

# Borlaug Summer Institute on Global Food Security

June 7 - June 20, 2015

Purdue Center for Global Food Security  
West Lafayette, IN

## Sunday, June 7

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**All Day** First Street Towers Residence Hall Check-in and Registration

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**PM** 7:00 Opening Reception (Mann Hall Atrium)

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## Monday, June 8

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**AM** 8:00 Continental Breakfast (Morgan Café)

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

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9:00 Welcome  
*Gebisa Ejeta, Director, Purdue Center for Global Food Security*

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9:10 Opening Address  
*Mitch Daniels, President, Purdue University*

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9:20 Group Photo (location TBA)

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9:30 Keeping the Norman Borlaug Dream Alive  
*Julie Borlaug, Associate Director of External Relations, The Norman Borlaug Institute*

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10:15 Coffee Break (Morgan Café)

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10:45 Keynote – Feed the Future Initiative: Research and Capacity Development Priorities  
*Susan Owens, Acting Office Director, USAID Bureau for Food Security Office of Agricultural Research and Policy; Executive Director, Board for International Food and Agricultural Development (BIFAD)*

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**PM** 12:00 Lunch (Morgan Café)

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1:00 Purdue Agriculture  
*Jay Akridge, Dean of Agriculture, Purdue University*

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2:00 Global Food Security: Humanity's Foremost Challenge  
*Gebisa Ejeta*

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3:30 Coffee Break (Morgan Café)

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4:00 Summer Institute Goals and Introduction of Group Project  
*Gary Burniske, Managing Director, Purdue Center for Global Food Security*

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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 9

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<b>AM</b>	8:30	<b>Lecture:</b> Grand Challenge #1: 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: Kevin Gibson, Jeff Holland, Ben Gramig, Elizabeth Trybula</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Grand Challenge #2: Climate Change and Food Security <i>Matt Huber, Professor of Earth Sciences, University of New Hampshire</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Practicum:</b> Climate Change and Food Security
	4:30	Dismiss (Staff debriefing)

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## Wednesday, June 10

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<b>AM</b>	8:30	<b>Lecture:</b> Challenges and Opportunities in Technology Transfer: PICS Supply Chain <i>Jess Lowenberg-DeBoer, Director of International Programs in Agriculture and Associate Dean of the College of Agriculture</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Cultural, Social, Economic, and Policy Dimensions of Technology Development and Transfer – <i>Otto Doering, Professor of Agricultural Economics</i>
<b>PM</b>	12:00	Lunch in Project Country Groups (Morgan Café)
	1:00	<b>Lecture:</b> Grand Challenge #3: The Long Run Global Supply and Demand for Agricultural Land – <i>Tom Hertel, Distinguished Professor of Agricultural Economics</i>
	2:30	Break ( <i>prepare for field trip and picnic</i> )
	3:15	Depart for Agronomy Center for Research and Education (ACRE) <b>(Board bus at 3:00 outside First Street Towers)</b>
	3:30	Tour of ACRE
	5:45	Depart for Happy Hollow Park <b>(Board bus at 5:30)</b>
	6:00	Picnic (Happy Hollow Park)
	9:00	Depart for campus <b>(Board bus at 8:45)</b>

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## Thursday, June 11

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<b>AM</b>	8:30	<b>Lecture:</b> Grand Challenge #4: Global Food Trade: Food Crisis, Price Shocks, and Developing Country Impacts – <i>Phil Abbott, Professor of Agricultural Economics</i>
	10:00	Coffee Break (Morgan Cafe)
	10:30	<b>Practicum:</b> Global Food Trade
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Grand Challenge #5: Water Resources and Food Security <i>Vince Bralts, Professor of Agricultural &amp; Biological Engineering</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Practicum:</b> Water Resources and Food Security
	4:30	Dismiss (Staff debriefing)
	7:00	U.S. Borlaug Graduate Research Grant Info Session (First Street Towers Conference Room)

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## Friday, June 12

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<b>AM</b>	8:30	<b>Lecture:</b> Food Policy Research and Global Food Security <i>Suresh Babu, Senior Research Fellow, IFPRI</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> The Imperative of Strengthening Agricultural Extension Systems in Developing Countries and Some Ways Forward <i>Paul McNamara, Associate Professor, Agricultural and Consumer Economics University of Illinois at Urbana-Champaign</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Gender in International Development <i>Andrea Burniske, International Extension Program Coordinator International Programs In Agriculture</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Lecture:</b> Writing Fundable Proposals <i>Ron Turco, Director, Global Sustainability Institute and Purdue Water Community</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 13

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<b>AM</b>	9:45	<b>Board bus outside First Street Towers</b>
	10:00	Depart for Monsanto (Lebanon, IN)
	11:00	Tour of Monsanto
<b>PM</b>	12:30	Lunch
	1:40	Depart for AgReliant ( <b>Board bus at 1:30</b> )
	2:00	Tour of AgReliant
	4:15	Depart for Victory Field ( <b>Board bus at 4:00</b> )
	5:00	Free Time in Downtown Indy / Picnic at Victory Field - Served from 5:30-7:00 (Questions – please see Patrick Slack)
	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 14

### *Small Group Project Work Time (all day)*

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<b>PM</b>	7:00	Social Event: Bowling at Purdue Memorial Union Rack and Roll
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## Monday, June 15

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<b>AM</b>	8:30	<b>Lecture:</b> Grand Challenge #6: Nutrition and Food Security <i>Connie Weaver, Professor and Head of Nutrition Science</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Healthy Food for a Healthy World <i>Lisa Eakman Moon, Vice President of Global Agriculture &amp; Food The Chicago Council on Global Affairs</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 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> Biofuels <i>Moderator: Maureen McCann</i> <i>Panelists: Farzad Taheripour, Mike Ladisch, Nick Carpita</i>
<b>PM</b>	12:00	Lunch (Morgan Café)
	1:00	<b>Lecture:</b> Challenges and Opportunities in Technology Transfer: PICS Market Development <i>Dieudonné Baributsa, Research Assistant Professor, Entomology; Project Lead, PICS3</i>
	2:30	Coffee Break (Morgan Café)
	3:00	<b>Work Time:</b> Small Group Work
	4:30	Dismiss (Staff debriefing)
	7:00	Evening: Small Group Work

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## Wednesday, June 17

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<b>AM</b>	8:30	<b>Lecture:</b> Advancing Research for Impact <i>Gebisa Ejeta</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Livestock’s Role in Resilient Food Security <i>Shannon Mesenhowski, Livestock Advisor, USAID Office of US Foreign Disaster Assistance</i> <i>Terry Wollen, former Livestock &amp; Animal Health Advisor (ret.), USAID-OFDA</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 18

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<b>AM</b>	8:30	<b>Lecture:</b> The Purdue Plant Science Research and Education Pipeline <i>Karen Plaut, Associate Dean and Director of Ag Research</i>
	10:00	Coffee Break (Morgan Café)
	10:30	<b>Lecture:</b> Role of Engineering in International Development – a Purdue Perspective <i>Arvind Raman, Associate Dean, Global Engineering Programs</i>
<b>PM</b>	12:00	Lunch (Morgan Café)

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1:00	<b>Lecture:</b> Biotechnologies Essential for Food Security <i>Jonathan Gressel, Professor of Plant Sciences, Weizmann Institute of Science</i>
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 19

**AM** 8:30 **Group A Presentation**

9:30 Transition

9:40 **Group B Presentation**

10:40 Coffee Break (Morgan Café)

11:00 **Group C Presentation**

**PM** 12:00 Lunch (Morgan Café)

1:00 **Group D Presentation**

2:00 Transition

2:10 **Group E Presentation**

3:10 Transition

3:20 **Group F Presentation**

4:20 Transition

4:30 Program Evaluation

5:00 Break

6:30 Closing Dinner - Presentation of Certificates (PMU East Faculty Lounge)  
*Keynote: Ambassador Kenneth M. Quinn, President, The World Food Prize Foundation*

## Saturday, June 20

**All Day** Departure

**PM** 12:00 First Street Towers Latest Check-out