



# 2015 AERGC/NCERA-101 JAM Agenda

## Wednesday, July 08, 2015

4:00 pm – 7:00pm	Registration, Blackwell Lobby	
4:00 pm – 6:00pm	<b>AERGC Executive Meeting</b> Knowlton Hall Lobby <b>NCERA 2016 Meeting Planning</b> Knowlton Hall Lobby	<b>Informal Tours Ag Campus Greenhouses</b> Take CLS to Ag Campus stop or walk to Howlett Hall Tours start every half hour (Howlett GH (Horticulture and Crop Science), Howlett Green Roof, Ornamental Plant Germplasm Center, Kottman GH (Plant Pathology))
6:15 pm – 9:00 pm	<b>Welcome Reception, Sponsor Meet &amp; Greet</b> Blackwell Patio	

## Thursday, July 09, 2015

7:30 am – 9:00 am	Registration, Blackwell Lobby
7:15 am – 8:15 am	Breakfast, Blackwell Ballroom
7:45 am – 8:00 am	<b>Sponsor Roll Call, Blackwell Ballroom</b>
8:00am – 9:00 am	<b>Sponsor Roundtable, Blackwell Ballroom</b>
9:00 am - 9:30 am	Travel to Center for Applied Plant Sciences (CAPS) Take CLS & Shuttles to Bevis Hall Poster Session open in 100 BioTech Support Facility (BSF)

9:30 am – 3:00 pm	<b>Demonstrations and Tours, CAPS</b>							
9:30 am – 11:30 am	<b>Group A</b>	<b>Group B</b>	<b>Group C</b>	<b>Group D</b>	<b>Group E</b>	<b>Group F</b>	<b>Group G</b>	<b>Group H</b>
9:30 - 9:55 am	<b>ABRC</b>	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>
10:00 – 10:25 am	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>	<b>ABRC</b>
10:30 - -10:55 am	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>	<b>ABRC</b>	<b>TML RH 205</b>
11:00 – 11:25 am	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>	<b>ABRC</b>	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>
11:30 am – 12:45 pm	<b>Lunch</b> , Beekman Park							
1:00 pm – 3:00 pm	<b>Group A</b>	<b>Group B</b>	<b>Group C</b>	<b>Group D</b>	<b>Group E</b>	<b>Group F</b>	<b>Group G</b>	<b>Group H</b>
1:00 – 1:25 pm	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>	<b>ABRC</b>	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>
1:30 – 1:55 pm	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>	<b>ABRC</b>	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>
2:00 – 2:25 pm	<b>Demo 4 BSF 124</b>	<b>Poster Session BSF 100</b>	<b>ABRC</b>	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>
2:30 – 3:00 pm	<b>Poster session BSF 100</b>	<b>ABRC</b>	<b>TML RH 205</b>	<b>Trellis Demo RH 102</b>	<b>Demo 1 BSF Chamber #6</b>	<b>Demo 2 BSF 114</b>	<b>Demo 3 BSF 122</b>	<b>Demo 4 BSF 124</b>

	<p><b>Demo 1: Spectroradiometer:</b> Jimmy &amp; Rebecca Gustafsson, Heliospectra, Rachelle Wunningham, Phillips  <b>Demo 2: Air Movement:</b> Sylvia Courney, CGS, James Kleinke, Shaefer Fans  <b>Demo 3: Measurement of surface reflectance for diagnosing plant health:</b> Mark Blomquist, Apogee  <b>Demo 4: Soil/ Root Zone Measurements:</b> Corey Spence, Argus  <b>Poster session</b> (break snacks): NCERA-101 grad students  <b>Trellis Demo- Greenhouse Management Software:</b> Joan Leonard, OSU  <b>ABRC (Arabidopsis Biological Resource Center) Tour:</b> Chris Calhoun and Diana Shin, ABRC  <b>TML (Targeted Metabolomics Lab) Tour:</b> Christophe Cocouron and Donnalyn Roxey, CAPS</p>
3:00pm - 3:30 pm	<p style="text-align: center;"><b>Travel to Main Campus</b>  CLN and CLS buses to St. John Arena, walk to Stadium Rotunda</p>
3:45 pm – 4:45 pm	<p style="text-align: center;"><b>Zero Waste Tour of Ohio Stadium</b>  Tony Guillund, Energy Services and Sustainability, The Ohio State University</p>
6:00 pm – 7:00 pm	<p style="text-align: center;">Ohio Wine &amp; Beer Tasting, Blackwell Ballroom</p>
7:00 pm – 8:00 pm	<p style="text-align: center;">Dinner, Blackwell Ballroom</p>
8:00 pm – 9:00 pm	<p style="text-align: center;"><b>Anniversary Presentations</b>, Blackwell Ballroom  Ted Tibbitts &amp; Mark Romer, NCERA-101 40<sup>th</sup> Anniversary  Jennifer Simek, AERGC 30<sup>th</sup> Anniversary</p>
9:00 pm – 11:00 pm	<p style="text-align: center;">Mix &amp; Mingle, Blackwell Ballroom</p>

**Friday, July 10, 2015**

7:00am – 7:45 am	<p style="text-align: center;">Breakfast 2 Go, Blackwell Lobby  Board buses at 7:30 AM -Departure at 7:45 AM</p>
7:45am – 9:30 am	<p style="text-align: center;">Travel to Wooster</p>
9:40 am – 10:00 am	<p style="text-align: center;"><b>OARDC Welcome Remarks</b>  Dr. Steven Slack, OARDC Director  <b>OARDC Tours Introduction</b></p>
9:30 – 12:00 pm	<p style="text-align: center;">Tours</p>

	Group A/B	Group C/D		Group E/F	Group G/H
10:00 am – 10:30 am	Gourley GH Tour	Gourley GH Tour	10:00 – 10:20 am	PAAR, Ag Eng Tour	Ag Eng, PAAR Tour
10:30am – 11:10 am	Williams GH Tour stop 1 Williams GH Tour stop 2	Williams GH Tour stop 1 Williams GH Tour stop 2	10:20 – 10:40 am	Gourley GH Tour	Gourley GH Tour
11:10 am – 11:50 am	PAAR, Ag Eng Tour	Ag Eng/PAAR Tour	10:45 – 11:50 am	Williams GH Tour stop 1 Williams GH Tour stop 2	Williams GH Tour stop Williams GH Tour stop
11:50 am - -12:00 pm	Bus to Secrest Arboretum			Bus to Secrest Arboretum	
12:00 pm – 12:30 pm	Lunch			Secrest Tour 1	Secrest Tour 2
12:40pm – 1:20pm	Secrest Tour 1	Secrest Tour 2		Lunch	
1:20pm – 1:30 pm	Return to Shisler Center				
1:30 pm – 2:00 pm	<b>OARDC: From Tornado to Tomorrow</b> Michelle Jones and Brian Hanna, The Ohio State University				
2:00 pm – 2:30 pm	<b>Plant and Animal Agrosecurity Research Facility</b> Juliette Hanson, The Ohio State University				
2:30 pm – 3:00 pm	<b>Horticultural Lighting Standards</b> Erik Runkle, Michigan State University				
3:00 pm – 3:15 pm	<b>AERGC Travel Grant Presentation: Atop a Residence Hall: A Tale of Two Years Operational</b> Thomas Bryan, University of Wisconsin-Madison				
3:15 pm – 3:30 pm	<b>AERGC Travel Grant Presentation: Institute of Agriculture at University of Tennessee</b> Lori Osburn, University of Tennessee				
3:30 pm – 3:45 pm	Afternoon Break				
3:45pm – 4:15 pm	<b>Moisture Sensing &amp; Irrigation Controls</b> Mark van Iersel, University of Georgia				
4:15 pm – 4:45 pm	<b>LED Lighting Research</b> Cary Mitchell/SRCILED, Purdue University				
4:45pm – 5:15 pm	<b>Sustainable Approaches to Greenhouse Heating</b> Jim Kramer, Delta T Solutions				
5:15 pm - 6:15 pm	Happy Hour				

6:15 pm - 8:00pm	Dinner, Shisler Center Entertainment, Ohio Light Opera
8:00pm - 9:30 pm	Travel to Columbus

**Saturday, July 11, 2015**

7:30 am – 4:00 pm		
7:15 am – 8:00 am	Breakfast, Blackwell	
8:00 am – 8:30 am	<b>Reporting Guidelines for Greenhouse Experimentation</b> A.J. Both, Rutgers University	
8:30 am – 9:00 am	<b>Small-to-Large Scale Imaging Technologies for Your Growth Facility</b> Kevin Reilly, Donald Danforth Plant Science Center	
9:00 – 9:30 am	<b>Energy Grant Opportunities</b> Dan Kuipers, BioTherm	
9:30 am- 10:00 am	Travel to Bio Sci Greenhouse	
10:00 am- 11:30 am	<b>Tour Bio Sci Greenhouse, Insectary &amp; AERGC Plant Swap</b>	NCERA Business Meeting 0040 Jennings Hall
11:30 am-12:30 pm	Lunch, Jennings Courtyard	
12:30 pm – 1:30 pm	AERGC Business Meeting, 001 Jennings Hall	Lunch, Jennings Courtyard
1:30 pm -1:40 pm	<b>AERGC Travel Grant Presentation:</b> <b>NAIT Boreal Research Institute and Plant and Seed Solutions to Reclamation Challenges</b> Jean-Marie Sboze, NAIT Boreal Research Institute	
1:45 pm – 2:00 pm	<b>AERGC Travel Grant Presentations: TBA</b> Steven Meyer, Lincoln Park & Garfield Park Conservatories, Chicago	
2:00 pm – 2:30 pm	<b>NASA Veggie Habitat</b> Gioia Massa, Kennedy Space Center	

2:30 pm – 2:45 pm	<b>AERGC Travel Grant Presentation: Managing the Mundane</b> Clinton Morse, University of Connecticut
2:45 pm – 3:00 pm	<b>AERGC Travel Grant Presentation:</b> <b>The Indoor Feedstocks Plant Growth System at the Joint BioEnergy Institute (JBEI)</b> Mi Yeon Lee, JBEI
3:00 pm – 3:30 pm	<b>Greenhouse Energy Audits:</b> <b>Evaluating Sustainability Practices and Measures for Research and Education Greenhouse Facilities</b> Bruno Faucher, EnviroSult and Alex Turkewitsch, Greenhouse Engineering
3:30 pm – 3:45 pm	Final Comments/Adjourn, 001 Jennings Hall
3:45 pm – 4:00 pm	Plant Swap pick up, Bio Sci Greenhouse