



June 11-13, 2024
Hyatt Regency Columbus
Columbus, OH

2024 Urban Food Systems Symposium Posters

Visit with the poster authors during the Poster Session Reception June 11, 3:45-5 p.m.

Poster numbers follow the name of the poster.

Featured Posters/Lightning Sessions

Assessing the Role of U.S. Urban Forests on Food and Nutritional Access Under Climate Change (1)

Alessandro Ossola and Pooja Singh – University of California Davis

Lessons from One Year of Food Policy Council Activity in Flint & Genesee County, Michigan (2)

Kelly McClelland – Michigan State University Extension; Samantha Farah – Crim Fitness Foundation; Athena McKay – Flint Innovative Solutions; Tony Vu – Flint Social Club

At-Risk for Food Insecurity: Developing a Locally-Relevant Measure (3)

Laura Vollmer and Lucy Diekmann – University of California Cooperative Extension; Cassandra Nguyen – University of California, Davis

Amaranth Greens as a Model for Nutrient-Dense, Culturally Preferred Produce in an Urban Setting (4)

Tori Rosen, Dr. Ramu Govindasamy, Dr. Albert Ayeni, and Dr. Jim Simon – Rutgers University

Posters

Climate Change and Food Waste

Impact of Regenerative Agriculture on Mitigation Salt Stress in Tomato Cultivars Within Urban Miami (5)

Luis Cendan and Dr. Amir Khoddamzadeh – Florida International University

Role of UPA in Climate Change: A Review of GHG Emissions and Carbon Sequestration Methods (6)

Abdulhakeem Al-Qubati – UNU-FLORES

Food System Policy and Advocacy

Mapping Support for Urban Agriculture in California (7)

Jennifer Pihlak – Cal Poly Pomona

Increasing Local Food Consumption in K-12 Schools in South Dakota (8)

Blake Pulse – South Dakota State University

Innovative Urban Ag Curriculum and Federal Partnership; Bridging Gaps, Building Community (9)

Kyle Karnuta, Judson Reid, and Victoria Giarratano – Cornell Cooperative Extension

Improving Information Access via Prototype Design with Memphis Food Providers and Community Members (10)

Angelica Carey – Innovate Memphis

Urban Agriculture Incentive Zones: Assessing the Viability of California's AB551 (11)

Belinda Ramírez – Stanford University



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Production Systems, Challenges, and Growing in Protected Environments

NURTURE KG - Navigating Urban Resilience Through Urban Food Ecosystems Using Knowledge Graphs (12)

Aryan Dalal and Handey Küçük McGinty - Kansas State University-Manhattan; Majid Jaberi-Douraki & Eleni Pliakoni – Kansas State University-Olathe

Shredded Cardboard Mulch Reduces Weed Pressure and Irrigation Needs for Twin Cities Urban Gardens (13)

Morgan Smith – University of Minnesota

Involving Youth in Urban Ag

Minority Youth Perspectives on Sustainable Agriculture Through Experiential Learning Opportunities (14)

Charles Carpenter and Jeremy Cowan – Kansas State University

Youth Cultivating Change with the Food Literacy Project in Louisville, Kentucky (15)

Grace Mican, Leticia Campbell, Gabriella Hohman & Youth Community Agriculture Program Crew Member – The Food Literacy Project

Planning, Community and Economic Development

Ag in the Community (16)

Nanette Neal and Trevor Corboy – The Ohio State University

Urban Metabolism of ASEAN Night Markets Based on Biological Principles (17)

Maria Villaseca – The Ohio State University

Cut-and-Come-Again Lettuce Production: Lessons Learned from Research in Urban Production Systems (18)

Leigh Whittinghill – Connecticut Agricultural Experiment Station; Christine Jackson – UF/IFAS Extension; Pradip Poudel – Pennsylvania State University

Harmonizing New Jersey Preservation Policies for Conservation Community Development (19)

Alex Rivera – Kean University; Meredith Taylor – Rutgers University; Jeff Everett - Rutgers University

Exploring the Relationships Between Built Environment and Food Accessibility in a Large Metro Area (20)

Shahadat Hossain and Dr. Shakil Kashem – Kansas State University

Southern Nevada Agricultural Roundtable: Building the Movement (21)

Kaley Chapin, Carolina Martinez, and Staci Emm – University of Nevada, Reno

Training Urban Farmers

Developing the Bearcat Pantry and Resource Center Urban Garden at the University of Cincinnati (22)

Joy Kostansek – University of Cincinnati; Brian Grubb

Food Distribution Systems

Urban University Food System Roles and Reflections (23)

Julie Fox – The Ohio State University

Local Procurement Guides Informed by an Early Care Coalition and a Multi-Season Purchasing Pilot (24)

Ali Segna, Robin Peth-Pierce – The Ohio State University



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Nutrition, Human Health, and Food Security

WIC Perks: 5 Years of Incentivizing WIC Farmers' Market Nutrition Program through Extension (25)

Amanda Osborne – The Ohio State University

Expanding Access to Locally Grown Produce for Recipients of Nutrition Benefits (26)

Suzanne Saggese – The Ohio State University; Amy Abodeely – Toledo-Lucas County Health Department

Safely Growing in Mildly Lead Contaminated Urban Soils – Case Studies from Kansas City, Missouri (27)

Chandima Wekumbura Wekumbure Gedara, Dr. Ganga Hettiarachchi, & Jack Murphy – Kansas State University

Utilization of Community Gardens During and Since COVID-19 Among Underserved Communities in Rockford (28)

Ravneet Kaur – University of Illinois, College of Medicine Rockford; Carol Erikson – University of Illinois Extension; Kristine Zimmermann; Shannon Layng; Vicki Weidenbacher-Hoper; Mathew Dalstrom; Manorama Khare

Development of Resilient Urban Food Systems that Ensure Food Security in the Face of Climate Change (29)

Eleni Pliakoni, Cary Rivard, Tricia Jenkins, and Ganga Hettiarachchi – Kansas State University; Logan Britton, Agricultural Economics; Sara Hadavi, Landscape Architecture and Regional & Community Planning; Majid Jaber-Douraki, Mathematics; Tania Kim, Entomology; Hande McGinty, Computer Science; Parthap Parameswaran, Civil Engineering; Manreet Bhu

The Hudson County Produce Prescription and Food Pharmacy Initiative (30)

Delma Yorimoto – Rutgers

Exploring Food Insecurity in Historically Redlined Areas: A Case from Kansas City, Missouri (31)

Sara Hadavi – Kansas State University; Paden Crews – Confluence

Rutgers SNAP Gap Project: Community Based Participatory Research on SNAP Enrollment (32)

Jennifer Taylor, Veronica Jones, Ricardo Kairios – Rutgers Cooperative Extension

Production Systems, Challenges, and Protected Environments

Exploring Nutrient Solution Management Techniques in Hydroponic Production (33)

Puja Subedi and Dr. Teng Yang – Kansas State University Olathe

The Ripple Effects of Community Gardens (34)

Patrick Nehring – University of Wisconsin-Madison Extension Brown & Kewaunee Counties

Enhancing Microbial Safety of Hydroponic Systems with the Use of Ultraviolet Irradiation (35)

Manreet Bhullar, Markanna Moore, Eleni Pliakoni, and Teng Yang – Kansas State University

Strengthening Community Capacity and Increasing Access to Healthy Food in Springfield, Illinois. (36)

Yves Doumen – Motherland Gardens Community Project