

# Borlaug Summer Institute on Global Food Security

June 5 - 18, 2016

Purdue Center for Global Food Security  
West Lafayette, IN

## Sunday, June 5

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**All Day** First Street Towers Residence Hall Check-in and Registration  
*Pre-Program Evaluations to be completed and brought to Monday's Continental Breakfast.*

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**PM** 5:00 Orientation at First Street Towers

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7:00 Opening Reception (Mann Hall Atrium)

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## Monday, June 6

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**AM** 7:30 Continental Breakfast (Morgan Café)

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*All institute programs will be in Morgan Rm. 121, unless otherwise indicated.*

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8:30 Welcome  
*Gebisa Ejeta, Director, Purdue Center for Global Food Security*

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8:40 Opening Remarks  
*Suresh Garimella, Executive Vice President for Research and Partnerships*

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9:00 Keynote  
*Margot Ellis, Senior Deputy Assistant Administrator, USAID Bureau for Food Security*

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9:45 Group Photo (location TBA)

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10:00 Coffee Break (Morgan Café)

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10:30 Purdue Discovery Park: Where Disciplines Converge to Solve Global Challenges  
*Tomás Díaz de la Rubia, Chief Scientist and Executive Director, Discovery Park, Purdue*

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11:30 Keeping the Norman Borlaug Dream Alive  
*Julie Borlaug, Associate Director of External Relations, The Norman Borlaug Institute*

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**PM** 12:00 Lunch (Morgan Café)

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1:00 Global Food Security: Humanity's Foremost Challenge  
*Gebisa Ejeta*

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2:30 Coffee Break (Morgan Café)

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3:00 Summer Institute Goals and Introduction of Group Project  
*Gary Burniske, Managing Director, Purdue Center for Global Food Security*

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4:00 Dismiss (Staff debriefing)

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5:45 Meet in Lobby of First Street Towers to go to dinner in Hillenbrand Dining Court; followed by a walking tour of campus and a visit to the Co-Rec.

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## Tuesday, June 7

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**Please Note: Participants will have all breakfasts and dinners in the Hillenbrand Dining Court, unless otherwise indicated. Lunch on Sunday (6/12) will also be in the Dining Court.**

**Dining Court hours: Breakfast 7:00 – 8:30 am; Lunch 11:00 am – 1:00 pm; Dinner 5:00 – 6:30 pm.**

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**AM** 8:30 **Lecture:** Food Security: Challenges, Developments, and Opportunities  
*Rajul Pandya-Lorch, Head 2020 Vision Initiative and Chief of Staff, IFPRI*

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10:00 Coffee Break (Morgan Café)

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10:30 **Lecture:** Grand Challenge #1: Water Resources and Food Security  
*Ron Turco, Professor of Agronomy*

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**PM** 12:00 Lunch (Morgan Café)

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1:00 **Lecture:** Grand Challenge #2: Climate Change and Food Security  
*Matt Huber, Professor of Earth, Atmospheric & Planetary Sciences*

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2:30 Coffee Break (Morgan Café)

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3:00 **Practicum:** Climate Change and Food Security

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4:30 Dismiss (Staff debriefing)

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## Wednesday, June 8

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**AM** 8:30 **Lecture:** Writing Fundable Proposals  
*Ron Turco*

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10:00 Coffee Break (Morgan Café)

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10:30 **Lecture:** Cultural, Social, Economic, and Policy Dimensions of Technology Development and Transfer – *Otto Doering, Professor of Agricultural Economics*

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**PM** 12:00 Lunch in Project Country Groups (Morgan Café)

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1:30 Depart for Agronomy Center for Research and Education (ACRE)  
**(Board bus at 1:15 outside First Street Towers)**

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1:45 Tour of ACRE

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4:00 Depart for Prophetstown State Park **(Board bus at 3:45)**

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4:30 Tour the Farm at Prophetstown

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5:30 Free time

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6:30 Picnic

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9:00 Depart for campus **(Board bus at 8:45)**

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## Thursday, June 9

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<b>AM</b>	8:30	<b>Lecture:</b> Grand Challenge #3: Ecosystem Sustainability and Food Security <i>Sylvie Brouder, Professor of Agronomy</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Panel:</b> Perspectives on Ecosystem Services and the R4D Context <i>Moderator: Sylvie Brouder</i> <i>Panelists: Laura Zanotti, Barny Dunning, Steve Hallett</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Purdue Improved Crop Storage Project and Post-Harvest Innovation Lab <i>Jess Lowenberg-DeBoer, Professor of Agricultural Economics</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Panel:</b> PICS and Post-Harvest Lab at Purdue: Focus on Global Food Value Chains <i>Moderator: Gebisa Ejeta</i> <i>Panelists: Betty Bugusu, Charles Woloshuk, Jacob Ricker-Gilbert</i>
	4:30	Dismiss (Staff debriefing)

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## Friday, June 10

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<b>AM</b>	8:30	<b>Lecture:</b> Grand Challenge #4: The Long Run Global Supply and Demand for Agricultural Land – <i>Tom Hertel, Distinguished Professor of Agricultural Economics</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Gender in International Development <i>Andrea Burniske, Program Manager, I2D Lab – Global Engineering</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Grand Challenge #5: Nutrition and Food Security <i>Connie Weaver, Professor and Head of Nutrition Science</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Lecture:</b> Biodiversity and Food Security: Challenges and Opportunities <i>Songlin Fei, Associate Professor of Measurements &amp; Quantitative Analysis</i> <i>Department of Forestry and Natural Resources</i>
	4:30	Dismiss (Staff debriefing)
	6:00	Depart for dinner at home of Gary and Andrea Burniske <b>(Board bus at 5:45 outside First Street Towers)</b>
	9:00	Return to campus <b>(Board bus at 8:45)</b>

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## Saturday, June 11

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<b>AM</b>	8:45	<b>Board bus outside First Street Towers</b>
	9:00	Depart for Monsanto
	10:00	Tour of Monsanto (Remington, IN)
<b>PM</b>	12:00	Lunch
	1:15	Depart for AgReliant ( <b>Board bus at 1:00</b> )
	2:45	Tour of AgReliant (Lebanon, IN)
	5:00	Depart for Victory Field ( <b>Board bus at 4:45</b> )
	5:45	Free Time in Downtown Indy / Dinner
	7:05	Indianapolis Indians Baseball Game
	10:15	Depart for Purdue ( <b>Board bus at 10:00</b> )
	11:30	Arrive on Campus

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## Sunday, June 12

*Small Group Project Work Time (all day)*

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## Monday, June 13

**Please Note: Participants will need to bring their posters with them to today's opening session.**

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<b>AM</b>	8:30	<b>Lecture:</b> The Chicago Council for Global Affairs' Focus on Food Security <i>Alesha Black, Director of the Global Food and Agriculture Program Chicago Council on Global Affairs</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Evidence-based Programming and Development in the 21 <sup>st</sup> Century <i>Charles Owubah, Vice President of World Vision International</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Advancing the U.S. Land Grant University Model for International Development <i>Vic Lechtenberg, Professor Emeritus of Agronomy Special Assistant to the President at Purdue University</i>
	2:30	Research Poster Session (Mann Atrium) <i>Light refreshments provided</i>

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## Tuesday, June 14

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<b>AM</b>	8:30	<b>Panel:</b> Borlaug Fellow Research Experiences in Africa <i>Moderator: Gary Burniske</i> <i>Panelists: Diana Caley, Patrick Hatzenbuehler, Nick Jelinski</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Panel:</b> Borlaug Fellow Research Experiences in Latin America <i>Moderator: Tamara Benjamin</i> <i>Panelists: Aniseh Bro, Adam Cobb, Brian Pace</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Grand Challenge #6: Global Food Trade: Food Crisis, Price Shocks, and Developing Country Impacts – <i>Phil Abbott, Professor of Agricultural Economics</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Practicum:</b> Global Food Trade
	4:30	Dismiss (Staff debriefing)
	7:00	Evening: Small Group Work

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## Wednesday, June 15

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<b>AM</b>	8:30	<b>Lecture:</b> Purpose-Driven Research <i>Gebisa Ejeta</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Challenges in Pastoral Agriculture and Food Security in Developing Countries <i>Eli Asem, Professor of Physiology, Veterinary Medicine</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Work Time:</b> Small Group Work
	4:30	Dismiss (Staff debriefing)

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## Thursday, June 16

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<b>AM</b>	8:30	<b>Lecture:</b> Grand Challenge #7: Meeting the Energy Demands of Our Growing Global Food System – <i>Mike Ladisch, Distinguished Professor, Agricultural and Biological Engineering</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Panel:</b> Energy and Food Security <i>Moderator: Mike Ladisch</i> <i>Panelists: Jay Gore, Wally Tyner, Luna Lu</i>
<b>PM</b>	12:00	Lunch (Morgan Café)

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1:00	<b>Work Time:</b> Small Group Work
2:30	Coffee Break (Morgan Café)
3:00	<b>Lecture:</b> Innovation for Food Security: USAID’s Feed the Future Research, Policy, and Capacity Development Programs <i>Clara Cohen, Senior Science Policy Advisor, Office of Agricultural Research &amp; Policy, USAID</i>
4:30	Dismiss (Staff debriefing)

## Friday, June 17

<b>AM</b>	8:30	<b>Group A Presentation</b>
	9:30	Transition
	9:40	<b>Group B Presentation</b>
	10:40	Coffee Break (Morgan Café)
	11:00	<b>Group C Presentation</b>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Group D Presentation</b>
	2:00	Transition
	2:10	<b>Group E Presentation</b>
	3:10	Transition
	3:20	<b>Group F Presentation</b>
	4:20	Transition
	4:30	Program Evaluation
	5:00	Break
	6:30	Closing Dinner - Presentation of Certificates (PMU West Faculty Lounge) <i>Keynote: Jay Akridge, Dean of Agriculture, Purdue University</i>

## Saturday, June 18

<b>All Day</b>		Departure
<b>PM</b>	12:00	First Street Towers Latest Check-out