

# 2018 Urban Food Systems Symposium

August 8-11, 2018

Graduate Minneapolis (2nd Level)

615 Washington Ave SE

Minneapolis, MN 55414

Wednesday, August 8		Location
10:00 a.m. - 4:00 p.m.	Optional Pre-symposium tour- <i>Picnic Tour &amp; Exploration of the New Urban Food System Landscape</i> Visits to Rondo and Frogtown neighborhood gardens and farms	Depart from the Graduate
4:00 p.m. - 7:00 p.m.	Registration	
5:00 p.m. - 7:00 p.m.	Welcome Reception	Pinnacle Ballroom
Thursday, August 9		
8:00 a.m. - 9:00 a.m.	Registration and breakfast	Meridian Foyer/ Ballroom
9:00 a.m. - 9:30 a.m.	Welcome <i>Mary Rogers - Chair of the Organizing Committee</i> <i>Greg Cuomo- Associate Dean for Research and Graduate Programs, UMN College of Food, Agricultural and Natural Resource Sciences</i>	Meridian Ballroom
9:30 a.m. - 10:30 a.m.	Invited Speaker: <i>Anu Ramaswami, University of Minnesota-Twin Cities</i> Toward a more equitable, healthy, and environment- friendly urban food system	Meridian Ballroom
10:30 a.m. - 11:30 a.m.	Break - Exhibits & Posters	Meridian Foyer
11:30 p.m. - 1:00 p.m.	Lunch	Meridian Ballroom
1:00 p.m. - 1:30 p.m.	Break - Exhibits	Meridian Foyer
1:30 p.m. - 3:00 p.m.	Oral Session 1 – Challenges of Growing in Urban Areas Moderator – Cary Rivard	Meridian 1
1:30	The Community Land Trust Model and the Securing of Urban Agriculture Sites in the Twin Cities <i>Martin Bailkey, Global Land Alliance</i>	
1:45	Characterizing Risks From Heavy Metal Contamination in Soil, Irrigation Water, and Urban-Grown Produce From Baltimore City's Urban Farms and Gardens <i>Sarah Lupolt, Johns Hopkins</i>	
2:00	New York City Commercial Urban Agriculture: A Needs Assessment <i>Judson Reid, Cornell Cooperative Extension</i>	
2:15	Nutrient Recycling and Loss Associated With Urban Agriculture <i>Chip Small, St. Thomas University</i>	
2:30	<b>Panel Discussion</b>	
1:30 p.m. - 3:00 p.m.	Oral Session 2 – Community and Economic Development Moderator – Hikaru Peterson	Think 4

	1:30	Metrics and Indicators for Impact from Farmers Markets <i>Alfonso Morales, University of Wisconsin-Madison</i>	
	1:45	Metropolitan Food Systems: What is Extension's Unique Role? <i>Kara Lubischer, University of Missouri Extension</i>	
	2:00	Growing a Healthier Food System Through City-Community Partnership <i>Tamara Downs-Schwei, City of Minneapolis</i> <i>Latasha Powell, Appetite for Change</i>	
	2:15	Preparing Culturally Responsive Agricultural and Food Systems Interns for Urban Agricultural Education <i>Illana Livstrom, University of Minnesota-Twin Cities</i>	
	2:30	<b>Panel Discussion</b>	
1:30 p.m. - 3:00 p.m.	Oral Session 3 – Food Security in Cities Moderator – Karl Hakanson		
	1:30	L.A. Helping L.A. <i>Gessica Davila, Charles R. Drew University</i>	
	1:50	Urban Orchards: A Means to Creating Neighborhood Resilience, Placemaking, and Food Security <i>Robert Reiman, The Giving Grove</i>	Think 5
	2:10	The Fair Food Access Campaign: A Grassroots Response to Food Insecurity in Duluth <i>Emily Richey, Duluth Community Garden Program</i> <i>Brooke Wetmore, Zeitgeist Center for Arts &amp; Community</i>	
	2:30	<b>Panel Discussion</b>	
3:00 p.m. - 4:00 p.m.	Break- Exhibits & Posters Undergraduate Poster Presentations		Meridian Foyer
4:30 p.m. - 6:00 p.m.	UMN St. Paul Campus Student Organic Farm Tour Bus leaves Graduate Hotel at 4:15 p.m. and arrives at The Good Acre at 4:35 p.m.		UMN St. Paul Campus
6:00 p.m. - 8:00 p.m.	Dinner at the Bell Museum of Natural History, UMN St. Paul campus. <i>Keynote presentation by LaDonna Redmond, University of Minnesota-Twin Cities</i>		Bell Museum
<b>Friday, August 10</b>			
8:00 a.m. - 9:00 a.m.	Continental breakfast and exhibits		Meridian Foyer
9:00 a.m. - 10:00 a.m.	Invited Speaker: <i>Chieri Kubota, The Ohio State University</i> Controlled Environment Agriculture for Urban Food Production		Meridian Ballroom
10:00 a.m. - 10:30 a.m.	Break		Meridian Foyer
10:30 a.m. - 11:30 a.m.	Overview on Federal Support for Urban Agriculture Initiatives Beth Nelson, NC-SARE and Ian Marvey, USDA Farm Service Agency Facilitated by Valentine Cadieux		Meridian Ballroom
11:30 a.m. - 12:30 p.m.	Lunch		Meridian Ballroom
12:30 p.m. - 1:30 p.m.	Keynote Speaker: <i>Malik Yakini, Detroit Black Community Food Security Network</i> Food, Land, and Power: Towards Justice and Equity		Meridian Ballroom
1:30 p.m. - 3:00 p.m.	Oral Session 4 – Food System Policy and Advocacy Moderator – Hannah Ramer		Meridian 1

	1:30	From Activism to Entrepreneurship: Transitioning to Market Gardens and Preserving Community Identity <i>Lucas Zeidner, University of Minnesota-Twin Cities</i>	
	1:45	Passing the Torch and Activating our Urban Youth, Cooking and Organizing with Appetite For Change <i>Princess Titus, Appetite For Change</i> <i>Ieshia Dabbs, Appetite for Change</i> <i>Jessie McDaniel, Appetite for Change</i>	
	2:00	Food Mapping with Latino Immigrants in Southeastern Minnesota <i>Fernando Burqa, University of Minnesota-Twin Cities</i>	
	2:15	Planning Strategy to Build Regional Food Systems: The Case of Wanju, South Korea <i>Seulgi Son, University of Michigan</i>	
	2:30	<b>Panel Discussion</b>	
1:30 p.m. - 3:00 p.m.	Oral Session 5 – Training for Urban Farmers Moderator – Eleni Pliakoni		
	1:30	New and Beginning Farmers and Ranchers Program: Training and Assisting Urban Farmers in Alabama <i>E'licia Latrese Chaverest, Alabama A&amp;M University</i>	
	1:45	Solving Winston-Salem's Food Insecurity Problem, One Urban Farm at a Time <i>Mary Jac Brennan, NC A&amp;T State University</i>	Think 4
	2:00	Food Safety and GAPs for Growing in an Urban Environment <i>Annalisa Hultberg, University of Minnesota</i>	
	2:15	Integrating Theory, Practice and Entrepreneurship: The UConn Extension Urban Agriculture Training Program <i>German Cutz, University of Connecticut</i>	
	2:30	<b>Panel Discussion</b>	
1:30 p.m. - 3:00 p.m.	Oral Session 6 – Urban Food Production Systems Moderator – Mary Rogers		
	1:30	Building Food Policy Networks & Community Visions: Challenges & Opportunities <i>Megan McGuffrey, University of Nebraska-Omaha</i>	
	1:45	Reclaiming Wastewater From Local Food Industries to Produce Energy and High-Value Urban Crops <i>Ignasi Riera Vila, University of Minnesota-Twin Cities</i>	Think 5
	2:00	Exploring the Potential of Amaranth and Unique Eggplant Varieties as Niche Market Vegetable Crops in the Piedmont Region of North Carolina <i>Sudan Gyawaly, North Carolina A&amp;T State University</i>	
	2:15	Wastewater Treatment Using Microalgae for a Sustainable Urban Food System <i>Dr. Yulie Meneses, University of Nebraska-Lincoln</i>	
	2:30	<b>Panel Discussion</b>	
3:00 p.m. - 3:30 p.m.	Break- Exhibits & Posters		Meridian Foyer
3:30 p.m. - 5:00 p.m.	Oral Session 7 – Education and Youth Development Moderator – Claire Flavin		
	3:30	Building Lead-Resilient Kids Through Targeted Nutrition <i>James Doten, City of Minneapolis</i>	Think 4
	3:50	Home Country Urban Food Systems Study Tour-Enhancing Student's Experiential Learning <i>Dr. Eleni Pliakoni, Kansas State University</i>	

	4:10	Developing Community Leadership Through Food at Youth Farm <i>Gunnar Liden, Youth Farm</i>	
	4:30	<b>Panel Discussion</b>	
3:30 p.m. - 5:00 p.m.	Oral Session 8 – Urban Food Distribution Systems Moderator – Adam Kay		Think 5
	3:30	How Has the Water Crisis Changed the Support for Local Food Systems Work in Flint, Michigan <i>Julia Darnton, Michigan State University Extension</i> <i>Terry McLean, Michigan State University Extension</i>	
	3:45	Toward a Financially Sustainable Farm Stand Model for Lower-Income Urban Communities <i>Nichole Herrli, University of St. Thomas</i>	
	4:00	The Good Acre: An Innovative Food Hub <i>Rhys Williams, The Good Acre</i>	
	4:15	Full Lives in North Minneapolis: Strengthening an Interdependent Comprehensive Food Sector Panel <i>Misty Blue, Rainbow Research - Moderator</i> <i>Michael Chaney, Project Sweetie Pie</i> <i>Ann Fix, Northside Food Business Incubator</i> <i>Maya Gray, Green Garden Bakery/Urban Strategies</i> <i>Julie Nielsen, NorthPoint Health &amp; Wellness Center</i> <i>Miah Ulysse, Appetite For Change/Northside Fresh Coalition</i>	
	4:30	<b>Panel Discussion</b>	
3:30 p.m. - 5:00 p.m.	Oral Session 9 – Urban Planning and Development Moderator – Fernando Burga		Meridian 1
	3:30	Local Planning for Urban Food Systems: Strategic Communications Through a Planning Resource <i>Nadja Berneche, Terra Soma LLC.</i>	
	3:45	Adding Some Bite: Recent Advances in Midwestern Food Systems Planning <i>Helen Schnoes, Douglas County, Kansas</i> <i>Ashley Jones-Wisner, KC Healthy Kids</i>	
	4:00	The Promise of Urban Agriculture <i>Anusuya Rangarajan, Cornell University</i>	
	4:15	Stifling Efforts to Build Urban Food Systems: How Preemption Can Impact Your Community <i>Mary Marrow, Mitchell Hamline School of Law</i> <i>Ashley Jones-Wisner, KC Healthy Kids</i>	
	4:30	<b>Panel Discussion</b>	
<b>Saturday, August 11</b>			
7:30 a.m. - 2:00 p.m.	Optional Post-Symposium Tour- <i>North Minneapolis Community Food Systems Tour</i> Organized by Greater Twin Cities United Way		Depart from the Graduate (top of escalators)

## POSTER PRESENTATIONS

#01: HANCHOTTE (*Coccinia abyssinica*), a Tropical Ethiopian Root Crop Under the Minnesota Climatic Condition

*Kano Banjaw*, Minnesota Food Association

#02: Meeting Consumer Preferences With Locally Grown Spinach in a High Tunnel System

*Konstantinos Batziakas*, Kansas State University

#03: At the Intersection of Food Systems and Nutrition, an Innovative, Integrated and Experiential Model for FACS Classrooms

*Jenny Breen*, University of Minnesota

#04: Building an Urban Agriculture Education Center in Lawrence, Kansas

*Tom Buller*, Kansas State University

#05: Business Planning and Marketing Education for Aspiring Inner-City Youth and Urban Community Gardeners

*Duncan Chembezi*, Alabama A&M University

#06: Role of Food Hubs and Farmers Markets in Serving Economically Depressed and Underserved Urban Communities

*Duncan Chembezi*, Alabama A&M University

#07: Is Coffee Chaff an Effective Mulch in Urban Agriculture?

*Katie Dennis*, University of St. Thomas

#08: Landscape to Table: How Fine Gardening Can Encourage Urban Food Production

*Byron Emmons*, Heidi's Lifestyle Gardens

#09: A Community Food Assessment: Engaging A Community Around Capacity Building and Needs Assessment

*Heather Gillich*, University of Missouri

#10: Integrating Food Programs and Policy: The Evolution of Cass Clay Food Partners

*Abby Gold*, North Dakota State University

#11: Consumer Preference of Locally-produced Strawberries Grown in High Tunnels.

*Kelly Marie Gude*, Kansas State University

#12: Deep Winter Greenhouses: Passive Solar Design for Winter Food Production

*Daniel Handeen*, University of Minnesota

#13: Passive Diurnal Temperature Manipulation Effects on Productivity and Pigmentation of Spring and Fall High Tunnel-grown Red Lettuce (*Lactuca sativa*)

*Dana Hilfinger*, The Ohio State University

#14: Developing a Green Business and Urban Agriculture Plan for the 14th Largest City in America

*Mike Hogan*, The Ohio State University

#15: Strengthening Organic Sweetpotato Propagation Systems in the North Central Region

*Zachary Hoppenstedt*, Kansas State University

#16: Connecting Students and the Community on Local Food Issues

*Odile Huchette*, North Carolina A&T State University

#17: Biculturalism as a Guiding Principle for Promotion of Nutrition and Fruit Consumption

*Ange Hwang*, Asian Media Access

#18: Collaborative Evaluation of Ecosystem Services Provided by Urban Agricultural Best Management Practices in the Twin Cities Metropolitan Area

*Nicolas Jelinski*, University of Minnesota

#19: Hydroponic Salad Tables: a Personal Agricultural System for Nutrition and Food Security in Urban Communities

*Colin Jones*, University of Minnesota

#20: Putting Culture Back into Agriculture: A Report on Integrating Art and Urban Agriculture

*Seitu Jones*, Goddard College

#21: Glean Hudson Valley: Aligning Abundance and Scarcity for a Just and Equitable Food System

*Evelina Knodel*, Columbia University

#22: Anti-Environmentalism, Gender and Employment: Contestations over the Construction of the 'Frog Hotel' on Harare, Zimbabwe's Wetlands, 2012-2018  
*Bernard Kusena, University of Zimbabwe*

#23: The Grafting of Bell Peppers (*Capsicum annuum*) onto Pepper (*Capsicum*) and Tomato (*Solanum lycopersicum*) Rootstocks, and the Effects on Yield and Plant Morphology  
*David Loewen, Kansas State University*

#24: Food Waste is Not Waste - New Agrifood Technology Turns What Others Have Disgarded Into Nutrients for Animal and Human Health  
*Sue Marshall, Netzro LLC*

#25: Using Local Indicators and Spatial Analysis to Assess Healthy Food Access in Baltimore City  
*Caitlin Misiaszek, Johns Hopkins University*

#26: Metrics and Indicators for Impact from Farmers Markets  
*Alfonso Morales, University of Wisconsin*

#27: How to Dialogue on Diet: Fostering Healthier Eating through Popular Education  
*Lisa Oliver-King, Our Kitchen Table*

#28: The Many Facets of Food Justice What is Food Justice?  
*Lisa Oliver-King, Our Kitchen Table*

#29: Farmers Markets of Minneapolis: Development of a Collaborative Model  
*Hikaru Peterson, University of Minnesota*

#30: Driving Towards a Culture of Healthy Eating Through Innovative and Equitable Food Access  
*Tom Phillips, StarkFresh*

#31: Comparative Analysis of Traditional Farming and IPM in Cowpea in Rampur, Chitwan  
*Shreena Pradhan, Agriculture and Forestry University*

#32: Eat Local, Grow Local: A Workshop Series for People who want to Grow Food in their Yards  
*Bethany Pratt, University of Kentucky*

#33: Urban Gardening in Minneapolis, 1900-1920: Labor, Race, and Real Estate  
*Hannah Ramer, University of Minnesota*

#34: Across the Lifespan: Exploring Urban Food Policy, Food Education and Nutritional Health  
*Julie Smith Hinders, Upper Iowa University*

#35: Assessing the Needs of Urban Agriculture Programs in New Orleans, Louisiana  
*Anna Timmerman, Louisiana State University*

#36: Move Your Foot Then Eat  
*Veronica Ward, Charles R. Drew University of Medicine and Science*

#37: A Tale of Two Neighborhoods: Urban Food Systems as Equity Makers  
*Melissa Williams, Saint Anthony Park Community Council; and Samantha Hodges, University of Minnesota*

## UNDERGRADUATE POSTER PRESENTATIONS

#38: Evaluating Leachate Nutrient Flux Losses From Various Compost Treatments in Urban Agriculture

*Jenna Abrahamson*, University of St. Thomas

#39: Quantifying the Effects of Summer Cover Crops on Soil Quality Through Measurement of Particulate Organic Matter (POM)

*Sarah Becknell*, Berea College

#40: Evaluating Key Pest and Beneficial Arthropods in Urban Community Garden Sites in the Twin Cities Metro Area

*Naomy Candelaria*, University of Puerto Rico

#41: Effects of Organic and Inorganic Fertilizers on Lettuce and Kale Grown in Non-Circulating Hydroponic Systems

*Keislamari Cintron*, Interamerican University of Puerto Rico

#42: Real Life Science: Culturally Relevant Curriculum for Urban Students

*Jillian Hartmann*, FAIR School/Minneapolis Public Schools

#43: Feed Your Brain Campaign

*Emma Kiley*, Hamline University

#44: Hamline University Micro Farm

*Emma Kiley*, Hamline University

#45: Summer Production of Lettuce Under Shade

*Jessyca Martinez-Velez*, University of Puerto Rico-Utuado

#46: Effects of Plant Biodiversity on Insect Herbivory and Leaf Disease in Urban Agriculture

*Meagan McFarlin*, University of St. Thomas

#47: Growing North Minneapolis

*Patsy Parker*, University of Minnesota

#48: Spatial Distribution and Bio-Availability of Lead in Urban Soils

*Michael Sousa*, University of Minnesota

#49: Collard Greens and Communities

*Matthew Wagner*, University of Minnesota

#50: Effect of Water Treatment Residual (WTR) on Phosphorus Sorption for Rain Garden Application

*Hannah Wallace*, University of St. Thomas