



THE WORLD FOOD PRIZE



“Let Food Be Thy Medicine”

BORLAUG DIALOGUE INTERNATIONAL SYMPOSIUM
OCTOBER 12 - 14, 2016 | DES MOINES, IOWA, USA

WORLD FOOD PRIZE LAUREATES

BIOFORTIFICATION OF CROPS - FULFILLING HIPPOCRATES' DICTUM



MARIA ANDRADE
CAPE VERDE



ROBERT MWANGA
UGANDA



JAN LOW
UNITED STATES



HOWARTH BOUIS
UNITED STATES



“Let Food Be Thy Medicine,” a quote attributed to Hippocrates approximately 2,400 years ago, best captures the ground-breaking achievement for which the four distinguished 30th Anniversary World Food Prize Laureates are being honored in 2016 – the development and implementation of *biofortification*, breeding critical vitamins and micronutrients into staple crops, thereby dramatically reducing “hidden hunger” for millions.

The three-person team from the International Potato Center – Dr. Maria Andrade, Dr. Robert Mwanga and Dr. Jan Low – is being honored for their achievement in developing the single most successful example of biofortification – the orange-fleshed sweet potato (OFSP). Dr. Andrade and Dr. Mwanga, plant scientists in Mozambique and Uganda, bred the Vitamin A enriched OFSP, while Dr. Low structured the programs that convinced almost two million households in

10 African countries to plant, purchase and consume this nutritionally fortified food. Dr. Howarth Bouis, the founder of HarvestPlus at IFPRI, pioneered the implementation of a multi-institutional approach to biofortification as a global plant breeding strategy. As a result of his leadership, crops such as iron and zinc fortified beans, rice, wheat and pearl millet, and Vitamin A enriched cassava, maize and OFSP are being tested or released in over 40 countries.

Through the combined efforts of our four Laureates, over 10 million persons are now positively impacted by biofortified crops, with a potential of several hundred million more having their nutrition and health enhanced in the coming decades. As such, they are truly worthy to be named as the recipients of the award that Norman Borlaug created thirty years ago to be seen as the “Nobel Prize for Food and Agriculture.”

2016 BORLAUG DIALOGUE INTERNATIONAL SYMPOSIUM

LEADERSHIP | NUTRITION | CONFLICT | INFRASTRUCTURE



H.E. DR. (MRS.) AMEENAH
GURIB-FAKIM
PRESIDENT OF MAURITIUS



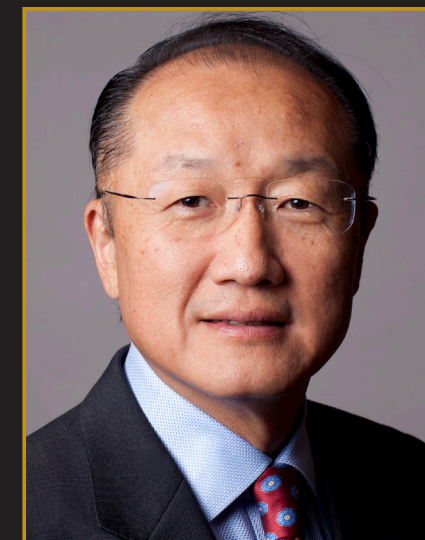
H.E. JOAQUIM CHISSANO
PRESIDENT OF MOZAMBIQUE
1986 - 2005



H.E. JOHN A. KUFUOR
PRESIDENT OF GHANA
2001 - 2009



H.E. DR. JOYCE BANDA
PRESIDENT OF MALAWI
2012 - 2014



H.E. JIM YONG KIM
PRESIDENT
WORLD BANK GROUP



H.E. AKINWUMI ADESINA
PRESIDENT
AFRICAN DEVELOPMENT BANK GROUP

SYMPOSIUM SCHEDULE OF EVENTS

Monday, October 10:	8:30 a.m. – 3:30 p.m.	The Iowa Hunger Summit
Wednesday, October 12:	1:00 p.m. – 5:30 p.m. 5:30 p.m. – 7:00 p.m.	Borlaug Dialogue Day I Ceremony: Norman Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation
Thursday, October 13:	8:30 a.m. – 5:00 p.m. 7:00 p.m.	Borlaug Dialogue Day II Laureate Award Ceremony, Iowa State Capitol
Friday, October 14:	7:30 a.m. – 2:00 p.m. 2:00 p.m. – 5:00 p.m.	Borlaug Dialogue Day III Iowa Farm Tours
Saturday, October 15:	8:00 a.m. – 3:30 p.m.	The World Food Prize Global Youth Institute



2016 BORLAUG DIALOGUE INTERNATIONAL SYMPOSIUM

GLOBAL FOOD SECURITY AND NATIONAL SECURITY



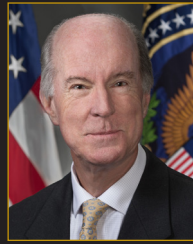
AMB. WILLIAM BURNS
President, Carnegie Endowment
for International Peace



AMB. WENDY CHAMBERLIN
President
Middle East Institute

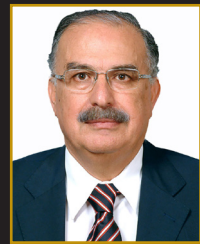


AMB. RYAN CROCKER
Dean, The Bush School
Texas A&M University



GREGORY TREVERTON
Chairman
U.S. National Intelligence Council

FOOD SECURITY IN CRISIS: SYRIA, BOKO HARAM, EL NIÑO AND ZIKA



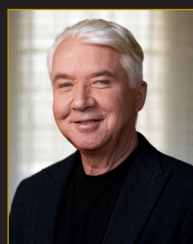
MAHMOUD SOLH
Director General, ICARDA
Syria/Lebanon



MONICA JOSHUA MAIGARI
Female Food Hero
Oxfam Nigeria



SIR GORDON CONWAY
Imperial College
London



RANDAL KIRK
Chairman & CEO
Intrexon

WOMEN LEADERS DRIVING AGRICULTURAL TRANSFORMATION IN AFRICA



LINDIWE MAJELE SIBANDA
CEO & Head of Mission
FANRPAN



FATIMA DENTON
Coordinator, African
Climate Policy Centre



RUTH ONIANG'O
Chair, Sasakawa
Africa Association



MARIA HELENA SEMEDO
Deputy DG, UN-FAO
(Invited)

AVAILABILITY OF A HEALTHY GLOBAL DIET



LAWRENCE HADDAD
Senior Research Fellow, Int'l Food
Policy Research Institute



PIETRO GENNARI
Chief Statistician
UN-FAO



ELIZABETH MITCHAM
Director, Horticulture Innovation
Lab, Univ. of California, Davis

CEOs LEADING INNOVATION IN NUTRITION AND SUSTAINABILITY



JEFF ETTINGER
Chairman & CEO
Hormel Foods



LIAM CONDON
President, Crop Science &
Board Member, Bayer AG



JAMES COLLINS
Executive VP
DuPont



ROBERT FRALEY
Executive VP, Monsanto
World Food Prize Laureate

BORLAUG-ROCKEFELLER: INSPIRING THE NEXT GENERATION



JUDITH RODIN
President
Rockefeller Foundation



CHARITY MUTEGI
2013 Borlaug Field Award
Kenya



BRAM GOVAERTS
2014 Borlaug Field Award
Mexico



ERIC POHLMAN
2015 Borlaug Field Award
Rwanda

ENGAGING PUBLIC UNIVERSITIES TO FEED THE WORLD



STEVEN LEATH
President
Iowa State University



RANDY WOODSON
Chancellor
North Carolina State University



LOUISE FRESCO
President
Wageningen University



GEBISA EJETA
Purdue University
World Food Prize Laureate



WORLD FOOD PRIZE 30TH ANNIVERSARY

A WEEK-LONG SERIES OF AWARDS, CEREMONIES, LECTURES, PANELS, THE ARTS AND SIDE EVENTS

SUNDAY, OCTOBER 9, 2016



**HALL OF LAUREATES
5TH ANNIVERSARY CELEBRATION**
Hall of Laureates Open House | 12:00 p.m. - 4:00 p.m.
...
DES MOINES AREA HUNGER HIKE
Hall of Laureates | 1:30 p.m.
...
LAUREATE LECTURE SERIES
Over 20 Lectures at Colleges & Universities All Week

MONDAY, OCTOBER 10, 2016

**IOWA HUNGER SUMMIT
10TH ANNIVERSARY**
Des Moines Marriott | 8:30 a.m. - 3:30 p.m.



SIDE EVENTS
**2016 USDA INTERNATIONAL
FOOD SECURITY CONFERENCE**
Des Moines Marriott | USDA Day 1
...
NORMAN BORLAUG LECTURE
Iowa State University | 8:00 p.m.

TUESDAY, OCTOBER 11, 2016



SIDE EVENTS
**2016 USDA INTERNATIONAL
FOOD SECURITY CONFERENCE**
Des Moines Marriott | USDA Day 2
...
GLOBAL FARMER ROUNDTABLE
Global Farmer Network
...
2016 SEED SECURITY FOR FOOD SECURITY FORUM
DuPont
...
**HOW WE MEASURE PROGRESS TOWARD FOOD AND
NUTRITION SECURITY**
World Food Center, University of California, Davis
...
**AFRICAN WOMEN IN AGRICULTURAL RESEARCH AND
DEVELOPMENT (AWARD) EVENT**



WEDNESDAY, OCTOBER 12, 2016



WORLD FOOD PRIZE BORLAUG DIALOGUE
Des Moines Marriott | 1:00 p.m. - 5:30 p.m.
...
BORLAUG FIELD AWARD CEREMONY
Hall of Laureates | 5:30 p.m. - 7:00 p.m.
...
SIDE EVENTS
BORLAUG CAST COMMUNICATION AWARD BREAKFAST
The Council for Agricultural Science and Technology
...
**ACHIEVING SDG'S: AGRICULTURE IN THE FACE OF
CLIMATE CHANGE - ROLE OF PRIVATE SECTOR**
UN-FAO in partnership with the Alliance to End Hunger
...
**THE 2016 GLOBAL AGRICULTURAL PRODUCTIVITY
REPORT LAUNCH AND LUNCHEON**
Global Harvest Initiative
...
WELL-FED WORLD LUNCHEON
Oxfam America

**CELEBRATING 30 YEARS OF IMPACT: FARMERS AND THE
WFP LAUREATES WHO CHANGED THEIR LIVES**
CropLife International & Global Farmer Network
...
GLOBAL FARMER ROUNDTABLE
Global Farmer Network
...
IOWA FOOD LEADERSHIP RECEPTION
*Iowa's Cultivation Corridor, ISU, Iowa Economic Dev. Authority,
Greater DSM Partnership & Ames Economic Dev. Commission*

BOARD FOR INT'L FOOD & AG DEVELOPMENT (BIFAD)
...
PARTNERSHIP TO CUT HUNGER & POVERTY IN AFRICA
...
ASSOC. OF AFRICAN AG PROFESSIONALS IN THE DIASPORA
...
30 YEARS OF SASAKAWA IN AFRICA
Sasakawa Africa Association & Sasakawa Africa Fund for Extension Education
...
BORLAUG TRAINING FOUNDATION

THURSDAY, OCTOBER 13, 2016



WORLD FOOD PRIZE BORLAUG DIALOGUE
Des Moines Marriott | 8:30 a.m. - 5:00 p.m.
...
**WORLD FOOD PRIZE
LAUREATE AWARD CEREMONY**
*Iowa State Capitol | 7:00 p.m.
By Invitation*

SIDE EVENTS
**SUSTAINING AGRICULTURAL INTENSIFICATION
THROUGH NUTRIENT STEWARDSHIP**
The Mosaic Company
...
**ACHIEVING SDG'S: COMMON CHALLENGES OF U.S.
AND INTERNATIONAL FARMERS**
Alliance to End Hunger in partnership with UN-FAO
...
CROP INTENSIFICATION IN THE TROPICS
*Feed the Future Innovation Lab
for Soybean Value Chain Research*
...
**FARMERS & A WARMING PLANET: CONSERVATION
IMPROVES AG SUSTAINABILITY & PROFITABILITY**
Farm Journal Foundation & One Acre Fund
...
**SURVIVE2THRIVE IMPACT OF MICRONUTRIENTS ON
CHILD HEALTH & DEVELOPMENT**
Mathile Institute For the Advancement of Human Nutrition

FRIDAY, OCTOBER 14, 2016

WORLD FOOD PRIZE BORLAUG DIALOGUE
Des Moines Marriott | 7:30 a.m. - 2:00 p.m.

IOWA FARM TOURS
*Immediately Following the Dialogue
Iowa Soybean Association*

THE WORLD FOOD PRIZE

Celebrating 30 Years

As we celebrate the 30th Anniversary of Dr. Norman E. Borlaug establishing the World Food Prize in 1986, it is most fitting that we note its growth and development, especially over the last 15 years.



GLOBAL YOUTH INSTITUTE

October 13 - 15, 2016



A unique aspect of the Borlaug Dialogue is the participation of approximately 200 American and international high school students and their teachers in the World Food Prize Global Youth Institute (GYI). Since the program's inception in 1994, thousands of students and teachers have had the unique opportunity to engage with their peers from around the world, tour cutting-edge industrial and research facilities, perform service-learning activities and take part in symposium discussions with distinguished global leaders in science, industry and policy.

Originally called the General Foods World Food Prize, headed by Chairman A.S. "Al" Clausi, in 1990 John Ruan Sr. moved the Prize to Des Moines. When in 2000, at the invitation of Chairman John Ruan III, Amb. Kenneth Quinn became president, the World Food Prize was a one-day event attracting about 50 participants from outside of Iowa. Now it annually draws about 1,200 persons from 60 countries, including many of the top leaders in the world for a week-long series of events. The World Food Prize is now headquartered in the Hall of Laureates, a \$36 million LEED Platinum restoration of the century-old Des Moines Public Library building.



WWW.WORLDFOODPRIZE.ORG/REGISTER

HASHTAG: #FOODPRIZE16 | FACEBOOK: /WORLDFOODPRIZE

TWITTER: @WORLDFOODPRIZE | INSTAGRAM: @WORLDFOODPRIZE

COVER: STAINED GLASS WINDOW AT THE WORLD FOOD PRIZE HALL OF LAUREATES