
- Tracey Howe-Koch, Florissant
- Eugene Franks, Ferguson
- Cynthia Jordan, Creve Coeur
- Cheryl Jordan, Berkeley
- Jane Kerlagon, Wildwood

Veronica Morrow-Reel, Dellwood

- Mary Oswald, Bellefontaine Neighbors
- Rob Rambaud, Wildwood
- Bill Ruppert, Kirkwood
- Tim Schmalz, University City
- Wicky Sleight, Kirkwood
- Lynn Squires, Hazelwood
- Lisa Thompson, Maryland Heights
- Ken Truemper, Glendale
 University of Missouri Extension

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Faculty and Staff serving St. Louis County and City

MU Extension carries out the University of Missouri's land-grant mission through our staff who bring researched-based knowledge and resources to all MISSOURIANS.

St Louis County Staff

Agriculture and Environment

- Justin Keay, Horticulture Specialist
- Holly Records, Master Gardener Coordinator

Business and Communities

- Claire Wolff, Community Development Specialist
- Douglas Swanson, Labor Education Specialist
- Lisa Overholser, Community Arts Specialist
- Millie Miller-Hoover, Business Development Specialist
- Kevin Wilson, Associate State Specialist
- Lynette Watson, Business Development Specialist

Youth and Family

- Angela Kaiser, Nutrition Program Associate
- Amanda Meek, 4-H Youth Development Specialist
- Damaris Karanja, Nutrition & Health Education Specialist
- Kandace Fisher-McLean, Housing & Environmental Design Specialist
- Leslie Bertsch, Nutrition & Health Education Specialist
- Terressa Caine-Clary, Nutrition Program Associate
- Terry Olishile, 4-H Program Coordinator
- Vincent McKinney, 4-H STEM Educator

Operations Team

- Dwayne T. James, Urban County Director
- Amy Armstrong, Admin. Associate / Communications
- Janie Lewis, Administrative Associate / Technology
- Melinda Farrar, Accountant

Regional & City Staff

Regional

- Jody Squires, Urban East Regional Director
- Mary Lynch, Urban Region Office Support

Nutrition Education

- Katelyn Ryder, Program Manager
- Aldric Weeks,
 Program Coordinator
- FNEP Office Support
 - \sim Rehan Gerges
 - ~ Maxine McBride-Jackson
- FNEP Staff:
 - ~ Mary Bolling
 - ~ Jessica Brown
 - ~ Alejandra Cortez
 - ~ Diana Finlay
 - ~ Barbara Larson
 - ~ Charlese McBride
 - ~ Peggy Milford
 - ~ Andrea Oswell-Holmes
 - ~ Sanja Sasvari
 - ~ Callan Vail
 - ~ Amanda Schweigert
 - ~ Megan Allen
 - ~ Mimi Johnson

Youth and Families



Members of the 4-H Electric Dolphins Robotics Club.

university's research and knowledge to Missouri's youth and families by supporting healthier living and enrichment opportunities that empower people of all ages who continue to learn, GROW, AND THRIVE.



were made related to:

strengthen families

- healthy eating and aging
 personal finance

 - youth development

4-H Youth Development

New opportunities provide youth new life skills. Here is our impact in the St. Louis region: 3,007 in School Enrichment Programs 921 in organized 4-H clubs 548 Volunteers worked with 4,532 Youth Additional highlights include 88 youth participating in our Urban East 4-H Summer Camp and 700 students learning about robotics through our partnerships other organizations. We also provided opportunities for youth to attend Aerospace Camp in July at Missouri S&T and high school students to attend the annual 4-H Youth Futures Conference at Mizzou.

St. Louis County 4-H received a Science Matters grant with Bayer through National 4-H Council -

The grant funded **12** youth to attend the National Youth Summit on Agri-Science and work in groups to deliver community action plans.

"I learned not only about agriculture, but also how to be a leader, how to interact in a professional environment, and improve my public speaking skills.'

Nutrition and Health

participants by THE NUMBERS:

Our nutrition programs help participants improve their eating habits, increase their knowledge of good nutrition, improve their physical well-being, and enhance their overall health. **2018** highlights included:

- A new partnership with Metro helps increase nutrition awareness through The Link Market Cooking Demonstrations for Metro riders.
- 4-H Kids Culinary Camps teaching middle schoolers' how to prepare and cook healthy foods that the whole family can enjoy.

725,788 • Have been reached by Family Nutrition Programs PARTICIPANTS schools, community groups, and other service agencies.

 Continued partnerships with the St. Louis County Department of Health include classes on Chronic Disease Self-Management at a Senior Center/Congregate Meal Site sponsored by Mid-East Area Agency on Aging.



Housing Education

participants in Healthy Homes Programs learned about hidden health risks and common pollutants and toxins.

In partnership with the United Way Youth Individual Account (IDA) Program, 20 youth learned their rights and responsibilities as renters. **1 3** older adults increased their activity levels and reduced their fear of falling through Matter of Balance Classes. 20 Rent Smart participants acquired skills to avoid conflicts and legal hassles with landlords.

Financial Education

More than 830 individuals were reached and improved their financial life skills in 2018.



We were also a partner in **Money Smart Week**®

Bringing financial awareness to the public, free of charge, through educational seminars and activities where consumers can find help throughout our region each spring.

St. Louis County 2018 Annual Report



"Art as Social Justice, Social Justice as Art" Storytelling Walking Tour

We work with communities, businesses,

nonprofits, other public colleges/universities and government partners to **develop** the leadership skills and entrepreneurial know-how **Missourians** need to **build a STRONG FUTURE**.

11559 CONTACTS

- were made related to:
 - starting businesses
 - community arts
- developing community leaders
- renewing the local economy

Business Development

We provided a wide range of services including classes and seminars, individual counseling, easy access to bid opportunities, contract specifications, procurement histories, and all the other information necessary to successfully support businesses. Some highlights include:

The Engaging Local Business event with UMSL was geared towards north St Louis County establishments, to help develop stronger relationships between the university and the businesses. Construction Estimating 101 Class

for business owners to understand how to develop construction estimates accurately.

Business Development Program Outcomes

Our business development program helped client firms achieve the following:

- PTAC Awards = **\$105,711,736**
- Sales Increase = **\$48,602,626**
- Capitalization = **\$20,786,293**
- Jobs created or retained = **1179**
- New business creation = **47**
- Clients counseled = **549**
- Contracts awarded = 925
- Training attendees = **1973**

Community Development

The Neighborhood Leadership Academy (NLA) hosted community leader trainees to provide hands-on guidance, emphasizing community building principles, organizational units, management practices, and personal leadership skills, NLA is hosted by Creating Whole Communities (CWC) which is a collaboration between MU Extension, UMSL, and the community working to create more livable communities.

Southeast Ferguson Leadership Initiative

was a **new collaboration** based on the very successful **NLA**. Our team worked with Urban Strategies to facilitate streamlined lessons and meet the needs of the participants to help them cultivate a stronger **Neighborhood Association**.

"NLF has been the most rewarding educational endeavor l've ever experienced. The tool kit that was built into our curriculum will allow us to elevate poverty stricken communities." - 2018 NLF Cohort

s." NLF Cohort

Graduate

23 individuals from the **St. Louis Promise Zone** graduated from the inaugural year of the **Neighborhood Leadership Fellows Program**.

This nine-month program, a collaboration with **CWC** and the **St. Louis Economic Development Partnership**, aims to increase and amplify the voices of North St. Louis City and County residents at the civic decision-making tables in order to produce more equitable regional policies for neighborhoods.

The CWC's **"What's Brewing?"**

series and the "Neighborhood, Institutions, and the Immigrant Experience" forum brought together more than **3000** community members for critical civic dialogue. They have also partnered with the **Regional Arts Commission** to have conversations

to have conversations focusing on the intersection of art and community building in Old North St. Louis/ St. Louis Place, Dutchtown, Granite City, and The Ville neighborhoods.

Community Arts

The **39th Annual Storytelling Festival** was held over four days in May 2018 throughout the Greater St. Louis Region.



Story Lounge also saw it's debut in 2018 through a collaboration between the Kransberg Arts Foundation and The Storytelling Festival. Stories unravel the Third Thursday of each month at Sophie's Lounge in the **.ZACK** building.



Graduates of the 2018 Master Garden Program.

MU Extension helps Missourians ensure safe and healthy foods, promote environmental sustainability, and strengthen the economic vitality of farms and agribusinesses and the COMMUNITIES that depend on them.

136,34 CONTACTS

- were made related to:
 - gardeners
 - homeowners
- farming and related business
- natural resource programs

Agriculture and Natural Resources

In our efforts to protect the environment and enhance the economic viability of Missouri, we offer a wide variety of programs which address our climate needs in landscaping, gardening, basic lawn care, soil testing, plant diagnostics, and so much more. Some of the highlights of our **2018** workshops and seminars include:

Urban Homesteading -Provided demonstrations and practical information on living a sustainable

lifestyle in an urban

Youth Master Gardening

Program - In coordination with St. Louis County Parks at Queeny Park and our Master Gardeners, we provided youth with a horticultural education through this program

In 2018, we began a series of horticulture speaking series at local

restaurants. Partnering with the Ferguson Farmer's Market we hosted our inaugural engagement at the Ferguson Brewhouse. More than **60** people came to hear Dan Billman's talk on *"How to Grow Plants in St. Louis."*

Additional speakers included Ben Chu, horticulture supervisor and pruning expert with the Missouri Botanical Garden, on **"Pruning** *Shrubs in the Landscape.*"

University of Missouri Extension

setting!

Master Gardeners

The Missouri Master Gardener program is active in 53 of the **114** counties in Missouri. Established in **1983** in a unique partnership between MU Extension and the Missouri Botanical Garden, the St. Louis Gardeners in 2018 have:





In addition to all of the other volunteer service, they also man the Horticulture Answer Service at Kemper Center for Home Gardening at the Missouri Botanical Garden.

Master Naturalist

HAVE LOGGED Through a collaboration with the Missouri MORE THAN Department of Conservation, the local chapter, The Great Rivers Master volunteer Naturalists, engage in active responsible HOURS stewardship of our state's natural resources and community service. Our local chapter volunteers perform service and offer opportunities for educational training about the natural world and how to help protect, preserve, and restore Missouri's natural HERITAGE.

Soil Testing and Plant Diagnostics

Our office provides in-take services for the MU Soil and Plant Testing Laboratory in Columbia. Soils tested for proper nutrients are less likely to have fertilizer over applied, which in turn, helps keep our streams, rivers, and lakes healthier for both people and wildlife.

of the 20,333 soil samples submitted statewide to the soil lab where by the MU Extension, St. Louis County.

Presentations included: garden clubs, schools, businesses, churches, neighborhoods, and civic organizations.

Topics included:

- ABC's of Honeybees
- Backyard Composting
- Best Practices for a Sustainable Garden
- Companion Planting
- Landscaping with Native Trees and Shrubs
- Organic Gardening
- Pruning Basics
- and many other topics.

Additionally, there Annual Holiday Luncheon honored Anne Rankin Horton as their 2018 Outstanding Volunteer.

Master Gardener and Master Naturalist volunteers can be found at:

- St. Louis County Parks
- St. Louis City Parks
- MO Dept. of Conservation
- Brightside St. Louis
- Bring Conservation Home
- Flora Conservancy
- Missouri Botanical Garden
- Shaw Nature Reserve
- Litzsinger Road Ecology Center
- Forest Park Forever
- Rel eaf Missouri
- Little Creek Nature Area
- Bellefontaine Cemetary
- Endangered Wolf Sanctuary
- Wild Bird Sanctuary
- St. Louis Zoo
- Grow Native
- And many other public places

Labor Education

Our Labor Education Program works with members and leaders of workplace-based organizations. Programs help them develop skills to contribute to their organizations, act effectively in the workplace, and be informed and active participants in their communities.

Our monthly **Labor Law Breakfast (LLB)** had more than **300** attendees in **2018**. There were also workshops, seminars, lunches and other forums available to earn Continuing Education Credits.

Continuing Education

The **Missouri Training Institute** provides continuing education, custom-designed training programs and consulting services for business and industry, public and nonprofit organizations and educational institutions. Training programs include subjects such as human resource management, supervision, management, leadership, team building and other business-related topics. In FY 2018, the institute provided 180 programs with approximately 40 participants from St. Louis.

Veterinary Medical Extension and Continuing

Education (VMECE) focuses on issues that impact Missouri veterinarians and livestock owners, such as disease risks, rising input costs and increasing regulations. VMECE also provides continuing education for veterinarians renewing their veterinary licenses.

The **Missouri University Conference Office** provides high-quality, professional, full-service meeting management for a variety of noncredit educational programs, such as conferences, workshops, seminars and symposia. In FY 2018, more than 288 St. Louis residents registered to attend conferences, where knowledge and research across disciplines was shared.

Law Enforcement Training Institute (LETI) brings certified, professional training to law enforcement officers and continuing professional education to other criminal justice and public safety

Meeting the Need

Working with our partners, we began planning an **Opioid in the Workplace** conference for 2019 to specifically address the impact on workers and the workforce.

This initial conference will be used as a pilot for others to be held throughout the state of Missouri.

professionals. For more than 60 years, LETI has been the state's leader in providing training and education services to Missouri's in-service personnel and police recruits annually.

Continuing Medical Education and Physician Lifelong Learning (CMD/PLL) serves MU Extension and the MU School of Medicine by educating physicians and other health care professionals and enhancing the standard of health care delivery statewide. In FY 2018, CME/PLL offered 1,726 noncredit opportunities.

A primary goal for **MU Nursing Outreach** is keeping Missouri nurses up to date with the knowledge and skills they need to provide effective care and fully participate in the state's health care efforts. A full 92 percent of participants reside outside the metropolitan St. Louis and Kansas City areas. In FY 2018, 425 St. Louis County and City residents enrolled in the Outreach program.

MU Extension's **Fire and Rescue Training Institute** (MU FRTI) provides comprehensive continuing professional education and training to Missouri's fire service and emergency response personnel. The institute has a direct impact on the well-being and protection of Missouri's 29,000 firefighters and the 6 million citizens they serve. In FY 2018, MU FRTI provided more than 11,000 hours of instruction to 13,494 fire and emergency responders, which included 694 St. Louis County residents.

University of Missouri Extension

Engagement in the Community

Along with our extensive network of traditional extension programs, MU Extension in St. Louis County brings resources and knowledge to the community through our Annual Dinner and presence at local events throughout the region.

2018 Annual Dinner

On March 30, we hosted our annual dinner at Orlando's in Maryland Heights to recognize our outgoing council members for their service, congratulate new members, and award our Extension Leaders Honor Roll recipients. We were pleased to have Dr. Sam Page, St. Louis County Council Chair and District Two Councilman, as our keynote speaker. He gave a fantastic overview of the work being done in St. Louis County, how we can continue to work together to improve St. Louis County, as well as his goals for the St. Louis region. More than **180** guests attended the dinner. **Our 2018 Extension Leader Honor Roll Recipients included:**

- Christina Elkins, a teacher at Holman Middle School in the Pattonville School District, worked with our 4-H staff to implement the Powerful Girls Rock 4-H club.
- Erica Henderson is the Promise Zone Director for the St. Louis Economic Development Partnership. Erica has been instrumental in the development of the Neighborhood Leadership Fellows program in collaboration with our community development specialist.
- **Douglas Mueller** is the Business Manager for IBEW 1439 whose support for the Labor Law Breakfast series over the years has been unwavering.

2018 Open House Social

We invited former participants, elected officials, partners, business leaders, and the entire community to learn more about MU Extension and the programs we offer. We had the goal to learn what we can do to help improve our impact through our programming and get people engaged with our wide range of programming. Bobby Norfolk, a featured St. Louis Storyteller, shared a story with the crowd and one of our 4-H clubs showcased the skills on how to operate a robot.

Festivals and Outreach Events

We work to increase our visibility in the community by engaging the community at the various festivals in the community such as the University City Festival, the Mizzou Alumni Kick-off event, the St. Louis Partnership Business Center at Wellston Re-grand opening, and many others. A few highlights include:

- The Senior Health Fair at the St. Louis County Library Headquarters brought more than 75 people to our table to learn about the different exercise classes geared toward seniors, gardening classes, housing information, and additional research-based resources that MU Extension in St. Louis County provides.
- The City of Kirkwood Employee Health Fair brought more than 50 Kirkwood employees and their family members to our table to learn about our nutrition programs, as well as our other workshops and educational offerings.





St. Louis County Extension Center located in Kirkwood MO

132 E. Monroe Ave St. Louis, MO 63122

Office / Fax: 314-400-2115 StLouisCo@missouri.edu

St. Louis City Extension Center and Nutrition Education (FNEP) Office

4207 Lindell Blvd, Suite 400 St. Louis, MO 63108

Office / Fax: 314-200-2705 StLouisCity@missouri.edu





SUPPORTING THE UNIVERSITY OF MISSOURI IS AN INVESTMENT IN THE FUTURE OF MISSOURI.

The university advances Missouri citizens and communities through its mission of teaching, research, public service, and economic development across our four campuses and University of Missouri Extension.