

BORLAUG SUMMER INSTITUTE ON GLOBAL FOOD SECURITY

June 4 - 17, 2017

Purdue Center for Global Food Security

West Lafayette, Indiana

SUNDAY, JUNE 4

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

PM 5:30 Orientation at First Street Towers

7:00 Opening Reception (Mann Hall Atrium)

MONDAY, JUNE 5

AM 7:30 Continental Breakfast (Morgan Café)

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

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

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

9:00 Keynote: The Global Food Security Act: Achieving the Vision of a World Without Hunger
Rob Bertram, Chief Scientist, USAID Bureau for Food Security

9:45 Group Photo (location TBA)

10:00 Coffee Break (Morgan Café)

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

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

PM 12:00 Lunch (Morgan Café)

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

2:30 Coffee Break (Morgan Café)

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

4:30 Dismiss

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

TUESDAY, JUNE 6

Please Note: Participants will have all breakfasts and dinners in the Earhart Dining Court, unless otherwise indicated. Lunch on Saturday (6/10) and Sunday (6/11) 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.

AM	8:30	Lecture: Grand Challenge #1: Climate Change and Food Security <i>Matt Huber, Professor of Earth, Atmospheric & Planetary Sciences</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Practicum: Climate Change and Food Security
PM	12:00	Lunch (Morgan Café)
	1:00	Lecture: Grand Challenge #2: Water Resources and Food Security <i>Indrajeet Chaubey, Associate Dean and Director of International Programs in Agriculture</i>
	2:30	Coffee Break (Morgan Café)
	3:00	Lecture: Writing Fundable Proposals <i>Ron Turco, Professor of Agronomy Associate Dean for Agriculture and Environmental Research</i>
	4:30	Dismiss

WEDNESDAY, JUNE 7

AM	8:30	Lecture: Grand Challenge #3: Global Food Trade: Food Crisis, Price Shocks, and Developing Country Impacts – <i>Phil Abbott, Professor of Agricultural Economics</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Practicum: Global Food Trade
PM	12:00	Lunch in Project Country Groups (Morgan Café)
	1:15	Depart for Agronomy Center for Research and Education (ACRE) (Board bus at 1:00 outside First Street Towers)
	1:30	Tour of ACRE
	2:30	Tour Indiana Corn and Soybean Innovation Center
	3:30	Depart for Purdue Dairy Research and Education Center (Board bus at 3:15)
	3:45	Tour the Purdue Dairy Research and Education Center
	5:00	Depart for Happy Hollow Park (Board bus at 4:45)
	5:30	Picnic
	8:00	Depart for campus (Board bus at 7:45)

THURSDAY, JUNE 8

AM	8:30	Lecture: Biotechnology in Crop Improvement <i>Tesfaye Mengiste, Professor of Botany and Plant Pathology</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Lecture: Biodiversity and Food Security: Challenges and Opportunities <i>Songlin Fei, Associate Professor of Measurements & Quantitative Analysis Department of Forestry and Natural Resources</i>
PM	12:00	Lunch (Morgan Café)
	1:00	Lecture: Grand Challenge #4: The Case for Wind Energy in Food Security <i>Luciano Castillo, Don Kay and Clay Cash Foundation Engineering Chair in Wind Energy and Professor, Texas Tech University</i>
	2:30	Coffee Break (Morgan Café)
	3:00	Work Time: Small Group Work
	4:30	Dismiss

FRIDAY, JUNE 9

AM	8:30	Lecture: Grand Challenge #5: Nutrition and Food Security <i>Connie Weaver, Distinguished Professor of Nutrition Science</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Lecture: Food Processing Innovations for Africa <i>Bruce Hamaker, Distinguished Professor of Food Science</i>
PM	12:00	Lunch (Morgan Café)
	1:00	Lecture: Grand Challenge #6: Ecosystem Sustainability and Food Security <i>Sylvie Brouder, Professor of Agronomy</i>
	2:30	Coffee Break (Morgan Café)
	3:00	Panel: Ecosystems and Biodiversity <i>Moderator: Sylvie Brouder Panelists: Jeff Dukes, Barny Dunning, Songlin Fei</i>
	4:30	Dismiss
	6:00	Depart for dinner at home of Gary and Andrea Burniske (Board bus at 5:45 outside First Street Towers)
	9:00	Return to campus (Board bus at 8:45)

SATURDAY, JUNE 10

AM	9:00	Lecture: Entrepreneurship in Agriculture <i>Greg Deason, Senior Vice President, Dir. of Innovation & Entrepreneurship, Purdue Foundry</i>
	9:45	Lecture: Investment and Finance in Agriculture <i>Mike Gunderson, Associate Professor, Agricultural Economics</i>
	10:30	Lecture: Insurance and Credit in Agriculture <i>Phil Abbott, Professor of Agricultural Economics</i>
	11:15	Discussion: Private Sector Engagement in Agriculture <i>Greg Deason, Mike Gunderson, Phil Abbott</i>
PM	12:00	Lunch (Earhart Dining Court)
	1:00	Free Time
	3:00	Depart for Indianapolis / Victory Field (Board bus at 2:45)
	4:15	Arrive at Victory Field / Free Time in Downtown Indy
	6:00	Dinner at Victory Field
	7:05	Indianapolis Indians Baseball Game (vs. Columbus Clippers)
	10:15	Depart for Purdue (Board bus at 10:00)
	11:30	Arrive on Campus

SUNDAY, JUNE 11

Small Group Project Work Time (all day)

MONDAY, JUNE 12

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

AM	8:30	Lecture: The Chicago Council for Global Affairs Food & Agriculture Program: Making the Case for Food Security in a Changing Global Landscape <i>Louise Iverson, Assistant Director of the Global Food and Agriculture Program, and Marcus Glassman, Research Associate, The Chicago Council on Global Affairs</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Lecture: 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>
PM	12:00	Lunch (Morgan Café)
	1:00	Panel: Institutional Pathways for Impact <i>Moderator: Vic Lechtenberg Panelists: Betty Bugusu, Bob Nielsen, Gary Burniske, Gebisa Ejeta</i>
	2:30	Research Poster Session (Mann Atrium) <i>Light refreshments provided</i>

TUESDAY, JUNE 13

AM	8:30	Lecture: Gender in International Development <i>Andrea Burniske, Program Manager, I2D Lab – Global Engineering</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Lecture: Emerging Global Food Security Challenges <i>Suresh Babu, Senior Research Fellow and Head, Capacity Strengthening, International Food Policy Research Institute</i>
PM	12:00	Lunch (Morgan Café)
	1:00	Lecture: The Ecological and Genetic Sustainability of Fisheries and Aquaculture <i>Mark Christie, Assistant Professor of Biological Sciences & Forestry and Natural Resources</i>
	2:30	Coffee Break (Morgan Café)
	3:00	Lecture: Challenges in Pastoral Agriculture and Food Security in Developing Countries <i>Eli Asem, Professor of Physiology, Veterinary Medicine</i>
	4:30	Dismiss
	7:00	Evening: Small Group Work

WEDNESDAY, JUNE 14

AM	8:30	Lecture: Purpose-Driven Research <i>Gebisa Ejeta</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Lecture: Grand Challenge #7: Global Supply and Demand for Agricultural Land <i>Tom Hertel, Distinguished Professor of Agricultural Economics</i>
PM	12:00	Lunch (Morgan Café)
	1:00	Work Time: Small Group Work
	4:30	Dismiss

THURSDAY, JUNE 15

AM	8:30	Lecture: Purdue Improved Crop Storage (PICS) Project <i>Dieudonné Baributsa, Associate Professor of Entomology, PICS Team Manager</i>
	10:00	Coffee Break (Morgan Café)
	10:30	Lecture: Cultural, Social, Economic, and Policy Dimensions of Technology Development and Transfer – <i>Otto Doering, Professor of Agricultural Economics</i>
PM	12:00	Lunch (Morgan Café)
	1:00	Work Time: Small Group Work
	2:30	Coffee Break (Morgan Café)

3:00 **Lecture:** Innovation for Food Security: USAID’s Feed the Future Research, Policy, and Capacity Development Programs
Clara Cohen, Chief, Division on Human and Institutional Capacity Development, Office of Agricultural Research and Policy; Executive Director, Board for International Food and Agricultural Development, Bureau for Food Security, USAID

4:30 Dismiss

FRIDAY, JUNE 16

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 West Faculty Lounge)
Keynote: Jay Akridge, Glenn W. Sample Dean of Agriculture

SATURDAY, JUNE 17

All Day Departure

PM 12:00 First Street Towers Latest Check-out
