



Mid-Atlantic

URBAN AGRICULTURE SUMMIT
OCTOBER 12-14, 2021

Creating Healthy Communities Through Urban Agriculture

Virtually Only • Via Zoom

Tuesday, October 12, 2021

| TIME | ACTIVITY |
|----------------|---|
| 1:00 - 1:30 PM | <p>WELCOME SESSION</p> <p>Dr. Leonard Githinji, Associate Professor and Urban Agriculture Extension Specialist, <i>Virginia State University</i></p> <p>Dr. Janine P. Woods, Associate Administrator, Extension Programs, <i>Virginia State University</i></p> <p>Dr. M. Ray McKinnie, Dean and Extension Administrator, College of Agriculture, <i>Virginia State University</i></p> |
| 1:30 - 2:30 PM | <p>KEYNOTE: Karen Washington – Rise & Root Farm, <i>New York City</i></p> <p>Introduction of Keynote Speaker: Dr. Leonard Githinji, <i>Virginia State University</i></p> |
| 2:30 - 3:00 PM | <p>Q and A</p> <p>Session Host: Jessica Harris, <i>Virginia State University</i></p> |
| 3:00 - 3:10 PM | <p>BREAK</p> |
| | <p>BREAKOUT SESSIONS (Oral Presentations)</p> |

| TIME | BREAKOUT SESSION 1 Moderator: Dave Close (Virginia Tech) | BREAKOUT SESSION 2 Moderator: Dr. Leonard Githinji (Virginia State University) |
|----------------|---|--|
| | Urban Agriculture, Community Gardening & Food Security | Innovations in Urban Agriculture: Business, Technology & Policy |
| 3:10 - 3:30 PM | It's ALL about the Soil: Tips and Tricks for Urban Soil Improvement <i>Kirsten Conrad</i> (Virginia Cooperative Extension) | Just Sustainability or Green Gentrification: How Policy can Support Equitable Urban Agriculture during and beyond the COVID-19 Pandemic <i>Caroline Boules & Yuki Kato</i> (Univ. of Maryland, College Park) |
| 3:30 - 3:50 PM | The \$100 Salad <i>Tyler Baras</i> (Area 2 Farms) | The Effect of Different Light Treatments on the Growth of Vegetable Amaranth and Egyptian Spinach Microgreens <i>Peter Ampim, Eric Obeng, Ernesto Olvera Gonzalez, & Aruna Weerasooriya</i> (Prairie View A&M University) |
| 3:50 – 4:10 PM | Building Partnerships for Gardens in Public Spaces <i>David Sachs</i> (Arlington Friends of Urban Agriculture) | Water Quality And Fish Health Issues In Small-scale Aquaculture RAS And Aquaponics Production Systems In Virginia <i>David Crosby, Chyer Kim, & Chris Mullins</i> (Virginia State University) |
| 4:10- 4:20 PM | BREAK | BREAK |
| 4:20 - 4:40 PM | A Box or Two with Medicine <i>Henriette den Ouden</i> (Univ. of Maryland Eastern Shore) | Cultivating Wellness, Safety, and Accessibility in Urban Agriculture: Innovations in Assistive Technologies for Farmers and Gardeners <i>Garland Mason, Kim Niewolny & Liza Dobson</i> (Virginia Tech) |
| 4:40 - 5:00 PM | Prevalence and Antimicrobial Resistance (AMR) of Foodborne Pathogens in Value-added Commodities Procured from Farmers' Markets in Central Virginia <i>Chyer Kim, Ramesh Dhakal, Eunice Ndegwa, Theresa Nartea</i> (Virginia State University) | Lambsquarters and Malabar Spinach, two underutilized crops that Can Help Mitigate the Effects of Climate Change while creating new income streams for farmers and foodies <i>Shanna White & Mamatha Hanumappa</i> (University of the District of Columbia) |

Wednesday, October 13, 2021

| TIME | ACTIVITY | |
|----------------|---|---|
| 1:00 - 2:00 PM | <p>KEYNOTE: Kristof Grina, <i>Up Top Acres, Washington D.C.</i></p> <p>Introduction of Keynote Speaker: Diane Lenoir-Giles, FSA Richmond VA</p> | |
| 2:00 - 2:30 PM | <p>Q and A</p> <p>Session Host: Shalonda Venable-Royster, Virginia State University</p> | |
| 2:30 - 2:45 PM | <p>BREAK</p> | |
| | <p>BREAKOUT SESSIONS (Oral Presentations)</p> | |
| | <p>Urban Agriculture, Community Gardening & Food Security</p> <p>Moderator: Dr. Zelalem Mersha (Virginia State University)</p> | <p>Innovations in Urban Agriculture: Business, Technology & Policy</p> <p>Moderator: Dave Close (Virginia Tech)</p> |
| 2:45 - 3:05 PM | <p>Potentials, pitfalls and prospects of biologically-based approaches to combat garden diseases</p> <p>Zelalem Mersha (Virginia State University)</p> | <p>Research opportunities in Urban Agriculture</p> <p>Laban Rutto (Virginia State University)</p> |
| 3:05 - 3:25 PM | <p>Emergence and Yield of Container Grown Egyptian Spinach (<i>Corchorus olitorius</i> L.) in Response to Fabric Covering</p> <p>Eric Obeng, Peter Ampim, Aruna Weerasooriya (Prairie View A&M University)</p> | <p>Urban Agriculture & Food Security: Indoor hydroponic berry production, with and without pollination</p> <p>Lisa Horth (Old Dominion University)</p> |
| | <p>BREAKOUT SESSIONS (Oral Presentations)</p> | |

| | Urban Agriculture, Community Gardening & Food Security Moderator: Dr. Zelalem Mersha (Virginia State University) | Innovations in Urban Agriculture: Business, Technology & Policy Moderator: Dave Close (Virginia Tech) |
|---|--|---|
| 3:25 - 3:45 PM | Planting the Seeds of Revolution <i>Oren Falkowitz</i> (Area 2 Farms) | Evaluating the performance of Orius insidiosus as a predator of thrips in greenhouse-grown geraniums <i>Chris Epes</i> (Virginia Cooperative Extension) |
| 3:45 - 4:00 PM | BREAK | BREAK |
| BREAKOUT SESSIONS (Poster Presentations) | | |
| 4:00 – 4:15 PM | Assessing the Benefits of Organic Mulch Application at an Urban Farm in Richmond, Virginia <i>Leonard Githinji</i> & Patrick Johnson (Virginia State University) | The effects of potassium ferrate (VI) on the quality of chicken thigh meat <i>Wendy Attuquayefio</i> , Mike Barnas, James McNaughton, & Skyler Lewis (AHPharma Inc.) |
| 4:15 – 4:30 PM | Urban Ag Certification During COVID-19 <i>S. Aisha Steplight Johnson</i> (VSU COA Sustainable Urban Agriculture Certification Program) | Genetic variation of leafy vegetables on lead and chromium accumulation in their edible parts <i>Shuxin Ren</i> , Vasile Cerven, Jian Huang, Leonard Githinji, Asmare Atalay & Guoliang Jiang (Virginia State University) |
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Thursday, October 14, 2021

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| 1:00 - 2:00 PM | <p>KEYNOTE: Dr. Gail Myers - <i>Farms To Grow, Inc., Oakland, CA</i></p> <p>Session Host: Jovan Adams, Virginia State University</p> |
| 2:00 - 2:30 PM | <p>Q and A</p> <p>Session Host: Jovan Adams, Virginia State University</p> |
| 2:30 - 3:30 PM | <p>PANEL DISCUSSION</p> <p>Blocks of Benefits for Urban Plots (USDA)</p> <p>Session Moderator: David Kriz, NRCS Assistant State Conservationist for Water Resource Operations.</p> <p>Panelists: Dr. Edwin Martinez Martinez, State Conservationist (NRCS); Monta Worley, County Executive Director, USDA New Kent Service Center (FSA); Julianna Arnett, Senior Marketing Specialist (AMS); Herman Ellison, State Statistician, Virginia Field Office (NASS); Laurette Tucker, Rural Business Service Specialist (RD); & Kara Motosicky, Acting Public Affairs Director (FNS)</p> |
| 3:30 - 4:00 PM | <p>VIRTUAL FARM TOUR</p> |
| 4:00 - 5:00 PM | <p>PANEL DISCUSSION</p> <p>Controlled Environmental Agriculture in Urban Areas</p> <p>Session Moderator: Chris Mullins, VSU Extension Specialist, Greenhouse</p> <p>Dr. Michael Schwarz (Virginia Tech); Dr. Jonathan van Senten (Virginia Tech); Bob Lane (Virginia Tech); Dr. David Crosby (VSU); Dr. Reza Ovissi (Virginia Tech); Dr. Mike Evans (Virginia Tech); & Dr. Scott Lowman (IALR)</p> |
| 5:00 - 5:15 PM | <p>SUMMIT EVALUATION</p> |
| 5:15 - 5:30 PM | <p>CLOSING REMARKS / ADJOURN</p> <p>Dr. Leonard Githinji, Associate Professor and Urban Agriculture Extension Specialist, <i>Virginia State University</i></p> |

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