

## UFSS 2016 Program Book

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**Abstract**

The 2016 Urban Food Systems Symposium (UFSS), the first of its type, was held to bring together a national and international audience of academic and research-oriented professionals to share and gain knowledge on urban food systems and the role they play in global food security. The symposium included knowledge on: urban agricultural production, local food systems distribution, urban farmer education, urban agriculture policy, planning and development, food access and justice, and food sovereignty. The program book provides the full program of plenary talks, concurrent oral and poster sessions, and tours for the 2016 UFSS.

**Keywords**

symposium, urban food systems

**Presenter Information**

Candice Shoemaker, Eleni Pliakoni, Cary Rivard, Sara Gragg, Judy K. Favor, and Londa Nwadike



*Changing the Way We Think  
About Global Food Security*



Changing the Way We Think  
About Global Food Security

URBAN FOOD SYSTEMS SYMPOSIUM

June 22-25, 2016, Olathe, Kansas U.S.A.

# Symposium Program

**KANSAS STATE**  
UNIVERSITY

Olathe

**CULTIVATE**  
Kansas City

Sponsored by



Mizzou Advantage  
University of Missouri

# The UFSS Organizing Committee Welcomes You!

## **Eleni Pliakoni, Ph.D.**

Committee Chair  
Assistant Professor  
Department of Horticulture and Natural  
Resources

## **Candice Shoemaker, Ph.D.**

Department Head and Professor  
Department of Horticulture and Natural  
Resources

## **Cary Rivard, Ph.D.**

Assistant Professor and Center Director  
Olathe Horticulture Research &  
Extension Center  
Department of Horticulture and Natural  
Resources

## **Sara E. Gragg, Ph.D.**

Assistant Professor  
Food Science Institute  
Department of Animal Sciences &  
Industry

## **Londa Nwadike, Ph.D.**

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Assistant Professor  
Department of Educational  
Leadership

## **Kimberly Oxley**

Research Associate and Urban Food  
Systems Symposium Coordinator  
Department of Horticulture and Natural  
Resources

# About the Urban Food Systems Symposium

The 2016 Urban Food Systems Symposium is a partnership between the Kansas State University Global Food Systems Initiative, our symposium sponsors, and Cultivate Kansas City, a not-for-profit organization that grows food, farms, and community in greater Kansas City. Our goal is to bring together a national and international audience of academic and research-oriented professionals to share and gain knowledge on urban food systems and the role they play in global food security.

This symposium includes knowledge on: urban agricultural production, urban farmer education, urban ag policy, planning and economic development, nutrition and human health, and food security.



**KANSAS STATE**  
UNIVERSITY.

Changing the Way We Think  
About Global Food Security

**URBAN FOOD SYSTEMS SYMPOSIUM**

# Symposium at a Glance

## Wednesday, June 22

3:00 pm Registration

5:00 pm Welcome Reception

## Thursday, June 23

8:00 am Registration

9:00 am Welcome

9:30 am **Keynote Speaker**  
*Julian Cribb, Julian Cribb & Associates*

10:30 am Break  
*Sponsored by Rimol Greenhouse Systems, Inc.*

11:00 am **Invited Speaker**  
*Ken Meter, Crossroads Resource Center*

12:00 pm Lunch

1:30 pm **Oral Sessions 1, 2 and 3**

3:00 pm Break  
*Sponsored by KSU Food Science Institute*

3:30-5:30 pm **Poster Session and Sponsor Exhibits**

7:00-10:00 pm Farm Social

## Friday, June 24

9:00 am Welcome and **Invited Speaker**  
*Nancy Creamer, North Carolina State University*

10:00 am Break  
*Sponsored by Stuppy, Inc.*

10:30 am **Invited Speaker**  
*Sarah Taylor Lovell, University of Illinois*

11:30 am Lunch and **Student Lunch with Wayne Roberts**

12:30 pm Symposium Discussion

1:30 pm **Oral Sessions 4, 5 and 6**

3:00 pm Break  
*Sponsored by KSU Department of Horticulture and Natural Resources*

3:30-5:00 pm **Oral Sessions 7, 8 and 9**

6:30-10:30 pm Symposium Dinner Banquet  
**Banquet Speaker**  
*Wayne Roberts, Canadian Food Policy Analyst and Writer*  
*Sponsored by Mizzou Advantage*

## Saturday, June 25

8:30 am-2:00 pm Symposium Bus Tours

# Keynote and Invited Speakers

## Thursday, June 23

9:30-10:30 am	Julian Cribb – The Age of Food	Forum Hall
11:00 am-12:00 pm	Ken Meter – The Long tradition of Urban Agriculture in the U.S. – and it's Future	Forum Hall

## Friday, June 24

9:00-10:00 am	Nancy Creamer, Building a Local Food Economy in North Carolina	Forum Hall
10:30-11:30 am	Sarah Taylor Lovell, Planning Urban Spaces for Sustainable Food Production	Forum Hall
7:30-8:30 pm	Wayne Roberts, How Food Strategy Creates Cities Most Likely to Succeed	Embassy Suites

## Julian Cribb, Keynote Speaker



Julian Cribb is an Australian author and science communicator. He is a Fellow of the Australian Academy of Technological Sciences and Engineering. His career includes appointments as newspaper editor, scientific editor for The Australian newspaper, director of national awareness for CSIRO, member of numerous scientific boards and advisory panels, and president of national professional bodies for agricultural journalism and science communication. His published work includes over 8000 articles, 3000 media releases and eight books.

## Ken Meter



Ken Meter is one of the most experienced food system analysts in the U.S., integrating market analysis, business development, systems thinking, and social concerns. Meter holds 43 years of experience in inner-city and rural community capacity building. His "Finding Food in Farm Country" studies have promoted local food networks in 107 regions in 37 states and one Canadian province. Meter consults with the USDA Agricultural Marketing Service and led the effort to create a toolkit for measuring economic impacts of local food development. He also serves as an advisor for the USDA Community Food Projects. Meter taught economics at the University of Minnesota, and at the Harvard Kennedy School.

## Nancy Creamer



Dr. Nancy Creamer is a Distinguished Professor of Sustainable and Community-Based Food Systems at North Carolina State University and is the Director of the Center for Environmental Farming Systems (CEFS). Nancy joined the North Carolina State faculty in 1995 and was named Director in 2000. CEFS, located in Goldsboro, is a partnership of North Carolina State University, North Carolina A&T State University and the North Carolina

Department of Agriculture and Consumer Services. Its mission is to develop and promote food and farming systems that protect the environment, strengthen local communities and provide economic opportunities in North Carolina and beyond.

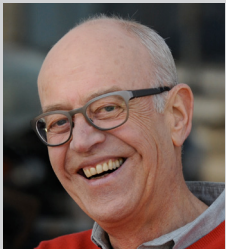
## Sarah Taylor Lovell



Dr. Sarah Taylor Lovell is an Associate Professor of landscape agroecology at the University of Illinois. Her research focuses on the analysis and design of multifunctional landscapes, with an emphasis on urban agriculture and whole-farm planning. Her work assesses the benefits of food production in cities as well as the impact on food security. Recent grants from USDA, NSF, and the Institute for Sustainability, Energy, and Environment (ISEE) provide support for Lovell's lab to study woody polyculture

systems that could offer fruit and nut products, in addition to a wide range of ecosystem services.

## Wayne Roberts



Dr. Wayne Roberts is a Canadian food policy analyst and writer, and he is widely respected for his role as the manager of the Toronto Food Policy Council, which is recognized for its innovative approach to food security. As a leading member of the City of Toronto's Environmental Task Force, he helped develop a number of official plans for the city, including the Environmental Plan and Food Charter, which was adopted by Toronto City Council in 2000 and 2001 respectively. Many ideas

and projects of the TFPC are featured in Roberts' book *The No-Nonsense Guide to World Food* (2008). He also writes a weekly electronic newsletter, *Letters from Wayne* and strong social media presence that includes 42,000 followers on Twitter.

# Evening Social Activities

## Welcome Reception

**Wednesday, June 22 5:00-7:00 pm**

**Embassy Suites, 10401 S. Ridgeview Road, Olathe, Kansas**

Meet fellow attendees at our UFSS Welcome Reception on the rooftop terrace of The J Bar. Snacks and a cash bar will be available. Guests of the Embassy Suites also receive complimentary drinks and snacks from 5:00-7:00 pm as part of the daily evening reception provided by the hotel.



## Farm Social

**Thursday, June 23 7:00-10:00 pm**

**35230 W. 135th Street, Olathe, Kansas 66061**

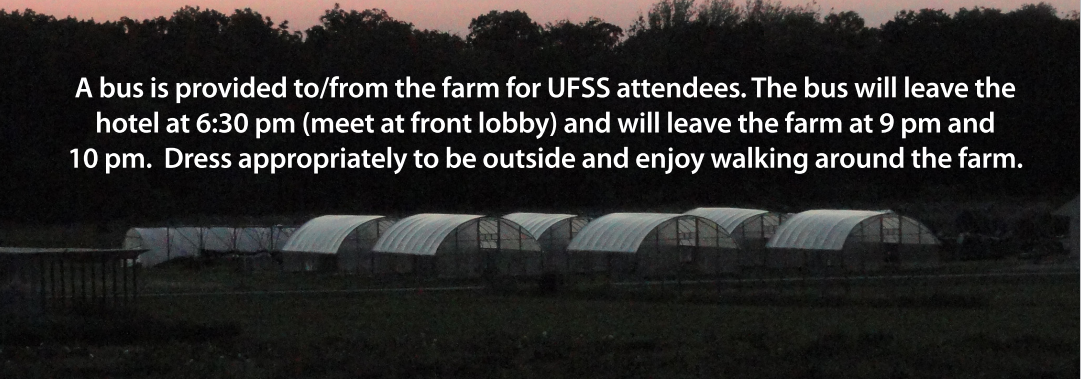
*In case of bad weather, the social will be held at K-State Olathe*



We will travel ~25 minutes to the KSU Olathe Horticulture Research and Extension Center for the UFSS Farm Social that provides a great setting for relaxing and meeting other conference attendees.

Light dinner and refreshments will be provided as well as hayrides, live music and a campfire. In accordance with Kansas State University alcohol policy, this event is a fundraiser to support the Urban Food Systems graduate students.

**A bus is provided to/from the farm for UFSS attendees. The bus will leave the hotel at 6:30 pm (meet at front lobby) and will leave the farm at 9 pm and 10 pm. Dress appropriately to be outside and enjoy walking around the farm.**





# Symposium Dinner Banquet

Friday, June 24 6:30-10:30 pm

Embassy Suites, 10401 S. Ridgeview Road, Olathe, Kansas

Enjoy live acoustic music and a delicious meal that will celebrate locally-grown foods prepared by Chef Peter Kiger. The dinner speaker, Wayne Roberts, is a noted Canadian food policy analyst and writer. After dinner, boogie down with the musical stylings of Elgin Smith as he unleashes a collection of jazz, funk, and soul records that are sure to keep your feet moving. Cash bar will be available at 6:30 pm. Dinner will be served at 7:30 pm.

## **Banquet Speaker, Wayne Roberts** ***How Food Strategy Creates Cities Most Likely to Succeed***

Wayne Roberts has been active in public health, food studies and local food organizations across North America for over 20 years. He will share his observations about North American and global trends affecting food studies and public health movements at this time, the opportunities and challenges that exist, and what he sees as unique opportunities for creating sustainable urban food systems.



### ***The banquet will feature local farms and food including:***

Bauman's Cedar Valley Farm, Garnett, Kansas

Borgman's Dairy Farm, Kansas City, Missouri

Gieringer's Orchard, Edgerton, Kansas

Shatto Milk Company, Osborn, Missouri

Cultivate KC Gibbs Road Farm, Kansas City, Kansas

Cultivate KC, Juniper Gardens Training Farm, home of  
New Roots for Refugees, Kansas City, Kansas

Kansas State University Olathe Horticulture Research and  
Extension Center, Olathe, Kansas

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# Oral Sessions

**Each oral presentation will be 15 minutes, and a 30 minute panel discussion with all speakers will take place after each session.**

## **Session 1: Urban Food Production Systems**

*Thursday, June 23, 1:30pm, Room 221*

- Concepts of Sustainable Intensification for Urban Food Production Systems, *Jessie L. Vipham, Kansas State University*
- Factors Contributing to and Limiting Vegetable Crop Productivity Across an Urban to Rural Transect in Greater Chicago, Illinois, *Ross Wagstaff, University of Illinois*
- Integrating High Tunnel Production to Provide Resiliency for Urban and Peri-urban Supply Chains, *Cary Rivard, Kansas State University*
- Managing Urban Garden Soils to Minimize Potential Soil Contaminant Transfer to Humans, *Ganga Hettiarachchi, Kansas State University*

## **Session 2: Policy, Planning and Advocacy**

*Thursday, June 23, 1:30pm, Room 222*

- Strategic Planning: Exploring the Scope and Participants of the Food Movement to Enhance Systemic Change, *Kelly Moore, University of Florida*
- St. Louis Regional Food Study Evaluates the Evolution of Industrial Food Production and Its Impacts on Public Health, Economics, and Environment, *Melissa Vatterott, Missouri Coalition for the Environment*
- Constructing Resilient Systems in the Conservative South, *Makenna Coon, College of Charleston*
- Just Like Mama Used to Make: Urban Farming as an Adjunct to the Federal Import Regulatory Scheme Regarding Immigrant Foodways, *Wendy Tien, U.S. Department of Justice*

## **Session 3: Nutrition and Human Health**

*Thursday, June 23, 1:30pm, Room 223*

- Nutrition and Food Safety Extension Programming in Urban Kansas City, *Londa Nwadike, Kansas State University and the University of Missouri*
- Incentivizing SNAP Transactions at Farmers' Markets in Cleveland, Ohio, *Amanda Osborne, Ohio State University Extension*
- Development of an Environmental Health Risk Assessment Framework for Consumption of Foraged Items in the Urban Environment: a Baltimore, MD Case Study using Berries and Greens, *Chris Zuidema, Johns Hopkins Bloomberg School of Public Health*
- Increasing Access to Fresh Fruits and Vegetables in a South Los Angeles Food Desert, *Cynthia Davis, Charles R. Drew University of Medicine and Science*

## **Session 4: Urban Farmer Training**

*Friday, June 24, 1:30pm, Room 221*

- Developing New Farmers at Cultivate Kansas City, *Katherine Kelly, Cultivate Kansas City*
- The Kinsman Farm: A Case Study of an Urban Incubator Farm, *Jacqueline Kowalski, The Ohio State University*
- Creating the Feeding Communities Project, an Urban Agriculture Training Program Designed for the Colorado Front Range, *Brien Darby, Denver Botanic Gardens*
- Growing Growers Training Program – Maximizing Impact through Collaboration, *Marlin Bates, Kansas State University*

## **Session 5: Food Security I**

*Friday, June 24, 1:30pm, Room 222*

- Fighting Racism at its Root: An Examination of San Diego's Community Gardens, *Jane Henderson, University of San Diego*
- Discursively Constructing Middle Class Positions: Food Insecurity Stories at a Midwestern Food Pantry, *Megan A Koch-Schraedley, University of Missouri*
- Food Systems for an Increasingly-Urban Population, *Tanner Roark, Oklahoma State University*
- Informal Assistance and the Risk of Household Food Insecurity for Urban Families, *Christian King, University of Nebraska*

## **Session 6: Community and Economic Development I**

*Friday, June 24, 1:30pm, Room 223*

- Embedding Food Systems Development in Local Government, *Helen Schnoes, Douglas County, Kansas*
- Iterative Mappings: Spatial Analysis for Community Food Resilience, *Ellen Burke, PLA, Cal Poly San Luis Obispo*
- The Urban Fisher Ecology: the Case of the Artisanal Fishing Community of the Bay of Chorrillos, Lima, Peru, *Hector Bombiella, Iowa State University*
- Intergenerational Community Development through Urban Food Systems, *Kelly Henderson, Ohio State University*

## **Session 7: Food Security II**

*Friday, June 24, 3:30pm, Room 221*

- Increasing Access to Local Food by Extending Shelf Life of Fresh Vegetables, *Eleni Pliakoni, Kansas State University*
- Mobile Farmers' Market Pilot Project Brings Everyone to the Table, *Ariel Agenbrood, University of Idaho*
- Evaluating the Local Food System of Manhattan, Kansas: Producer and Institution Perspectives, *Candice Shoemaker, Kansas State University*
- Gathering Baltimore's Bounty: Characterizations of Urban Foraging Behaviors, Motivations and Barriers, *Colleen Synk, Johns Hopkins Center for a Livable Future, Johns Hopkins Bloomberg School of Public Health*

## **Session 8: University/College Programs**

*Friday, June 24, 3:30pm, Room 222*

- The Urban Edge: The Role of Urban Student Organic Farms in Raising Awareness of Food System Inequities, *Peyton Ginakes, University of Minnesota*
- Advancing Urban Food Systems with Community-Campus Partnerships, *Jacob Rayl, Indiana State University*
- Linking Undergraduate Student Learning Outcomes to Urban Agriculture in the Twin Cities, *Mary Rogers, University of Minnesota*
- From University to Community: Providing Fresh Produce to Food Insecure Urban Communities in Greensboro, North Carolina, *Sanjun Gu, North Carolina A&T State University*

## **Session 9: Community and Economic Development II**

*Friday, June 24, 3:30pm, Room 223*

- Design and Decision Making for Year-Round Market Vegetable Production: Scale, Systems, and Season Extension, *Greg Garbos, Four-Season Tools, City Bitty Farm, AgRoofs*
- Local Farmer's Markets as a Tool for Community Development, *Mary Rodriguez, Ohio State University*
- Funding Kansas Community Gardens: Lessons from a Mini-Grant Project, *Cheryl Boyer, Kansas State University*
- The Giving Grove Impact on Food Insecurity in Kansas City, *Amanda Lindahl, The Giving Grove*

# Poster Sessions

**All poster authors must present during the poster session. Authors of odd-numbered posters should stand next to their poster from 3:30-4:30 pm and authors of even-numbered posters should be next to their poster from 4:30-5:30 pm.**

## **Challenges of Growing in Urban Areas**

1. Experiences of Managing 18Broadway, An Urban Sustainability site, in KCMO: Benefits and Challenges, *Catherine Bylinowski, University of Missouri Extension*
2. Local Food System Opportunities in Wichita, Kansas, *Rebecca McMahon, Kansas State University Research and Extension*
3. Reducing Food Losses of Locally Grown Produce by Optimizing Pre- and Postharvest methods, *Eleni D. Pliakoni, Kansas State University*

## **Community and Economic Development**

4. Good Food Education: A Community Centered Model, *Billy Polansky, Columbia Center for Urban Agriculture*

## **Connecting Urban Consumers with Agriculture**

5. Seeds of Prosperity: Connecting Local Food System Partners to Build a Stronger Food System, *Pamela Duitsman, University of Missouri Extension*

## **Policy, Planning and Advocacy**

6. Building Local Food Councils to Improve Community Food Security, *Pamela Duitsman, University of Missouri Extension*
7. Food Advocacy at Macalester College-an Urban Liberal Arts College, *Vivian Mitnick, Macalester College*

## **Nutrition and Human Health**

8. Food Handling Practices and Food Safety Messaging Preferences of African American and Latino consumers in Urban Areas of Kansas City, *Londa Nwadike, Kansas State University*

## **Urban Farmer Training**

9. Growing Refugee Farmers in Kansas City, *Alicia Ellingsworth, Cultivate Kansas City*
10. Developing an Urban Food System Study Tour to Enhance Student's Experiential Learning, *Kelly Gude, Kansas State University*
11. Developing a Comprehensive Master Urban Farmer Training Program, *Mike Hogan, The Ohio State University*

## **Urban Farmer Training (cont.)**

12. Using Square-Foot Gardening as a Tool to Teach Crop Science in Urban Settings, *Odile Huchette, NC A&T State University*
13. The KoolKat: A Demonstrational Mobile Cooling Unit to Support the Development of Small and/or Urban Farms, *Cary L. Rivard, Kansas State University*

## **Urban Food Production Systems**

14. Urban Agriculture Production Manual: A Resource For Growing a Sustainable Urban Food System, *Natalie Cotter, University of Wisconsin*
15. Permaculture and Urban Agriculture: Utilizing Regenerative Design Within Cities to Improve Environmental and Human Health While Supporting Local Economies, *Matt Frank, Dovetail Partners, Inc.*
16. Expanding Opportunities for Urban and Peri-Urban Farmers by Developing a Spring-Planted High Tunnel Strawberry Production System, *Kelly Gude, Kansas State University*
17. The Longwood Graduate Program and Bright Spot Farms: Creating an Updated Program Model for an Urban Agriculture Non-Profit, *Erin Kinley, University of Delaware*
18. A Meta-analysis of Grafted Tomato Trials to Determine Rootstock Performance, *David Loewen, Kansas State University*
19. A Comparison of Soil Management Systems for Urban Agriculture, *Elizabeth A. Miernicki, University of Illinois Urbana-Champaign*
20. The 2016 Urban Food Systems Symposium: A Professional Meeting to Change the Way We Think About Global Food Security, *Kimberly Oxley, Kansas State University*
21. Deep Winter Greenhouses: A Growing Movement in Minnesota, *Liz Perkus, University of Minnesota*
22. Use of Passive Modified Atmosphere Packaging (MAP) at a non-optimum Temperature to Improve Shelf Life and Quality of Locally Grown Vegetables, *Eleni D. Pliakoni, Kansas State University*
23. The Effects of Leaf Removal on Adventitious root Formation and plant Growth of Grafted Tomatoes, *Lani Meyer, Kansas State University*
24. Heavy Metal Deposition and Soil Microbial Abundance in Urban Raised Bed Food Gardens, *Ross Wagstaff, University of Illinois*

# Thursday, June 23

Time	Activity	Location
8:00-9:00 am	<b>Registration</b>	K-State Olathe Lobby
9:00-9:30 am	<b>Welcome</b> <i>Eleni Pliakoni - Chair of the Organizing Committee</i> <i>April Mason - Provost, Kansas State University</i> <i>John Floros - Dean of the College of Agriculture, Kansas State University</i>	Forum Hall
9:30-10:30 am	Keynote Speaker, <b>Julian Cribb – The Age of Food</b>  Dramatic evolution in the global diet, cuisine and consumer preferences will change the food we eat more profoundly than at any time in history. Driven by emerging challenges in agriculture, coupled with a doubling in global demand, our diet will change in ways scarcely recognizable to today's consumer. This will be accompanied by a paradigm shift in food production systems that will lead to vast diversification in the range of foods, that we consume and to a new diet of astonishing diversity and delicious flavors. This will herald a wealth of new business, culinary and dietary opportunities in this, The Age of Food.	Forum Hall
10:30-11:00 am	Break <b>Sponsored by Rimol Greenhouse Systems, Inc.</b>	Bistro
11:00–12:00 am	Invited Speaker, <b>Ken Meter - The Long tradition of Urban Agriculture in the U.S. – and it's Future</b>  Often, the question of urban agriculture is posed as: "Is it realistic to grow food in urban areas?" This is a critically important question. Yet I start by posing a dramatically different discussion: "When oil gets scarce and expensive, how would any city survive unless it grows much of its own food?" I'll address the first question indirectly, by taking a close look at the second. I will touch upon the history of urban and rural agriculture, look at food security issues, then outline food-growing initiatives in several U.S. cities today. I will also draw some lessons from The Netherlands and Japan.	Forum Hall

Time	Activity	Location
12:00-1:30 pm	Lunch	Bistro
1:30-3:00 pm	<b>Oral Session 1: Urban Food Production Systems</b>	Room 221
	<b>Oral Session 2: Policy, Planning and Advocacy</b>	Room 222
	<b>Oral Session 3: Nutrition and Human Health</b>	Room 223
3:00-3:30 pm	Break <i>Sponsored by Kansas State University Food Science Institute</i>	
3:30-5:30 pm	<b>Poster Session and Networking</b>	Room 220



Come and view recent research and outreach efforts being conducted in Urban Food Systems. This is a great time to network with other researchers and Urban Food Systems practitioners, exchange ideas and share information.

*\*All poster authors must present during the poster session. Authors of odd-numbered posters should stand next to their poster from 3:30-4:30 pm and authors of even-numbered posters should be next to their poster from 4:30-5:30 pm.*

3:30-5:30 pm	<b>Sponsor Exhibits</b> This is also an opportunity to learn more from our symposium sponsors.	2nd Floor Hallway
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7:00-10:00 pm	<b>Farm Social</b> 35230 W. 135th St., Olathe, Kansas 66061 <i>In case of bad weather, the social will be held at K-State Olathe</i>	OHREC
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Join us for a fun and relaxing evening at the farm where you will have the opportunity to network with other symposium attendees while exploring the research projects related to urban food systems.

### Bus Schedule

Bus leaves from Embassy Suites to KSU-Olathe at 8:15 am  
 Bus leaves from KSU-Olathe to Embassy Suites at 5:30 pm  
 Bus leaves from Embassy Suites to Farm Social at 6:30 pm



# Friday, June 24

Time	Activity	Location
9:00-9:10 am	<b>Welcome</b> <i>Ralph Richardson, Interim CEO, Kansas State University- Olathe</i> <i>Katherine Kelly, Executive Director, Cultivate Kansas City</i>	Forum Hall
9:10-10:00 am	Invited Speaker, <b><i>Nancy Creamer, Building a Local Food Economy in North Carolina</i></b>  <p>In 2010, the Center for Environmental Farming Systems (CEFS) published a State Action Plan "From Farm to Fork: A Guide to Building North Carolina's Sustainable Local Food Economy".</p> <p>The Farm to Fork Action Plan developed ideas for policy makers, educational institutions, government agencies, social and environmental activists, and other stakeholders. Most of the "Game Changer" ideas that were developed have now been completed by an engaged coalition of organizations and agencies in the state, along with significant funding partners. This presentation will describe the process and outcomes of the initiative.</p>	Forum Hall
10:00-10:30 am	Break <b><i>Sponsored by Stuppy, Inc.</i></b>	Bistro
10:30-11:30 am	Invited Speaker, <b><i>Sarah Taylor Lovell, Planning Urban Spaces for Sustainable Food Production</i></b>  <p>Urban agriculture is expanding in many cities throughout the US, as a land use option to address food insecurity, economic instability, and urban disinvestment. In order for urban agriculture to be better integrated into the green infrastructure of the city and to contribute to a wide range of ecosystem services, new designs that incorporate perennial vegetation are needed. This presentation will discuss the role of urban planners and landscape designers in developing and promoting multifunctional spaces that increase the visibility and safety of food production in modern cities.</p>	Forum Hall



Time	Activity	Location
11:30am-12:30 pm	Lunch	Great Plains Room
11:30am-12:30 pm	<b>Student Lunch with Wayne Roberts</b> Wayne Roberts invites the students attending the symposium to have lunch with him and discuss job opportunities in the food industry.	Room 223
12:30-1:30 pm	<b>Next Steps for the Urban Food Systems Symposium</b>  The 2016 Urban Food Systems Symposium was initiated and supported by a grant from Kansas State University as well as sponsorship from several entities including the University of Missouri and the city of Kansas City, Missouri. This facilitated discussion will allow attendees to provide feedback on the future of the symposium as well as opportunities to participate in the planning process of future meetings.	Great Plains Room
1:30-3:00 pm	<b>Oral Session 4: Urban Farmer Training</b> <b>Oral Session 5: Food Security I</b> <b>Oral Session 6: Community and Economic Development I</b>	Room 221 Room 222 Room 223
3:00-3:30 pm	Break <i>Sponsored by Kansas State University Department of Horticulture and Natural Resources</i>	Bistro
3:30-5:00 pm	<b>Oral Session 7: Food Security II</b> <b>Oral Session 8: University/College Programs</b> <b>Oral Session 9: Community and Economic Development II</b>	Room 221 Room 222 Room 223
6:30-10:30 pm	Symposium Dinner Banquet Dinner Speaker, <b>Wayne Roberts, How Food Strategy Creates Cities Most Likely to Succeed</b> <i>Sponsored by Mizzou Advantage</i>	Embassy Suites

### Bus Schedule

Bus leaves from Embassy Suites to KSU-Olathe at 8:30 am  
 Bus leaves from KSU-Olathe to Embassy Suites at 5:15 pm



# Saturday, June 25

## Symposium Bus Tours

As an attendee of the 2016 UFSS, all participants will have the opportunity to see what is happening in Kansas City related to urban food systems. Three bus tours are being delivered in coordination with the 2016 Urban Grown Farm Tour, which is an annual event that is organized by Cultivate Kansas City. Boxed lunches, water, and morning snacks will be provided on the buses. Wear comfortable shoes.



***Please be outside of the Embassy Suites to load buses at 8:15 am.  
Departure time for the bus tours is at 8:30 am.***

Tour #1	Tour #2	Tour #3
<p>This tour will include several urban farms in Kansas City as well as lunch at the Kauffman Gardens. It will also feature a Montessori Farm School, a Cultivate KC production/training Farm, two community gardens, and the sustainable ag farm at Johnson County Community College.</p> <p>Little Sprouts Montessori 2514 s 49th Terrace, KCK, 66106</p> <p>Cultivate Kansas City Gibbs Road Farm 4223 Gibbs Road, KCK, 66106</p> <p>The Ivanhoe Children's Garden &amp; Scouts Sprouts 3700 Woodland, KCMO, 64109</p> <p>Woodland City Organics 1804 E 36th Street, KCMO, 64109</p> <p>Kansas City Community Gardens Kauffman Community Garden &amp; Orchard 4750 Troost Ave, KCMO 64110</p> <p>Johnson County Community College – Open Petal Farm 12345 College Blvd, Overland Park, KS, 66210</p>	<p>Includes the Cultivate KC Refugee incubator farm and one started by a graduate. We will visit 18 Broadway, an iconic garden downtown, and have lunch at the City Market, the oldest farmer's market in the area. This tour includes a communal neighborhood farm as well as an aquaponics facility.</p> <p>Cultivate Kansas City – Juniper Gardens Training Farm 100 Richmond Ave, KCK, 66061</p> <p>Karen Fresh 5626 Farrow Ave, KCK, 64104</p> <p>18 Broadway 18th and Broadway, KCMO, 64108</p> <p>City Market 5th and Walnut, KCMO, 64106</p> <p>Longfellow Farm 920 E. 30th Street, KCMO, 64109</p> <p>Nile Valley Aquaponics 29th and Wabash, KCMO, 64127</p>	<p>This tour will visit southern KCMO and will include a non-for-profit training farm for teenage boys, an urban livestock farm, and City Bitty Farm, home of Four-Season Tools. It will also include an urban homestead and a grocery store that specializes in locally-grown foods.</p> <p>BoysGrow 9301 E. 147th St., KCMO, 64149</p> <p>Bonnie View KC 9903 Grandview Rd, KCMO, 64137</p> <p>City Bitty / Four Season Tools 9615 Grandview Road, KCMO, 64137</p> <p>Loud House Farm 4206 E 113, KCMO, 64137</p> <p>Local Roots 808 W. Main St. Grandview, MO 64030</p>

# What to Do in Kansas City

Between its early roots in agriculture and its development during the jazz era, Kansas City has a rich and vibrant history as well as a newfound revitalization within its urban core. For more information, visit [www.VisitKC.com](http://www.VisitKC.com).

## **Kansas City's Not So Secret Gardens**

Kansas City has long been celebrated for cheerfully bubbling fountains and lush, tree-lined boulevards. Now, the word's getting out about the city's gardens, beautiful destinations that are ideal for a leisurely stroll, a picnic or a day spent marveling at the wonders of nature.



## **City Market**

Since 1857, the City Market has been one of the largest and most enduring public farmers' markets in the Midwest, linking growers and small businesses to the Kansas City community. In addition, more than 40 full-time tenants offer an eclectic mix of dining, shopping, entertainment and attractions year-round.



## **Country Club Plaza**

Known for its premier shopping opportunities, the Country Club Plaza encompasses a 15-block district with more than 150 shops and dozens of fine restaurants. The Country Club Plaza was the first open-air mall in the United States and is known for its Seville-inspired architecture.



## **Crossroads Arts District**

Near historic Union Station, the Crossroads Art District is home to more than 400 local artists and 100 independent studios, the Crossroads Arts District is one of the most concentrated gallery districts in the nation. Beyond the galleries, restaurants and storefronts, you'll find an equally impressive collection of professional design studios, architectural firms, advertising agencies, and other innovative businesses.



## **Power and Light District**

Kansas City's newest cultural attraction for tourists and locals alike. Located alongside the Sprint Center, home of the Big 12 Championships, the Power and Light District is typically full of sports-enthusiasts and others cheering on local teams like the Kansas City Royals and Kansas City Chiefs.



## **Westport and Midtown**

Due its high frequency of stylish glasses and skinny jeans, Westport is definitely known as the "hipster hangout" of Kansas City. Just like most hipsters, Westport has an eclectic mix of characteristic attractions.



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# Acknowledgments

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***If you are interested in serving as a reviewer for the proceedings of the Urban Food Systems Symposium, please contact Candice Shoemaker at [cshoemak@ksu.edu](mailto:cshoemak@ksu.edu)***



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