

AGENDA

Innovation and Design in Vertical Agriculture & Sustainable Urban Ecosystems

June 27th

9:00 AM – 12:30 PM

Jefferson Auditorium, USDA South Building, 1400 Independence
Ave N.W., Washington D.C. 20250

Organizers: U.S. Department of Agriculture & U.S. Department of Energy

Participation: Open to the Public, RSVP at: <https://www.eventbrite.com/e/innovation-design-vertical-agriculture-and-sustainable-urban-ecosystems-tickets-44896967037>

9:00 AM – 9:30 AM

Welcome

Dionne Toombs, PhD, Director

USDA Office of the Chief Scientist

David Babson, PhD, Senior Advisor

USDA Office of the Chief Scientist

Sarah Federman, PhD, AAAS STFP Fellow

USDA Office of the Chief Scientist

Jefferson
Auditorium

9:30 AM – 10:00 AM

Sustainable Urban Ecosystems & Metrics of Success

Sabine O'Hara, PhD | Dean of CAUSES, University of the
District of Columbia

10:00 AM – 10:30 AM

Envisioning Vertical Agriculture

Dickson Despommier, PhD | Emeritus Professor, Columbia
University

10:30 AM – 11:00 AM

Break

11:00 AM – 11:30 AM

Indoor Agriculture in Practice

Nate Storey, PhD | Co-Founder & Chief Scientific Officer,
Plenty United Inc.

11:30 AM – 12:30 PM

Lightning Talks: State of the Practice

Jason Jackson | Re-Nuble

Jonathan Pereira | Plant Chicago

Ashley Milton, PhD | 11th Street Bridge Park

Gregory Kiss | Kiss + Cathcart, Architects

John Hartung, PhD | USDA ARS, Beltsville Agricultural
Research Center

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June 28th

9:30 AM – 12:30 PM

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|----------------------------|---|---------------------------------|
| 9:30 AM – 10:00 AM | Welcome
Chavonda Jacobs-Young, PhD , Acting REE Deputy
Under Secretary and Chief Scientist at USDA | Jefferson
Auditorium |
| 10:00 AM – 10:30 AM | Expanding Applications for Controlled Environment
Agriculture
Raymond Wheeler, PhD NASA Exploration Research
and Technology | |
| 10:30 AM – 11:00 AM | Break | |
| 11:00 AM – 11:30 AM | Starlings ‘Hilbert’s Problem’s’ of Vertical Farming
Economics
Nick Starling Chairman, Skyscraper Farm, LLC | |
| 11:30 AM – 12:00 PM | Integrating Vertical Agriculture into Urban Industrial
Ecosystems
Weslynn Ashton, PhD Associate Professor, Illinois
Institute of Technology Stuart School of Business | |
| 12:00 PM – 12:30 PM | Closing Remarks
David Babson, PhD , Senior Advisor
USDA Office of the Chief Scientist
Sarah Federman, PhD , AAAS STFP Fellow
USDA Office of the Chief Scientist
John Hartung, PhD , USDA ARS, Beltsville Agricultural
Research Center | |

Additional Instructions:

To enter the workshop, once you reach the USDA South Building (1400 Independence Avenue, S.W.), travel along Independence Avenue to the **Visitors entrance - Wing 3**. This is where you will enter. When you enter the building, you must show a recent photo ID, such as a driver’s license, and any materials you bring (bags, etc.) will be screened. The security personnel will have a list of registered attendees and you should identify that you are here for the Vertical Agriculture and Sustainable Urban Ecosystems workshop in the Jefferson Auditorium. You will receive a restricted building pass for the day, which includes access to the USDA Cafeteria.