10:00am-10:10am- Welcome and Introductions

10:10am-10:50am- **Controlled Environment Greenhouse and Hydroponics - Limitless Opportunity**

*Merle Jensen, Professor Emeritus, School of Plant Sciences, The University of Arizona, Founder of the UA-CEAC in 2000*

10:50am-11:00am- Questions

11:00am-11:40am- **Hydroponics, Medium Composition & Delivery Systems**

*Myles Lewis, MS, Owner, Arizona Vegetable Company & Instructor, CEAC Leafy Greens Intensive Workshop*

11:40am-11:50am- Questions

11:50am-12:00pm- 10min Break

12:00pm-12:15pm- Sponsor/Exhibitor Presentations (3)

12:15pm-12:55pm- **Managing Plant Nutrition for Quality Crop Production**

*Stacy Tollefson – Professor of Practice, Biosystems Engineering, The University of Arizona
Instructor, CEAC Tomato Intensive Workshop*

12:55pm-1:05pm- Questions

1:05pm-1:45pm- **Greenhouse Structures- Glazing and Environmental Control**

*Gene Giacomelli – Professor, Biosystems Engineering, The University of Arizona*

1:45pm-1:55pm- Questions

1:40pm- 1:50pm- 10 min Break

1:50pm-2:00pm- Sponsor/Exhibitor Presentations (2)

2:00pm-2:15pm- Breakout Rooms/ Networking

2:15pm- 2:55pm- **Monitoring Your Greenhouse Environment: Simple Tools to Technology Trends**

*Murat Kacira – Professor, Biosystems Engineering, The University of Arizona
Director, University of Arizona’s Controlled Environment Agriculture Center*

2:55pm- 3:05pm- Questions
10:00am-10:40am - Pest Identification and Control Strategies
*Stacy Tollefson – Professor of Practice, Biosystems Engineering, The University of Arizona*  
*Instructor, CEAC Tomato Intensive Workshop*

10:40am-10:50am - Questions

10:50am-11:30am - Fundamentals on Supplemental and Sole Source Lighting for CEA
*Erik Runkle, Professor, Department of Horticulture, Michigan State University*

11:30am-11:40am - Questions

11:45am-11:55am - 15 min Break

11:55am-12:20pm - CEAC Mission Award  
Sponsor/Exhibitor Presentations (3)

12:20pm-1:00pm - Fertigation Systems in CEA - Simple to Complex
*Neil Mattson, Professor, School of Integrative Plant Science Horticulture Section, Cornell University*

1:00pm-1:10pm - Questions

1:10pm - 1:25pm - 15 min Break

1:25pm-1:40pm - Sponsor/Exhibitor Presentations (3)

1:40pm-2:00pm - Breakout Rooms/ Networking

2:00pm-2:40pm - The Indoor Farming Revolution – State of the Art Technology, Food Safety, Sustainability and Careers in the Growing Local Food Economy
*Jenn Frymark, Chief Greenhouse Officer, Gotham Greens*

2:40pm-2:50pm - Questions
DAY 3
March 17th, 2021

10:00am-10:40am- Fundamentals of Hemp- Opportunities and Challenges in the Industry
Hope Jones, Founder & CEO, Emergent Cannabis Sciences

10:40am-10:50am- Questions

10:50am-11:30am- Environmental Control in Greenhouses and Vertical Farms Based on Plant Physiology
Leo Marcelis, Professor of Horticulture and Product Physiology, Wageningen University

11:30am-11:40am- Questions

11:40am-12:00pm- 20 min Break

12:00pm-12:20pm- Sponsor/Exhibitor Presentations (4)

12:20pm-1:00pm- The Potential of Indoor Propagation: Environmental Optimization for a Better “Start”
Ricardo Hernandez- Asst. Professor, Horticultural Science, NC State University

1:00pm-1:10pm- Questions

1:10pm-1:25pm- 15 min Break

1:25pm-1:40pm- Sponsor/Exhibitor Presentations (3)

1:40pm-2:00pm- Breakout Rooms/ Networking

2:00pm-2:40pm- Mushrooms in CEA
Barry Pryor, Professor, School of Plant Sciences, The University of Arizona

2:40pm-2:50pm- Questions