

# 2018 Virginia Smart Farming Conference Using Controlled Environment Agriculture



Institute for Advanced Learning and Research (IALR)  
150 Slayton Avenue, Danville, VA 24540

**Thursday, September 13, 2018**

**8:30 a.m. Registration – Coffee and morning snacks**

**9:00 a.m. Conference Welcome ..... Auditorium**

Martha A. Walker, Ph.D.  
Virginia Tech/ Virginia Cooperative Extension  
Scott Lowman, Ph.D.  
Institute for Advanced Learning and Research

**Keynote: Building a Controlled Environment Agriculture Business**

Neil Mattson, Ph.D.  
Cornell University, Ithaca NY

**10:15 a.m. Networking Break**

**10:30 a.m. Business Development, Planning, & Marketing ..... Auditorium**

Alex White, Ph.D.  
Virginia Tech

**11:30 p.m. Networking Luncheon ..... Atrium**

*Greetings from Exhibitors*

**12:30 p.m. – 2:15 p.m. Concurrent Sessions**

Room A	Room B	Auditorium
<b>CEA - on the Farm</b>	<b>CEA – in Greenhouses</b>	<b>CEA - Indoor &amp; Vertical Farms</b>
Protected Culture on the Farm Chris Mullins Virginia State University	Smart Farming Technology in the Greenhouse John McMahon Schuyler Greens	Evaluating LED Technologies for Commercial Operations Chris Higgins Hort Americas
Smart Farming Technology on the Farm Jim Reed measure.io	Local Vegetable Production Using Hydroponics Jerry Conner Four Oaks Farms, LLC, Wirtz VA	Energy Use, Economics & Niches for Vertical Farms Neil Mattson Cornell University
Using Drones on the Farm Samantha Smith-Herndon IALR	Using Technology in Greenhouse Food Production Chris Higgins Hort Americas	Computer Vision Technology in Vertical Farming Daniel Caccavelli IALR
Moderator	Moderator	Moderator

**2:15 – 2:30 Networking Break .....Atrium**

**2:30 p.m. Brags and Blunders ..... Auditorium**

Panel:

John McMahon  
Schuyler Greens, Schuyler, VA

Ryan Pierce  
Fresh Impact Farms, Arlington VA

Jerry Conner  
Four Oaks Farms, LLC, Wirtz VA

Joyce Latimer, Ph.D.  
Virginia Tech/ Virginia Cooperative Extension  
Moderator

**3:30 p.m. Wrap up ..... Auditorium**

Martha A. Walker, Ph.D.

**3:40 p.m. Tours of IALR (optional) .....Atrium**

Scott Lowman, Ph.D.

**4:30 p.m. Adjourn**

**Thanks to our Sponsors**



If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please contact Joyce Latimer, Horticulture, at 540-231-7906/TDD# 800-828-1120 during business hours of 8:00 a.m. and 5:00 p.m. to discuss accommodations 5 days prior to the event.



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