



# THE WORLD FOOD PRIZE®

## Foundation

**Dr. Norman E. Borlaug**  
*1914-2009*

**John Ruan**  
*1914-2010*

**John Ruan III**  
*Chairman*

**Amb. Kenneth M. Quinn**  
*President*

## Council of Advisors

**Hon. George Bush**

**Hon. Jimmy Carter**

**H.E. Joaquim Chissano**

**Margaret Catley-Carlson**  
*UN Secretary General  
Advisory Board on Water  
Canada*

**Dr. Zhangliang Chen**  
*Vice President China Association  
for Science and Technology*

**A.S. Clausi**  
*Vice President of Research  
General Foods (Retired)*

**Dr. W. Ronnie Coffman**  
*Director, International Programs  
College of Agriculture and  
Life Sciences, Cornell University*

**Sir Gordon Conway**  
*Professor of Intl. Development  
Imperial College London*

**Dr. Louise Fresco**  
*President Wageningen University  
Netherlands*

**Michael Gartner**  
*Pulitzer Prize Winner*

**Dr. Steven Leath**  
*President, Iowa State University*

**M. Peter McPherson**  
*President, APLU*

**Cynthia Milligan**  
*Dean Emeritus  
College of Business Administration,  
University of Nebraska-Lincoln*

**H.E. Roberto Rodrigues**  
*Former Minister of Agriculture  
Brazil*

**Yohei Sasakawa**  
*Chairman, The Nippon Foundation*

**Dr. M.S. Swaminathan**  
*Chairman  
Laureate Selection Committee*

January 6, 2017

Ms. Carmine Boal

Iowa State Capitol Building

1007 East Grand Avenue

Des Moines, Iowa 50319

Dear Ms. Boal:

As required, I am herewith transmitting to you a copy of our report on the activities and finances of the World Food Prize Foundation for Calendar Year 2016.

Sincerely,

Ambassador Kenneth M. Quinn (ret.)

President

# **THE WORLD FOOD PRIZE**

**Report to the  
Joint Economic Development Appropriations Sub-Committee  
of the  
Iowa State Legislature**

**Regarding the Operations, Programs & Expenditures of  
The World Food Prize Foundation for  
CY 2016**

**December 31, 2016**

# THE WORLD FOOD PRIZE

## 2016 REPORT TO THE IOWA LEGISLATURE

WHAT THE WORLD FOOD PRIZE HAS CONTRIBUTED TO IOWA  
SINCE GOVERNOR BRANSTAD AND THE IOWA LEGISLATURE  
JOINED WITH JOHN RUAN, SR. TO MOVE THE PRIZE TO IOWA IN 1990

*Promoting Economic Development and Tourism for Our State;*  
*Providing Unique Educational Opportunities in STEM for Young Iowa Students;*  
*Preserving Our State's Agricultural Legacy at the Dr. Norman Borlaug Hall of Laureates;*  
*Leading and Supporting Statewide Hunger-Fighting Efforts in Iowa; and*  
*Bringing Global and National Attention to Iowa*

In 1990, Republican Governor Terry Branstad and the Democratic leadership of the state legislature responded to John Ruan, Sr. when he proposed a private-public collaboration to save the World Food Prize and move it to Iowa.

Over the past 26 years, both the Ruan Family Trust and the State of Iowa have increased their contributions to this partnership and the return on their investments has been truly remarkable in terms of the above five objectives.

This report provides details about these accomplishments and also outlines the achievements of the World Food Prize Foundation both in 2016 and over the past several decades in providing benefits and opportunities for Iowa businesses, nonprofit organizations, educational institutions and particularly our students and teachers.

In 2016, the World Food Prize Foundation celebrated the 30th Anniversary of Dr. Norman Borlaug's founding the World Food Prize as well as John Ruan Sr.'s and Iowa's rescuing the Prize. Since then, through a unique private-public partnership, the State of Iowa and the World Food Prize Foundation have built the World Food Prize into the most significant award in the world for global agriculture by bringing global attention to our state. The past year alone, we:

- Gathered 1,050 international leaders and agri-business CEOs and executives at our Borlaug Dialogue symposium;
- Presented the 2016 World Food Prize (known as the "Nobel Prize for food and agriculture") to Dr. Maria Andrade of Cape Verde, Dr. Robert Mwanga of Uganda, Dr. Jan Low of the United States, and Dr. Howarth "Howdy" Bouis of the United States for their breakthrough achievements in biofortification;
- Expanded educational opportunities for Iowa high school students from across the state with our Iowa Youth Institute, Global Youth Institute, and unique internship programs;
- Attracted 20,000 visitors to tour our Dr. Norman E. Borlaug Hall of Laureates; and
- Hosted the 10th annual Iowa Hunger Summit with over 500 participants from across Iowa.

In the first few pages of this report, there are lists of these most significant accomplishments and statistics, which together represent the "Return on Investment" from the very first time financial support was provided by the legislature in 1990 through 2016 as part of this unique and extraordinarily impactful private-public partnership.

# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

### PROMOTING ECONOMIC DEVELOPMENT IN IOWA

- **“The World Food Prize brings more Agribusiness CEOs to Iowa than any other organization.”**

In 2015/16, alone this included CEOs from: Bayer Crop Science, Cargill, DuPont, Land O'Lakes, Hormel, Kellogg, Syngenta, Dow AgroSciences, Intrexon, The Climate Corporation, Econet Wireless (South Africa), the International Association of Agricultural Production Insurers (Austria), and senior executives from: John Deere, Monsanto, Nestlé, Elanco, Mosaic, Novozymes, Starbucks, Google, PepsiCo, Adecoagro (Argentina), Jain Irrigation (India), Abbott.

- **The World Food Prize programs and events have contributed over \$100 million to the Iowa Economy.**

This includes over \$80 million in direct spending by the World Food Prize Foundation, and over \$25 million in estimated additional economic impact from spending by more than 10,000 individuals who travel to Iowa to attend the World Food Prize events.

*"I am forever indebted to you for assembling the table of industry titans. It was a smart strategic play for Iowa and I seized the opportunity.*

~ Debi Durham

Director, Iowa Economic Development Authority  
commenting on agribusiness CEOs she dined with  
at the World Food Prize

**The World Food Prize Hall of Laureates \$32 million construction and restoration project generated between 1,000 and 1,600 jobs in Iowa over a two-year period, involving 25 separate sub-contractors.**

- **The World Food Prize has emphasized the importance of biotechnology and science in agriculture.**
  - Partnering with **Iowa Corn Growers** and the U.S. Grain Council to bring over 500 foreign government biotechnology regulators to Iowa.
  - Coordinating with the **Iowa Soybean Association** to bring over 400 international participants at the World Food Prize symposium to visit Iowa farms to observe modern agricultural practices, including biotechnology.
  - Highlighting the critical role of biotech in its Borlaug Dialogue symposium beginning in 2000 when its symposium topic was The Safety of GMO Crops and Their Role in Feeding Developing Countries.
  - "The World Food Prize brings more distinguished international speakers to Iowa than any other organization," according to one leading agricultural journalist.
- **The World Food Prize has provided 230 distinguished international speakers to Iowa educational institutions, valued at an estimated \$1,150,000.**
  - Iowa colleges and universities participating in our Laureate Lecture Series at no cost to them have included: Graceland University in **Lamoni**; Loras College in **Dubuque**; William Penn University in **Oskaloosa**; Hawkeye Community College in **Waterloo**; Central College in **Pella**; University of Northern Iowa in **Cedar Falls**; Simpson College in **Indianola**; Luther College in **Decorah**; Buena Vista College; Morningside College in **Sioux City**; Wartburg College in **Waverly**; Waldorf University in **Forest City**; Grand View University; Des Moines Area Community College; and Drake University in **Des Moines**; University of Iowa in **Iowa City**; and Iowa State University in **Ames**.

*"Kemin has enjoyed significant economic value by participating in the World Food Prize events each October. For every dollar we have invested in the World Food Prize activities, we have probably received an additional \$5 in return. By helping [us] solve problems, one [World Food Prize] Laureate saved our customers millions of dollars."*

~ R.W. Nelson

Chairman of the Board, Kemin Industries

# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

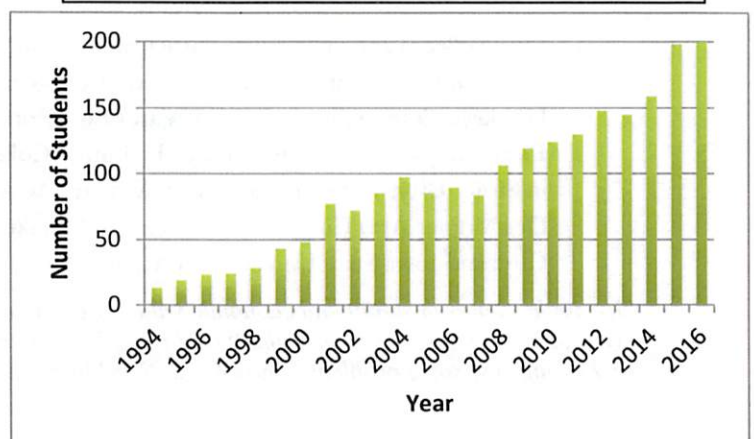
### PROVIDING UNIQUE EDUCATIONAL OPPORTUNITIES IN STEM FOR IOWA HIGH SCHOOL STUDENTS ACROSS THE STATE

- Since 1994, about 2,000 students and 900 teachers, the overwhelming majority from across Iowa, have taken part in the **World Food Prize Global Youth Institute** held each October. (See map)
- Since 2011, 63% of all Iowa High Schools have had a student and teacher participate in the **World Food Prize Iowa Youth Institute** held each spring in Ames.
  - April 2016, there were **281 Iowa high school students from 126 high schools**, plus their teachers participating at the **Iowa Youth Institute** held in conjunction with Iowa State University.
  - **273 high school students**, the great majority from Iowa, have served as **all expenses paid Borlaug-Ruan International Interns** at 34 renowned international agricultural research centers in 20 foreign countries. **This is an investment of over \$2 million by the World Food Prize in the future of these young Iowa students.**
  - **151 students have served as paid summer interns** as part of the **USDA / World Food Prize Wallace-Carver Fellowship Program.**
  - Approximately **200 Iowa college students have served as World Food Prize George Washington Carver Interns** working with staff members of the World Food Prize Foundation.
- **The impact of World Food Prize Youth Education Programs is dramatic.** Among all students who participate:
  - **92% pursue college degrees in agriculture or STEM related areas;**
  - **77% chose careers in agriculture and STEM fields.**
  - **Two-thirds of all participants in World Food Prize Youth Education programs are young women.**
  - **Iowa students participating in World Food Prize Youth Education Programs have, as a result, become eligible to receive almost \$2 million in college scholarships.**

**World Food Prize Youth Programs  
Participation by Iowa High Schools**



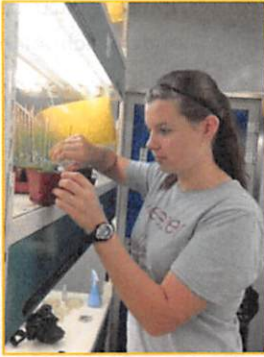
**22 Years: Growth in the  
Global Youth Institute**



# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

### LIFE CHANGING EXPERIENCES FOR IOWA HIGH SCHOOL STUDENTS AMONG THE 273 STUDENTS SENT ABROAD AS BORLAUG-RUAN INTERNS



**Rylee McDermott** from **Colesburg**, Iowa, is currently in her senior year at the Iowa State University, studying Global Resource Systems. She was a 2013 Borlaug Ruan intern at the **Chinese Agricultural University** in Beijing and a George Washington Carver intern to the World Food Prize. Rylee has been involved with the Global Resource Systems program in Uganda and has traveled extensively to conferences held across the globe for ISU's International Association of Students in Agricultural and Related Sciences (IAAS).

**Abbey Avery Canon** from **Rowan**, Iowa, was a 2004 Borlaug Ruan intern at the International Livestock Research Institute in **Ethiopia**. Shortly after graduating from Veterinary School at Iowa State University, she served as Centers for Disease Control and Prevention State Epidemiologist for Montana and Wisconsin. Abbey also holds a Master's Degree in Public Health from University of Iowa and is currently working as a veterinarian at ISU's Center for Food Security and Public Health.



**Adrian Richardson** from **Creston**, Iowa, was a 2002 Borlaug Ruan intern at the **Embrapa-Brazil**. He graduated from Iowa State University in 2007 with a Bachelor's degree in Agronomy and Biology. In 2006, Adrian served as a research intern at Syngenta in Hawaii. Since his college graduation in 2007, he has held multiple positions at DuPont Pioneer in Johnston, Iowa, and is currently serving as their Senior Agronomic Analyst.

**Sarah Anderson** from **Cedar Falls**, Iowa, was a 2008 Borlaug Ruan intern at the China Academy of Agricultural Sciences (CAAS) in Beijing. She holds a Bachelor of Science degree in Plant Genetics from Iowa State University, as well as a Ph.D. in Integrative Genetics and Genomics from University of California, Davis. Sarah currently works as a Postdoctoral Researcher in Biotechnology at the University of Minnesota.



**Emma Flemmig** from **Glidden**, Iowa, was a 2005 Borlaug Ruan intern at the International Maize and Wheat Improvement Center (CIMMYT) in **Mexico**. She pursued a Bachelor of Science degree in Agronomy and International Agriculture from Iowa State University, as well as a Master's Degree in Crop Science from North Carolina State University. Emma received a prestigious Fulbright-Nehru Student Research Fellowship for Punjab Agricultural University in **India**, and served as the World President of International Association of Students in Agricultural and Related Sciences (IAAS) in **Belgium**. She is currently a Ph.D. candidate in Crop and Soil Environmental Sciences at Virginia Tech.

# THE WORLD FOOD PRIZE



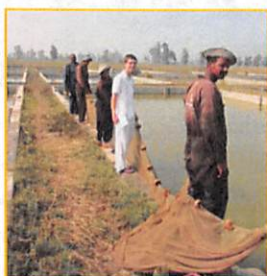
**Leah Lucas** from **Holy Cross, Iowa**, was a 2010 Borlaug Ruan intern at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) in Hyderabad, **India**. She has extensive international experience receiving grants and scholarships to study in **Guatemala, Mozambique** and **Brazil**. Leah, a Grinnell graduate as well as a food security and rural development professional, is currently a candidate for Master's degree in African Development at London School of Economics (LSE) in the **United Kingdom**.

**Blake McGhgy** from **Keokuk, Iowa**, was a 2012 Borlaug Ruan intern at M.S. Swaminathan Research Foundation (MSSRF) in **India**. He is currently pursuing a Bachelor's Degree in Social Studies - Political Economy and Science & Technology Studies at Harvard University, and has also been working as the Administrative and Research Assistant to the Director at the Harvard Center for Middle Eastern Studies. Blake has been active as a Chairperson at the State of Iowa Youth Advisory Council (SIYAC) and Undergraduate Research Scholar with the Program on Children and Global Adversity at Harvard.



**Garrett Skaar** from **Story City, Iowa**, was a 2005 Borlaug Ruan intern at the International Livestock Research Institute (ILRI) in **Ethiopia**. He holds a Bachelor degree in Animal Science from Iowa State University, as well as Master's degree in Meat Science from Kansas State University. After two internships with the Kraft Foods Group, Garrett is now a Food Scientist II at Tyson Foods in Springdale, Arkansas.

**Addie Hall Thompson** from **Hamburg, Iowa**, was a 2003 Borlaug Ruan intern at the International Rice Research Institute (IRRI) in **Philippines**. She holds a Bachelor degree in Genetics from Iowa State University and Ph.D. in Applied Plant Sciences - Plant Breeding and Molecular Genetics from University of Minnesota-Twin Cities. After a research position at the University of Minnesota, Addie currently works as a Postdoctoral Research Associate at Purdue University in Lafayette, Indiana.



**Timothy Sprick** from **Cedar Rapids, Iowa**, was 2008 Borlaug Ruan intern at the WorldFish Center in **Egypt**. He holds a Bachelor degree in Chemical Engineering (Magna Cum Laude) from Iowa State University. Timothy started as Project Engineer Intern at Cargill in 2012 in Cedar Rapids, Iowa, and has held multiple positions in the company. He currently works as a Production Supervisor at the Bloomington, Illinois branch of Cargill.

**Lincoln Wells** from **Storm Lake, Iowa**, was a 2010 Borlaug Ruan intern at the Bangladesh Rural Advancement Committee (BRAC). While he holds a Bachelor degree in Global Resource Systems and Statistics at Iowa State University, he did internships in **Tanzania** and **Puerto Rico**. Lincoln is currently pursuing a Master's degree in Epidemiology at University of Minnesota-Twin Cities and works as a Paraprofessional Student Worker at Minnesota Department of Health in Minnesota.

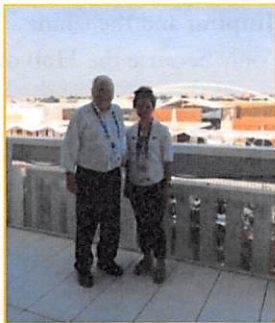


# THE WORLD FOOD PRIZE



**Catherine Swoboda**, from **Pleasant Hill**, Iowa, was a 2003 World Food Prize international intern at EMBRAPA agricultural research institute in **Brazil** where she was introduced to field studies in soybeans. This led her to the College of Agriculture in Ames. After obtaining BS and MS degrees in agronomy from Iowa State University, she was a 2012 World Food Prize/USDA Wallace Carver intern in Washington D.C. The youngest ever individual to be chosen as the outstanding Iowa State young alumni, she spent five years on the World Food Prize staff as director of the Iowa Youth Institute and the Borlaug Dialogue symposium. She is now on the faculty at Iowa State and in her second term as a member of the governor's STEM Advisory Council.

**Megan Srinivas**, from **Fort Dodge**, Iowa, was a 2003 Borlaug Ruan intern at the African Insect Science for Food and Health Center at Mbita Point, **Kenya**, when only 15 years old. She credits this experience with changing the course of her life which has included an undergraduate and master of public health degrees from Harvard University, a medical degree from the University of Iowa and her current medical residency at the Johns Hopkins School of Medicine. She was a summer fellow in Advanced Epidemiology at Tel Aviv University, and has focused on Latin American studies as part of her undergraduate and master's degrees.



**Mikayla Sullivan**, from **Ames**, Iowa, was a 2014 George Washington Carver intern at The World Food Prize Foundation. She is majoring in Global Resource Systems at Iowa State University and served as a student ambassador at the U.S. Pavilion at expo Milano in 2015. She is a cofounder and CEO of Kinosol, an Iowa based startup that specializes in mobile, solar powered dehydrators aimed at cutting post-harvest loss in developing countries. Kinosol was a national finalist at several national and Iowa based competitions for innovation in global food security, winning the 2015 Innove Competition and the 2015 Pappajohn Entrepreneurial Venture Competition.



2016 Iowa Youth Institute at Hilton Colosseum in Ames



# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

### BRINGING GLOBAL ATTENTION TO IOWA

U.S. representative Tom Latham said that, “The World Food Prize puts Iowa on the International Map.”

- “The World Food Prize international symposium is the premier conference in the world on global agriculture.” (Sir Gordon Conway, United Kingdom)
- Over 10,000 government officials, business executives, NGO leaders, research scientists, and international development and security experts from more than 70 countries have come to Iowa to take part in the Borlaug Dialogue international symposium over the past 17 years.
- In 2012, the Secretary-General of the United Nations presented the World Food Prize to Israeli Laureate Daniel Hillel at the Iowa State Capitol.
- Bill Gates launched his multi-million dollar program to uplift Africa out of poverty at the World Food Prize symposium in Des Moines in 2009.
- Tony Blair and Howard G. Buffett introduced their 40 Chances Initiative for Africa at the World Food Prize symposium in 2013.
- The 2012 U.S.-China High-Level Agricultural Symposium featuring Vice President Xi Jinping and the China Minister of Agriculture, and 200 top U.S. and China business executives took place in Iowa only because the Hall of Laureates was made available by the World Food Prize to USDA to host the event.
- The World Food Prize is the “Nobel Prize for Food and Agriculture.” (Dr. Johannes Rau, President, Federal Republic of Germany).
- The World Food Prize Laureate Award Ceremony (at the Iowa State Capitol) “surpasses the ceremony at which I received the Nobel Peace Prize (in Oslo).” (Dr. Norman E. Borlaug)
- “We met a more diverse array of people at the World Food Prize (in Iowa), than at any other conference our foundation has attended, anywhere around the globe.” (Senior Executive – Bill and Melinda Gates Foundation)
- “I bumped into Kofi Annan at the airport in Des Moines.” (Rajiv Shah, President of the Rockefeller Foundation)
- “The idea for the \$100 million U.S.-India Agricultural knowledge Initiative announced by Prime Minister Singh and President Bush in 2006, sprang from an idea discussed at a World Food Prize luncheon.” (Hon. M. McPhearson, President, Dow-Jones)
- The World Food Prize Laureate Announcement Ceremony with the U.S. Secretary of State each year at the U.S. State Department in Washington D.C. has taken place for 13 consecutive years, draws top diplomats and senior leaders.

*“The ideas that came out of the World Food Prize International Symposium helped shape the U.S. response to bioterrorism immediately after the events of 9/11.”*

~ Dr. Bernard A. Schwartz  
Acting Commissioner, U.S. Food and Drug Administration

# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

### LEADING AND SUPPORTING HUNGER-FIGHTING EFFORTS IN IOWA

- With the support of Iowa's four former governors in 2006, **the World Food Prize created the Iowa Hunger Summit**. The Iowa Hunger Summit is the only state-wide event that brings together hunger fighters, government and business executives, medical professionals and religious and civic leaders to highlight efforts to counter hunger at home and abroad.

Over the past decade, the **Hunger Summit**, in conjunction with our **presenting sponsor the Iowa Farm Bureau and Farm Bureau Financial**, has brought over 5,000 Iowa

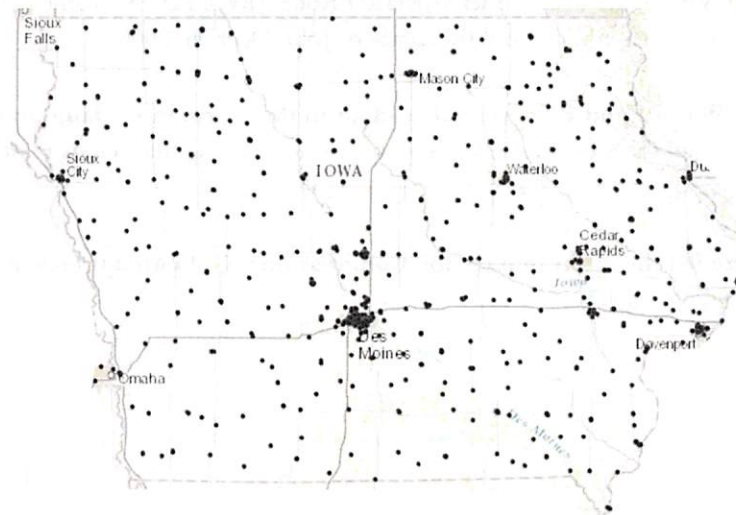
**hunger fighters together, free of charge**, to enhance Iowa efforts to confront food insecurity, poverty and malnutrition, both at home and abroad.



The Inaugural Iowa Hunger Summit In 2006

- The World Food Prize, in conjunction with the **Governor's Healthiest State Initiative** in 2016, funded the **Double Up Food Bucks pilot program** at local farmers markets in **Decorah, Dubuque, Perry, Spencer, Iowa City and Des Moines**.
- **The World Food Prize Iowa Hunger Directory** was created to provide a free site for all Iowa organizations to share information about the results of their hunger-fighting efforts. It has over **500 Iowa organizations** registered with representation **in all 99 Iowa counties** (see map).
- In 2013, **the World Food Prize created the Robert D. Ray Iowa SHARES Humanitarian Award** to honor Iowa hunger fighters who have provided exceptional leadership in countering hunger at home and abroad. Recipients include: Ron de Weerd of **Rock Valley** and Joan Fumetti of **Dubuque** at Foods Resource Bank, Merry Fredrick of Self-Help International in **Waverly** and Lucille Wilson of the **Des Moines Area Hunger Hike**.

### Location of Hunger-Fighting Organizations Profiled in the Hunger Directory



# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

### PRESERVING IOWA'S AGRICULTURAL LEGACY AT THE NORMAN BORLAUG HALL OF LAUREATES AND AT EVENTS ACROSS IOWA

The **Norman Borlaug Hall of Laureates** is a magnificently restored architectural treasure that tells the story of Iowa's unique Agricultural and Humanitarian heritage, including Herbert Hoover, Henry A. Wallace, George Washington Carver and Jessie Field Shambaugh, the "Mother of 4-H."

The **Hall of Laureates** serves as a facility available to the State of Iowa to host major events, including: the U.S.-China Agricultural Symposium with Vice President Xi Jinping; the 2017 Council of State Governments Summer Legislative national conference, being hosted by the Iowa State Legislature; the 2016 National Governors Association summer meeting; the Iowa-Hebei Sister State 30th Anniversary dinner hosted by Governor Branstad in 2013; and the signing ceremony for \$4 billion in Iowa soybean purchases by China in 2012.

- Approximately **70,000 visitors, including Iowa school children** have gone through the Hall of Laureates and its **\$1 million Educational Exhibits** over the past five years, which is open free of charge to visitors to learn about Dr. Norman Borlaug and Iowa's great agricultural legacy.
- Over **400 international visitors to the World Food Prize** have toured Iowa farms in partnership with the Iowa Soybean Association.
- Over **500 foreign government representatives who regulate biotechnology** attended the World Food Prize and toured Iowa farms in conjunction with the **Iowa Corn Growers**.
- **Distinguished international guests** at the World Food Prize have been taken to significant Iowa tourist attractions, including: **Amana Colonies**; Hoover Library in **West Branch**; the Garst Farm in **Coon Rapids**; the Bridges of **Madison County**; the Scenic Railroad at **Boone**; the Historic Dutch Town in **Pella**; the Borlaug Farm near **Cresco**; the Danish Windmill at **Atlantic**; the Reiman Gardens in **Ames**; the Neal Smith National Wildlife Refuge in **Prairie City**; and the Henry Wallace home in **Orient**.
- **World Food Prize bipartisan Hoover Wallace Dinners** have been held in **Cedar Rapids, Cedar Falls, Coralville, and West Des Moines**. Honorees at these dinners have included: Senators Grassley and Harkin in 2011; Governor Branstad and Secretary Vilsack in 2012; former Governor Robert Ray in 2005; Former Senator John Culver and former Congressman Jim Leach in 2007; and the legacy of John Deere in 2006.
- The **President of the World Food Prize** served as chair of the **Norman Borlaug Statue Committee** which raised all of the funds and selected the artist to create the statue of Dr. Borlaug that stands in **Statuary Hall** at the U.S. Capitol.
- The **World Food Prize** led the effort to have the **Congressional Gold Medal** presented to **Dr. Borlaug** in the rotunda of the U.S. Capitol in 2007.

# THE WORLD FOOD PRIZE

## RETURN ON INVESTMENT

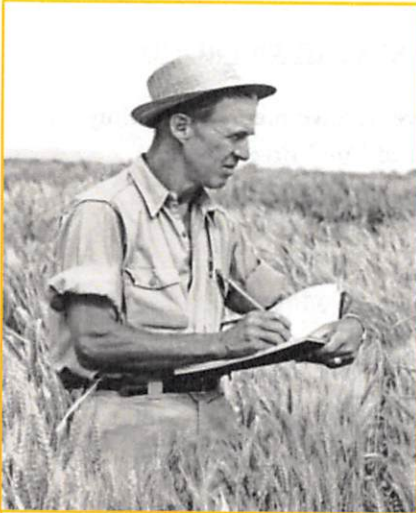
### BRINGING NATIONAL ATTENTION TO IOWA AND MAKING IOWA PROUD

Few, if any, other Iowa organizations and certainly none with only 10 employees, have received as many national and statewide awards or recognition over the past decade as the World Food Prize.

Honors include:

- **FFA's Distinguished Series Citation**, its highest national award presented to the World Food Prize for the achievements of its youth education programs;
- **American Farm Bureau's Distinguished Service Award to Agriculture**, its highest national honor;
- **Agriculture Future of America (AFA)'s Leader in Agriculture Award**, its highest recognition;
- **Crop Science Society of America's Presidential Award**, its highest honor;
- **National Association of Agricultural Educators Outstanding Cooperation Award**;
- **U.S. Green Building Council LEED Platinum Award**, the highest possible recognition of energy efficiency and resource conservation, was presented to the World Food Prize for its **Hall of Laureates** restoration;
- **Iowa Academy of Science, Friend of Science Education Award**;
- **Iowa FFA Association, Distinguished Service Award**;
- **Friends of Iowa Civil Rights Organization, Elizabeth Kruidenier Lifetime Achievement Award**;
- **Two Recipients of the Iowa State University Outstanding Young Alumni Award**: two of the 10 members of the World Food Prize staff (20%) were recipients of this honor;
- **Three Recipients of the Forty Under 40 Award**: Three of the World Food Prize staff (30%) have been recipients of this recognition given in Central Iowa;
- **Woman of Influence Award**: The Vice President of the World Food Prize was recognized with Lt. Governor Kim Reynolds with this award; and
- **Three Recipients of the Iowa Medal**, our state's highest civilian honor. The World Food Prize is the only organization in Iowa history to have its three founders/leaders all awarded the Iowa Medal: Dr. Norman Borlaug, John Ruan, Sr. and Ambassador Kenneth Quinn.

# THE WORLD FOOD PRIZE



**Dr Norman E. Borlaug**  
1970 Nobel Peace Prize Laureate and  
Founder of the World Food Prize

## EXECUTIVE SUMMARY

### HONORING OUR STATE'S GREATEST HERO

One hundred and two years ago, Norman Borlaug was born on a farm outside Cresco, Iowa. He would go on to become a legendary scientist and humanitarian, and our state's greatest hero. After winning the Nobel Peace Prize for his life-saving innovations in agriculture, Dr. Borlaug established the World Food Prize in 1986 with the great hope that it might one day come to be seen as the "Nobel Prize for Food and Agriculture."

In 1990, when it appeared that the Prize would go out of existence when its first corporate sponsor withdrew, Iowa philanthropist John Ruan, Sr., intervened in an effort to rescue the World Food Prize and move it to Iowa. With the support of then Governor Terry Branstad and the bipartisan leadership of the state legislature, a great private-public partnership was created with the goal of having Iowa be seen as the food and agriculture capital of the world.

Thirty years later, the dreams of those two small-town Iowans and the investment made by the State have blossomed as the World Food Prize has become an internationally recognized institution that brings great attention to Iowa from all around the globe and provides exceptional opportunities for business executives, government leaders and youth in our state.

### THE 30<sup>TH</sup> ANNIVERSARY

In October 2016, the World Food Prize celebrated the 30<sup>th</sup> anniversary of the founding of our award by Iowa native and Nobel Peace Prize Laureate Dr. Norman E. Borlaug. This was a year to emphasize how Dr. Borlaug's initial hope that there could be a prize that would become the equivalent of the Nobel Prize for food and agriculture, thanks to the several decade-long public private partnership with the State of Iowa and the committed support of the John Ruan Trust and the Ruan family, has become a reality.

This culminated an extraordinary three-year period of celebrating Dr. Borlaug's achievements and his status as Iowa's greatest hero. In 2014, the centennial of his birth was highlighted with the unveiling of his statue in the U.S. Capitol. It was the bipartisan action by the state legislature and the approval by Governor Branstad that made this historic accomplishment possible. The president of the World Food Prize, Ambassador Kenneth M. Quinn, was privileged to chair the committee that selected the artist and raised the money for the creation and installation of the statue.

As we began the second century of Norman Borlaug's heritage, the World Food Prize Foundation has endeavored to fulfill his goals of ensuring adequate food for all mankind while at the same time addressing the key goals and objectives at the heart of the public-private partnership shared by the World Food Prize Foundation and the State of Iowa..

In 2016, the results of this ongoing collaboration between the public sector, the food and agricultural industry and the non-profit world created great benefits for our state as outlined in this detailed report.

# THE WORLD FOOD PRIZE

## THE GOALS OF THE WORLD FOOD PRIZE

As developed by Dr. Borlaug and John Ruan, Sr., and expanded over the past decade by John Ruan III and Ambassador Kenneth M. Quinn, the World Food Prize Foundation's three goals are to:

- Inspire and recognize breakthrough achievements around the world in alleviating hunger;
- Carry on a national dialogue on critical issues in global food security and agriculture; and
- Promote Iowa in terms of economic development and educational opportunities, and build community engagement to combat hunger in Iowa.

In fulfillment of the aforementioned objectives, each October on or around World Food Day (October 16), the World Food Prize Foundation endeavors to turn the attention of the world to Iowa by holding one of "the most significant observances of World Food Day anywhere around the globe." During CY 2016 the World Food Prize Foundation planned and implemented a series of programs, projects and events to accomplish this goal, and has also built in major events throughout the year.

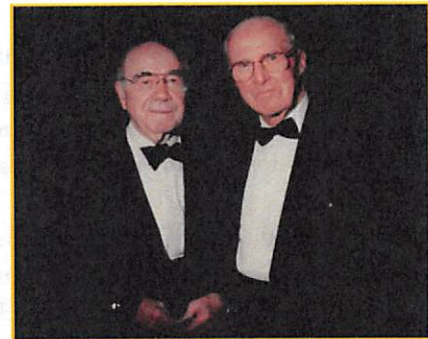
This report summarizes all of those activities during CY 2016, while also outlining the efforts made by the World Food Prize Foundation, especially over the past 17 years under Amb. Quinn's leadership, to build our organization into a great asset for the State of Iowa, to promote economic growth, provide unique educational opportunities for young Iowans, and foster a strong community.

This detailed report is broken down into the following five major categories of our programs:

- Promoting economic development in Iowa;
- Providing extraordinary educational opportunities for Iowa high school students;
- Holding events with statewide outreach for Iowa communities;
- Celebrating our state and preserving Iowa's heritage; and
- Hosting regional, national and international conferences and gatherings at the Hall of Laureates to promote tourism in Iowa.

## PROMOTING ECONOMIC DEVELOPMENT IN IOWA

In terms of economic development, the World Food Prize **Borlaug Dialogue** international symposium has been called the "premier conference in the world on global agriculture."



**Mr. John Ruan, Sr. and Dr. Norman E. Borlaug**  
John Ruan, Sr. (left), is credited with saving the World Food Prize and relocating it to Des Moines



**2016 Borlaug Dialogue – Women Leaders Driving Science and Innovation for Agricultural Transformation in Africa panel**  
Pictured above (left to right), Hon. Prof Ruth Oniang'o, Chair of Boards of Sasakawa Africa Association, H. E. Ameenah Gurib-Fakim, President, Republic of Mauritius, Dominique Charron, Director for Agriculture and Environment, Canada's International Development Research Centre, and Jemimah Njuki, Senior Program Specialist, International Development Research Centre

# THE WORLD FOOD PRIZE

The World Food Prize convenes many of the most innovative and influential people in the worlds of food and agriculture. The remarkable array of guests our conference gathers, including people from inside Iowa and around the globe, attend the dialogue panels together, discuss critical issues during side events, meetings and meals, and connect around real-world issues and challenges. Iowa business leaders, innovators, youth and the public have front-row seats and enjoy tremendous opportunities to interact with these most accomplished experts and guests.

This year, our theme was **“Let Food Be Thy Medicine”, which tied in fittingly with the achievements in crop science and nutrition of the 2016 Laureates.** The 2016 World Food Prize was awarded to four individuals: Dr. Maria Andrade, Dr. Robert Mwangi, Dr. Jan Low, and Dr. Howarth Bouis. “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 were honored in 2016 – the development and implementation of biofortification, breeding critical vitamins and micronutrients into staple crops, thereby dramatically reducing “hidden hunger” for millions.

*“Events such as the Borlaug Dialogue are essential to keeping the world focused on this important challenge – to sustainably feed the ever-increasing global population.”*

~ Mara Sovey, President, John Deere Foundation

As we honored our four Laureates with the World Food Prize, and in view of the unprecedented challenge our world faces to sustainably and nutritiously feed the 9 billion people who will inhabit our planet by the year 2046, we celebrated the 30<sup>th</sup> Anniversary of the founding of the World Food Prize

with the Borlaug Dialogue which culminated in discussions and speakers reflective of the legacy of Dr. Borlaug’s life and work with leading international leaders, experts, farmers, and scientists.

The conversations and keynotes at the Borlaug Dialogue focused on key topics critical to achieving global food security, including:

- The important role that food security plays in ensuring national and international security;
- Encouraging investment in agriculture, agricultural research, and in building educational capacity for research;
- Inspiring young women and girls to pursue education and careers in STEM (science, technology, engineering and mathematics);
- The role of precision agriculture, data, and informational technologies in production, conservation and resilience;
- Confronting malnutrition through biofortified, nutritious crops such as Orange Fleshed Sweet Potato;
- Leveraging open data for agriculture and nutrition to confront hunger and malnutrition;
- The impact of aquaculture and marine fisheries on nutrition, the environment and food security; and
- Scientific assessments of current trendlines for global food production, nutrition and sustainability and discussion on developing metrics to more accurately track and assess progress in achieving global food and nutrition security.

In 2016, over 1,400 individuals from almost 60 countries attended the Borlaug Dialogue conference. In view of the high-level leaders in global food security who gathered in Iowa to speak at the 2016 Borlaug Dialogue, it is clear yet again that the Dialogue is truly recognized as the premier conference where the world’s foremost leaders and thinkers come together to assess the international community’s and global agriculture’s collective progress in achieving global food security. Key leaders who spoke and participated in the 2016 Borlaug Dialogue included:

- Her Excellency Ameenah Gurib-Fakim, President of the Republic of Mauritius
- Her Excellency Joyce Banda, former president, the Republic of Malawi
- President Dr. Jim Yong Kim, President of the World Bank Group

# THE WORLD FOOD PRIZE

- His Excellency Akinwumi Adesina, President of the African Development Bank Group
- The Honorable Thomas J. Vilsack, Secretary of Agriculture, United States
- The Honorable Patricia Haslach, Principal Deputy Assistant Secretary, United States Bureau of Economic and Business Affairs
- Dr. Judith Rodin, President of The Rockefeller Foundation
- Jim Collins, Executive Vice President, DuPont USA
- Amb. Ryan C. Crocker, U.S. Ambassador to Afghanistan (2011-2012), Iraq (2007-2009), Pakistan (2004-2007), Syria (1998-2001), Kuwait (1994-1997), and Lebanon (1990-1993)
- Ambassador William J. Burns, former U.S. Ambassador, current president for the Carnegie Endowment for International Peace
- Ambassador Wendy J. Chamberlin, former U.S. Ambassador, current president of the Middle East Institute
- Top executives of leading food and agribusiness companies including Randy Edeker, Chairman and CEO of Hy-Vee, John Bryant, Chairman of the Board and Chief Executive Officer of Kellogg Company, Jeffrey M. Ettinger, Chairman of the Board and Chief Executive Officer of Hormel Foods, Paul E. Schickler, President of DuPont Pioneer, Josette Sheeran, President and CEO of Asia Society, Randal J. Kirk, Chairman and Chief Executive Officer of Intrexon, Ponsi Trivisvavet, President of Syngenta Seeds, Liam Condon, Member of the Board of Management of Bayer AG
- Smallholder farmers, students and world-renowned scientists

Following Governor Branstad's initiative, the president of the World Food Prize Foundation met with senior state officials during 2016 to ensure that Iowa businesses and officials were aware of these unique opportunities. The World Food Prize is already working closely with the Governor, Lt. Governor and the Director of the Iowa Economic Development Authority to plan how the 2017 Borlaug Dialogue can provide even greater opportunities for the state.



**2016 Laureates Maria Andrade, Robert Mwanga, Jan Low, and Howarth Bouis Receiving the 2016 World Food Prize at the Iowa Capitol World Food Prize on October 13, 2016**

During that week of events, we also had the distinct honor of welcoming our guests from around the world in the incomparable setting of the Iowa State Capitol during the **2016 World Food Prize Laureate Award Ceremony**. During this event, the \$250,000 World Food Prize was presented to four Laureates—Drs. Maria Andrade, Robert Mwanga, Jan Low, and Howarth Bouis—for their ground-breaking achievement in the development and implementation of biofortification, breeding critical vitamins and micronutrients into staple crops, thereby dramatically reducing “hidden hunger” for millions.

Over 800 people filled the House Chamber for the ceremony on the evening of October 13, which was presided over by Governor Terry

Branstad and **broadcasted live across the state on IPTV and around the world via webcast.**

The World Food Prize receives global attention year-round and brings additional focus to the State of Iowa in other ways. Prior to our ceremony, the 2016 World Food Prize Laureates were announced in July at the U.S. State Department in Washington, D.C., bringing international attention to the World Food Prize Foundation and the State of Iowa. Additionally, Ambassador Quinn announced the fifth winner of a secondary award, the annual \$10,000 **Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation**, at a special event held at the International Livestock Research Institute in Nairobi, Kenya in September.



# THE WORLD FOOD PRIZE

## PROVIDING EXTRAORDINARY EDUCATIONAL OPPORTUNITIES FOR IOWA HIGH SCHOOL STUDENTS

The World Food Prize has an amazing array of programs and experiences that impact young Iowa students across our state. Our Foundation has built a successful series of youth education programs grounded in the practical applications of sound educational and scientific principles. These programs are aimed at introducing high school students to issues related to STEM, agriculture and hunger around the globe, and inspiring the next generation to become leaders in these fields. **Of the students who complete the World Food Prize youth programs, 92% go on to pursue college degrees in agriculture and science, and 77% choose careers in agriculture, STEM and other fields critical to the fight against hunger.** Furthermore, the programs boast an impressive, two-thirds participation by young women.



The World Food Prize's leadership in youth education has received significant recognition in recent years. **The STEM Food & Ag Council recognized the World Food Prize Youth Institute as a "national model of excellence in STEM education."** **The National Association of Agricultural Educators (NAAE) bestowed its "Outstanding Cooperation Award" for the incredible support and opportunities the World Food Prize provides to high school teachers and students in Iowa and across the country.** **The National FFA Organization recognized the World Food Prize youth programs with the Distinguished Service Citation, the youth development organization's highest honor.** **The Iowa Academy of Science recognized the World Food Prize as a premier supporter of science education.** These distinguished honors paid tribute to the World Food Prize Foundation for the effectiveness of its education and youth leadership programs, including the Iowa Youth Institute, Global Youth Institute, Borlaug-Ruan International Internships, Wallace-Carver Fellowships, and other state institutes nationwide.

Included among these opportunities for young people are the:

### Iowa Youth Institute

The fifth annual Iowa Youth Institute took place at Iowa State University on April 25, 2016. With the extremely generous support of Paul and Claudia Schickler, the **Iowa Youth Institute** is at the leading edge of the effort to increase interest in and the study of STEM and agriculture subjects among Iowa high school students. Specifically, administrators and teachers engage a large number of their students in the program by guiding them in writing a research paper about global hunger issues. Through their research, students study hunger issues in another country, focus on a specific factor that influences food security in that country, and then propose scientific, technological and policy solutions to improve the situation.



2016 Borlaug Scholars

# THE WORLD FOOD PRIZE

Each high school then selects a student to represent their school as a **Borlaug Scholar** at the Iowa Youth Institute.



On April 25, 2016, 281 Borlaug Scholars and their teachers from 126 Iowa high schools gathered on the campus of Iowa State University in Ames for the day-long Iowa Youth Institute. Students presented and discussed their research papers and solutions with their peers and were led in discussion by experts from Iowa State University, agribusinesses, state and community leadership, and business leaders. Students and teachers spent a portion of the day on campus in interactive activities learning about research taking place in Iowa that confronts issues in global hunger, agriculture, energy, human health and the environment.

The program strongly emphasizes the role of STEM in addressing global hunger and related issues, and is designed to connect Iowa students to educational opportunities and career pathways in STEM. Interaction with Iowa leaders introduces students to the vast opportunities for STEM careers in Iowa associated with hunger and food security issues. **All students who participate earn a \$500 scholarship to attend the College of Agriculture and Life Sciences at Iowa State University. Seventy-five students are selected to attend the Global Youth Institute held in conjunction with World Food Prize events in October.**

The ultimate goal of this program is to have all Iowa high schools participate in the Iowa Youth Institute.

## Global Youth Institute

In addition to a large array of international visitors, the World Food Prize attracted an additional 200 of the best and brightest high school students and a like number of their teachers from across Iowa, as well as from 31 other states and territories and seven foreign countries to attend the 2016 **Global Youth Institute** in October. This year marked the 22<sup>nd</sup> year of the program during which the students attended speeches by world renowned leaders, presented their own research, and joined in hunger relief efforts.



**Global Youth Institute participants chat with 2016 Laureate, Dr. Jan Low, at DuPont Pioneer's Carver Center**

Over three days, these youth participants attended some of the Borlaug Dialogue symposium sessions and also had their own separate activities, including a day-long program held at DuPont Pioneer's Carver Center in Johnston on the final day of the Global Youth Institute. During that event, students presented their own research papers to faculty composed of World Food Prize Laureates and other international experts.

Over the past 22 years, the Global Youth Institute program has developed into one of the most highly praised educational endeavors in America, which has attracted the National Board of 4-H, the top leadership of FFA, as well as members of the STEMconnector Board and leadership from universities nationwide to Iowa to observe.

# THE WORLD FOOD PRIZE

Created by Dr. Borlaug and John Ruan in 1994, the Global Youth Institute was developed to challenge and inspire participating student-teacher teams to identify ways of alleviating hunger, and to expose the students to opportunities and careers in food, agriculture and natural resource disciplines. Dr. Borlaug often stated, “I am certain that these students will become tomorrow’s agricultural, scientific and humanitarian leaders in the fight to end hunger.”

## Borlaug-Ruan International Internship

Alumni of the Global Youth Institute are able to apply to become World Food Prize **Borlaug-Ruan International Interns** who are sent on eight-week **all-expenses-paid assignments at international research centers in Africa, Asia, Latin America and the Middle East**. During the internship experience, these 16-, 17- and 18-year-old high school students are able to interact with renowned scientists and participate in exceptional studies and research projects as part of their two-month program.

**In 2016, 23 students participated in this program in 13 foreign countries.** Isiah Brandt, a student from Sumner, Iowa, was selected as one of the three most outstanding International Interns honored at the 2016 Laureate Award Ceremony at the Iowa State Capitol for his “push-pull agriculture” research in Kenya. He is currently a student at Iowa State University majoring in agricultural engineering. We have a strong track record of successfully engaging students so that they can approach food security with feelings of personal responsibility, understanding and commitment.

## Wallace-Carver Fellowship

World Food Prize youth programs alumni are also eligible to apply to become **Wallace-Carver Fellows** at the U.S. Department of Agriculture. **In 2016, 37 students were selected to participate** in two-month paid fellowships where they had the opportunity to analyze agricultural and economic policy; assist in the management of food, nutrition, and rural development programs; and take part in groundbreaking field and laboratory-based research.

As a capstone to their experience working at USDA, the fellows travel to Washington, D.C. for a week-long high-level leadership symposium hosted by the U.S. Secretary of Agriculture Tom Vilsack.

The Washington Leadership Symposium is a once-in-a-lifetime opportunity for students to examine key domestic and global challenges facing the United States, and explore the exciting opportunities to impact agriculture, the environment, human health and science through a career in public service.

Over four days, the Wallace-Carver Fellows participate in a series of high-level briefings, tours, group activities, and dinner discussions around Washington D.C. with key government officials and American thought leaders.

## George Washington Carver Internship

Finally, in 2016, the World Food Prize welcomed **28 students from colleges and universities** as **George Washington Carver Interns** to collaborate with Foundation staff to work on various aspects of planning and implementation of the Foundation’s programs. These students form close relationships with staff mentors and acquire valuable skills to help them develop and work toward their career goals.



Summer 2016 George Washington Carver Interns

# THE WORLD FOOD PRIZE

## HOLDING EVENTS WITH STATEWIDE OUTREACH FOR IOWA COMMUNITIES

Via its expanding statewide outreach efforts, the World Food Prize desires to have Iowa be recognized as the “Hunger Fighting Capital of America.” The Foundation strives to bring people together around hunger issues and facilitate discussions about our communities’ needs annually through the Iowa Hunger Summit, Laureate Lecture Series, and other special events each October, and also through the year-round, statewide reach of the Iowa Hunger Directory and Iowa Hunger Calendar.

### Iowa Hunger Summit

The 2016 **Iowa Hunger Summit** was a tremendous success, with 450 participants and 39 speakers and leaders in the fight against hunger from Iowa, the United States and around the world. The attendees engaged in a day of discussion panels, keynote speeches, activities and workshops. The 2016 Iowa Hunger Summit focused on Iowans’ responses to the evolving challenge of hunger at home and abroad, included the education of the efforts of AmeriCorps VISTA here in Iowa and highlighted the achievements of Iowa’s Food Resource Bank’s grassroots approach to feeding the world.

Leading government officials also participated, including: Governor Terry Branstad; Lt. Governor Kim Reynolds, U.S. Senators Joni Ernst and Charles Grassley, Senator Janet Petersen; Representatives Marti Anderson, Chuck Isenhardt and Art Staed; Mary Mosiman, Iowa Auditor of State; and Iowa Supreme Court Justices Mark Cady, Edward Mansfield and Thomas Waterman.



**Aryn McLaren, Director of Programs, Iowa Healthiest State Initiative**

Ms. McLaren discussed the importance of addressing the health needs of Iowans during the 2016 Iowa Hunger Summit

## CELEBRATING OUR STATE AND PRESERVING IOWA’S HERITAGE



**Reverend Joan Fumetti and Ron DeWeerd**  
2016 Robert D. Ray Iowa SHARES Humanitarian Award Recipients

Ambassador Quinn believes it is critical to recall and to celebrate our history and heritage in order to learn from one another and move forward in improving the world. To that end, to mark Governor Robert D. Ray’s 85th birthday in 2013, the World Food Prize created the **Robert D. Ray Iowa SHARES Humanitarian Award** to honor individuals who have provided significant leadership in confronting hunger and alleviating human suffering both at home and abroad, much as Governor Ray did on behalf of Asian refugees during his time in office. This year’s recipients, Rev. Joan Fumetti and Ron DeWeerd, long-time hunger-fighters with Foods Resource Bank working to alleviate global hunger through grassroots partnerships with American farmers, were honored during the Iowa Hunger Summit.

# THE WORLD FOOD PRIZE

## Iowa Hunger Directory

The **Iowa Hunger Directory**, an initiative announced by the World Food Prize in October 2012, has grown to **include over 500 organizations that reach into every county in Iowa**. The Iowa Hunger Directory is an online listing of hunger-fighting organizations in our state, including their contact information, activities, and ways to get involved. Types of organizations that have registered in the Hunger Directory include food pantries, food banks, garden programs, advocacy organizations, and many more. By providing a year-round, statewide platform for learning and networking, the Iowa Hunger Directory inspires increased efforts and collaboration among Iowa's hunger fighters, ultimately reducing hunger in the state.

Our **monthly Hunger Directory Newsletter** shares information about innovative efforts and collaborations among Iowa's hunger-fighters with over 500 individuals, and our **Iowa Hunger Calendar** enables people across Iowa to identify and take part in hunger-fighting events in their own communities. The Iowa Hunger Directory can be found online at [www.iowahungerdirectory.org](http://www.iowahungerdirectory.org).

## Laureate Lecture Series

In an effort to extend the discussions of the Borlaug Dialogue to a broad spectrum of Iowa's communities and engage citizens, students, teachers, and community leaders in a vibrant exchange of ideas and information, each year the World Food Prize arranges its **Laureate Lecture Series**, a set of free public lectures by its Laureates and other international experts, at colleges, universities, and civic organizations. **In 2016, there were 27 Laureate Lectures and, since the series' inception in 2002, the World Food Prize has facilitated nearly 230 presentations in Iowa communities.**

## HOSTING REGIONAL, NATIONAL AND INTERNATIONAL CONFERENCES AND GATHERINGS AT THE HALL OF LAUREATES TO PROMOTE TOURISM IN IOWA

In 2016, the World Food Prize celebrated its five-year anniversary in its headquarters, the Norman E. Borlaug Hall of Laureates. The building's re-opening in 2011 marked a historic moment, as this community centerpiece, which had served as the Des Moines Public Library for a century, was fully restored and renovated to give this Iowa architectural treasure a new identity and a renewed sense of purpose for the next 100 years while also preserving its historic integrity of the past 100 years.



The restoration and revival of this century-old edifice is one significant part of the collective revitalization of downtown Des Moines and the Principal Riverwalk and reflects the "urban renaissance" of downtown. The Hall of Laureates, a LEED Platinum certified building that is also on the National Register of Historic Places, now serves as an important destination point and place of inspiration and learning along with the many other landmarks open to visitors in our community.

*"Access to the World Food Prize Laureate Speaker program has opened the eyes of our rural Iowa children to the reality of global food insecurity. Questions that arose from their discussion with this year's excellent speaker included: How can we more widely disseminate technological advances to improve food production around the world? How can we meet the challenges of tomorrow without the tools of today?"*  
-- Mr. Steve Kaster, Principal; and Ms. Sue Meggars, Faculty, I-35 High School

# THE WORLD FOOD PRIZE

In its role as a convocation center open to the public for tours and events, the Hall of Laureates has evolved into the venue of choice for special gatherings and celebrations, as well as serving as the global epicenter of the struggle against hunger. The building is regularly open free of charge for visitors to tour and learn about the many storytelling elements featured throughout this historic setting. In 2016, the Hall of Laureates welcomed **over 20,000 Iowans and guests** from the national and international arena.

During the year, the Hall of Laureates garnered tremendous interest from a broad spectrum of international, national, and regional organizations that chose to hold their events at this Iowa architectural landmark. **Over 100 public open houses, 105 private events and over 80 additional tours were held at the Hall**, welcoming guests to experience this educational facility and public museum. Included among these gatherings were the:

- National Governor's Association Reception
- Iowa Soybean Association signing ceremony for \$2 billion purchase of soybeans from China
- National Corn Growers Reception and Dinner
- International Questers Conference Reception
- Silos and Smokestacks National Heritage Area Conference
- Polk County - Take Back the Night Kick Off Event
- CultureALL Bollywood Ball
- Des Moines Neighborhood Association Reception and Dinner
- Iowa FFA Legislative Symposium
- Global Insurance Symposium, bringing together national and international regulators as well as state and federal government representatives to discuss changing regulations in the international insurance marketplace



## Education Wing and Interactive Exhibits Tours

Unveiled by the World Food Prize Foundation in February 2014, the \$1 million Educational Wing is located on the garden level of the Hall of Laureates. In 2016, the World Food Prize continued to successfully attract and impact many new Iowa school groups and visitors of all ages, and the exhibits have been very well-received by all. More specifically, in 2016, over 1,300 students have had the opportunity to visit these exhibits and tour the Hall of Laureates.

The exhibits feature interactive displays and touchscreens centered on the global challenges of feeding the world. Also featured in this area is a timeline depicting the history of agriculture, biographies of Norman Borlaug and John Ruan, Sr., stories of the World Food Prize Laureates and Iowa's humanitarian and agricultural heroes; as well as an overview of the World Food Prize programs. We have also been proud to create and showcase an exhibit that captures and conveys the historic restoration of the Hall of Laureates.

## THE BOTTOM LINE

With essential state support, as part of a unique private-public partnership, the World Food Prize Foundation has grown into an internationally acclaimed institution, which continued its endeavor in 2016 to make Iowa be recognized as the "Hunger Fighting Capital of America and the World." To promote our home state, in CY 2017, the World Food Prize Foundation will continue to:

# THE WORLD FOOD PRIZE

- Welcome business, research and governmental leaders to our state and thus provide significant networking opportunities for Iowa firms and institutions;
- Expand opportunities for more Iowa students to be inspired to pursue education and careers in science, technology, engineering, math and agriculture; and
- Draw conferences, visitors and tourists to our state through our programs, events, and the World Food Prize Hall of Laureates.

## **Budget and Expenditures**

The World Food Prize utilizes funds appropriated by the state legislature to support the planning and implementation of its annual programs as well as the operating expenses of the Hall of Laureates.

With the opening of the Hall of Laureates in October 2011, the annual baseline budget of the World Food Prize Foundation increased by approximately 25% to reflect the additional \$750,000 in annual operations costs of this museum and educational and conference center. These expenses as well as expanded participation in the Borlaug Dialogue Symposium and the World Food Prize youth education programs resulted in recurring expenditures of just over \$3.7 million in CY 2016 (our 2015 legislative report anticipated \$3.7 million in expenditures). Estimated outlays in CY 2017 will be \$3.5 million. **The continued full funding of the World Food Prize Foundation Standing Appropriation of \$1 million in FY 2017 will thus be extremely important to ensure the continued effectiveness and success of World Food Prize programs and the operation of the Hall of Laureates.**

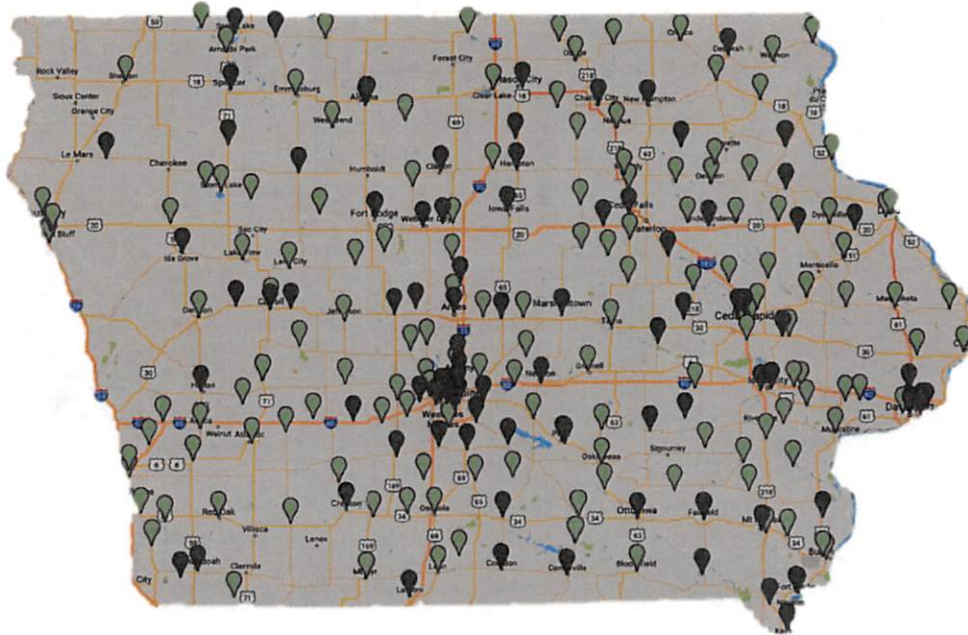
**It is stressed that NO State of Iowa funds appropriated to the World Food Prize Foundation are used for:**

- **Any part of the annual \$250,000 World Food Prize Laureate Award or the \$10,000 Dr. Norman E. Borlaug Award for Field Research and Application;**
- **Food or beverages served at any World Food Prize meal or social function;**
- **International travel by the World Food Prize staff; or**
- **Bricks and mortar construction.**

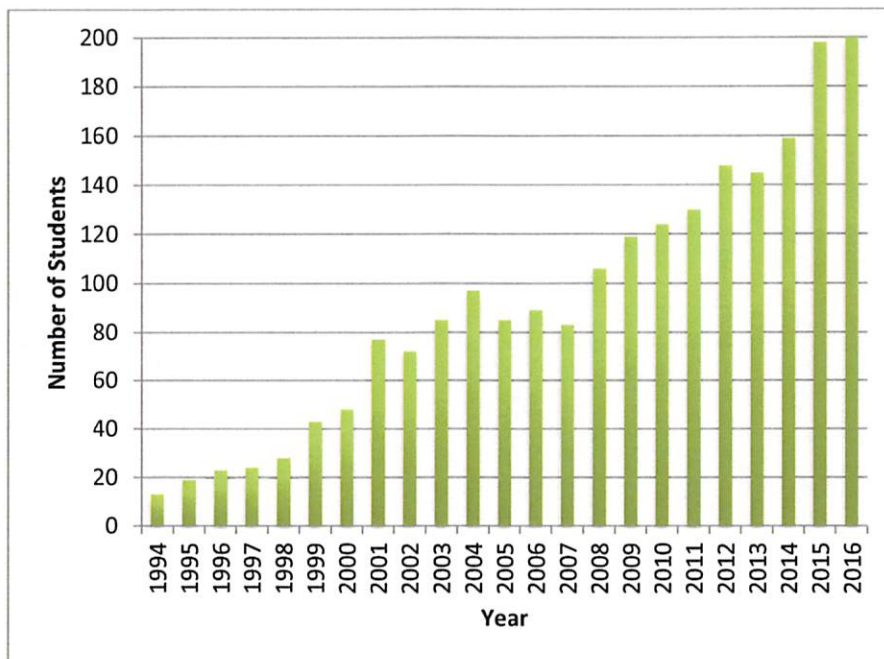
# THE WORLD FOOD PRIZE

## EXECUTIVE SUMMARY: APPENDIX WORLD FOOD PRIZE STATS & FIGURES

### World Food Prize Youth Programs Participation by Iowa High Schools



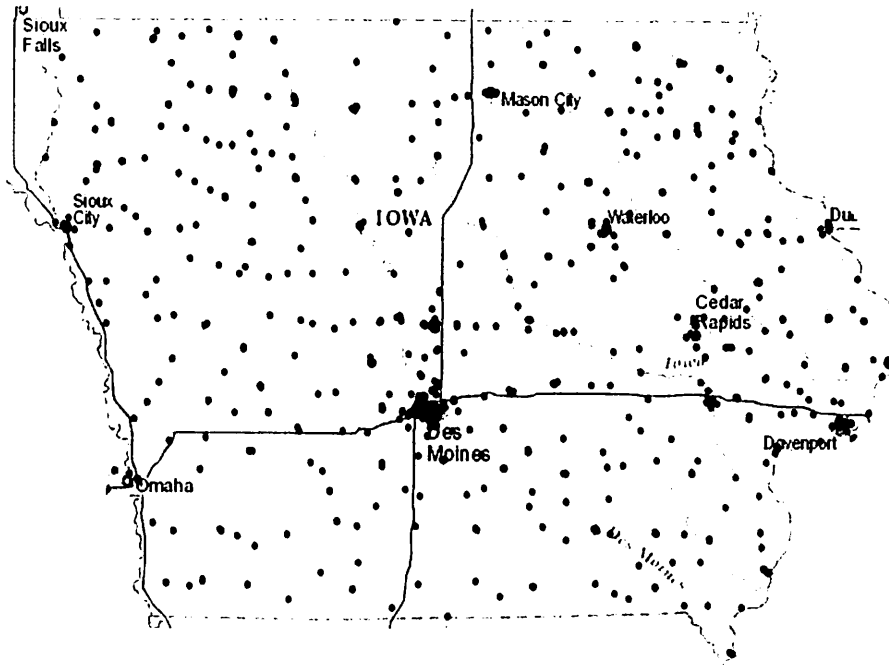
22 Years: Growth in the Global Youth Institute  
Number of Student Participants





# THE WORLD FOOD PRIZE

## Location of Hunger-Fighting Organizations Profiled in the Hunger Directory



# THE WORLD FOOD PRIZE

## THE WORLD FOOD PRIZE REPORT TO THE IOWA LEGISLATURE – DECEMBER 31, 2016

This report is submitted as a follow-up to the report submitted on December 31, 2015. It is in compliance with the legislation enacted in 2007 by the Iowa Legislature requiring that the World Food Prize Foundation submit a report at the end of each calendar year regarding the expenditure of money received from the State during that year. Because the World Food Prize budget is based on the calendar year, this report of necessity covers periods during which appropriated funds from two different State of Iowa fiscal years were utilized.

Please note that appropriated State of Iowa funds support the planning and implementation of the World Food Prize programs and events as outlined in this report and the operation of the restored Dr. Norman E. Borlaug Hall of Laureates. **State of Iowa funds are NOT used for:**

- **Any part of the annual \$250,000 World Food Prize Laureate Award or the \$10,000 Dr. Norman E. Borlaug Award for Field Research and Application;**
- **Food or beverages served at any World Food Prize meal or social function;**
- **International travel by the World Food Prize staff; or**
- **Bricks and mortar construction.**

### THE WORLD FOOD PRIZE OBJECTIVES

Three major objectives have guided the growth and development of the World Food Prize Foundation as we work toward the goal of realizing Dr. Norman Borlaug and Mr. John Ruan, Sr.'s vision for "the Prize" and as we endeavor to create unprecedented and unique opportunities for Iowans by: promoting economic development and tourism for our state, and providing valuable educational opportunities and experiences for our youth. These objectives are to:

- **In Iowa - Promote Economic Development and Provide Educational Opportunities.** Our objectives are: to hold events and carry out programs that promote economic development and opportunities for Iowa businesses; draw conferences and tourists to Iowa at our Hall of Laureates; inspire Iowans to fight hunger at home and abroad; provide unique educational opportunities for Iowa students, teachers and the public; and preserve Iowa's agricultural and humanitarian heritage.
- **Internationally – Inspiring and Recognizing Breakthrough Achievements to Combat Hunger around the Globe.** Our **international objective** is to recognize and inspire exceptional breakthrough achievements that increase food and reduce hunger in the world through the annual presentation of the \$250,000 World Food Prize, which has been called the "the Nobel Prize for Food and Agriculture."

Since its inception, the Prize has been presented to laureates from Bangladesh, Belgium, Brazil, Cape Verde, China, Cuba, Denmark, Ethiopia, Ghana, India, Israel, Mexico, Sierra Leone, Switzerland, Uganda, the United Kingdom, the United Nations, and the United States. The monetary award is funded entirely through an endowment from The John Ruan Trust.

# THE WORLD FOOD PRIZE

- **Nationally - Carry on a Dialogue on Critical Issues in Agriculture and Food Security.** Our **national/regional objective** is to conduct educational and informational programs such as the Borlaug Dialogue International Symposium, the Iowa Hunger Summit, the World Food Prize Global Youth Education Programs, Laureate Announcement Ceremony and a Laureate Lecture Series, which address the most important issues in global agriculture and bring a wide array of distinguished leaders, dignitaries, executives, experts, scientists and government officials to Iowa each year.

In the past 16 years, our annual conference has grown from a small half-day discussion attracting only 50 people from outside Iowa into a major weeklong event, each year welcoming over 1,400 participants from almost 60 countries and 40 states.

In fulfillment of the Foundation's objectives, each October on or around World Food Day (October 16), the World Food Prize endeavors to turn the world's attention to Iowa by holding one of **"the most significant observances of World Food Day anywhere around the globe."** In this regard, it is important to note that, since 2002 when the Iowa Legislature enacted legislation, October 16 has been designated each year as Dr. Norman E. Borlaug World Food Prize Day in Iowa. This is only the second time in Iowa history that an official day of recognition has ever been established. This action provides a strong basis for the World Food Prize Foundation to build a public-private partnership that can impact every part of the state.

As this report relates to the utilization of appropriated State of Iowa Funds, we have structured the document to give focus to how our World Food Prize programs and projects relate to promoting our key Iowa goals, particularly in Economic Development and Education.

During CY 2016, the World Food Prize Foundation planned and implemented a series of programs, projects and events to accomplish these goals, through events that take place in October and throughout the year. This report summarizes all of those activities during CY 2016, while also outlining the efforts made by the World Food Prize Foundation over the past 17 years to build our organization into a great asset for the State of Iowa, promoting economic growth and providing unique educational opportunities for young Iowans. An appendix provides details on World Food Prize staffing and budgeting as well as actual expenditures.

This detailed report is broken down into the following major categories of our programs:

- Promoting economic development in Iowa;
- Providing extraordinary educational opportunities for Iowa high school students;
- Holding events with statewide outreach for Iowa communities;
- Celebrating our state and preserving Iowa's heritage; and
- Hosting regional, national and international conferences and gatherings at the Hall of Laureates to promote tourism in Iowa.

# THE WORLD FOOD PRIZE

## PROMOTING ECONOMIC DEVELOPMENT IN IOWA

### **Annual World Food Prize Events: The Laureate Announcement Ceremony, The Borlaug Dialogue International Symposium, The Iowa Hunger Summit The Laureate Award Ceremony and Related Side Events**

**The World Food Prize convenes many of the most innovative and influential people in the food and agriculture worlds. The remarkable array of guests our conference gathers, including people from inside Iowa and around the globe, attend the Borlaug Dialogue conference; discuss critical issues during side events, meetings and meals; and connect around real-world issues and challenges. Iowa business leaders, innovators, youth and the public have front-row seats and enjoy tremendous opportunities to interact with these most accomplished experts and guests.**

**This year, our theme was “Let Food Be Thy Medicine”, which tied in fittingly with the achievements in crop science and nutrition of the 2016 Laureates. The 2016 World Food Prize was awarded to four individuals: Dr. Maria Andrade, Dr. Robert Mwangi, Dr. Jan Low, and Dr. Howarth Bouis. “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 were 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 Laureate Announcement Ceremony: An event in Washington, D.C., attracting global attention**

For the past 13 years, the World Food Prize has had the privilege of holding its Laureate Announcement Ceremony at the U.S. State Department in Washington D.C., bringing national attention to the event and to Iowa. This year, we announced the 2016 World Food Prize Laureate on June 28 at a ceremony featuring the Administrator of USAID Gayle Smith as the keynote speaker. Over 300 diplomats and international and national business leaders gathered at the ornate Benjamin Franklin Room of the State Department for this special event.

#### **Borlaug Dialogue**

The 2016 Borlaug Dialogue international symposium was held October 12-14 in Des Moines. To celebrate the 30<sup>th</sup> Anniversary of the World Food Prize, and in view of the unprecedented challenge our world faces to sustainably and nutritiously feed the 9 billion people who will inhabit our planet by the year 2050, we celebrated the 30<sup>th</sup> Anniversary of the founding of the World Food Prize with the Borlaug Dialogue which culminated in discussions and speakers reflective of the legacy of Dr. Borlaug’s life and work with leading international leaders, experts, farmers, and scientists. This year’s conference proved to be a powerful gathering of the foremost thinkers in global food security, coming together in the legacy of Dr. Borlaug, to discuss the key challenges and opportunities we face in ending hunger and malnutrition.

# THE WORLD FOOD PRIZE

Key topics discussed at this year's symposium included:

- The important role that food security plays in ensuring national and international security;
- Encouraging investment in agriculture, agricultural research, and in building educational capacity for research;
- Inspiring young women and girls to pursue education and careers in STEM (science, technology, engineering and mathematics);
- The role of precision agriculture, data, and informational technologies in production, conservation and resilience;
- Confronting malnutrition through biofortified, nutritious crops such as Orange Fleshed Sweet Potato;
- Leveraging open data for agriculture and nutrition to confront hunger and malnutrition;
- The impact of aquaculture and marine fisheries on nutrition, the environment and food security; and
- Scientific assessments of current trendlines for global food production, nutrition and sustainability and discussion on developing metrics to more accurately track and assess progress in achieving global food and nutrition security.

This year we were honored to welcome over 1,400 people from almost 60 countries who attended our Borlaug Dialogue and Global Youth Institute, including: high level dignitaries and officials from global organizations, renowned scientists and journalists; international farmers; CEOs and senior executives of major international food and agribusiness companies; and over 400 high school students and teachers. Our guests and speakers included:

- Her Excellency Ameenah Gurib-Fakim, President of the Republic of Mauritius
- Her Excellency Joyce Banda, former president, the Republic of Malawi
- President Dr. Jim Yong Kim, President of the World Bank Group
- His Excellency Akinwumi Adesina, President of the African Development Bank Group
- The Honorable Thomas J. Vilsack, Secretary of Agriculture, United States
- Dr. Greg Treverton, Chair, the U.S. National Intelligence Council
- The Honorable Patricia Haslach, Principal Deputy Assistant Secretary, United States Bureau of Economic and Business Affairs
- Dr. Judith Rodin, President of The Rockefeller Foundation
- Paul Schickler, President of DuPont Pioneer
- Amb. Ryan C. Crocker, U.S. Ambassador to Afghanistan (2011-2012), Iraq (2007-2009), Pakistan (2004-2007), Syria (1998-2001), Kuwait (1994-1997), and Lebanon (1990-1993)
- Ambassador William J. Burns, former U.S. Ambassador, current president for the Carnegie Endowment for International Peace
- Ambassador Wendy J. Chamberlin, former U.S. Ambassador, current president of the Middle East Institute
- Top executives of leading food and agribusiness companies including **Kellogg Company, Hormel Foods, HyVee, DuPont, Intrexon, Syngenta Seeds, Bayer AG, Dow AgroSciences, Elanco, Mosaic, John Deere, Jain Irrigation, Nestlé**
- Smallholder farmers, students and world-renowned scientists
- International governmental, non-governmental, academic and research leaders from around the globe such as: the UN Food and Agriculture Organization, Oxfam America, Asia Society, The Huffington Post, Consultative Group for International Agriculture Research Centers (WorldFish, International Food Policy Research Institute, International Potato Center, International Center for Tropical Agriculture, International Livestock Institute), African Women in Agricultural Research and Development, Wageningen University – The Netherlands, The World Food Center at the University of California Davis, University of Bergen – Norway, Cornell University,

# THE WORLD FOOD PRIZE

Open Data Institute, One Acre Fund, Adecoagro – Argentina

- Smallholder farmers from around the globe
- Scientists and students from land-grant institutions
- Major U.S. and international agribusinesses, such as ADM, Bayer CropScience, Cargill, DuPont/Pioneer, Elanco, General Mills, Hormel, John Deere, Land O'Lakes, Monsanto, Novus, Nestlé, PepsiCo, Syngenta, and Wal-Mart have sent significant delegations of officials from their global facilities to attend the Borlaug Dialogue and the Laureate Award Ceremony

In this regard, it is important to note that Iowa business leaders have expressed their strong support for the World Food Prize Foundation and noted that they place very high value in our efforts to promote business opportunities for their companies.

## **Borlaug Dialogue: Cutting Edge Topics in Global Food Security**

Over the past years, the World Food Prize has consistently focused its annual Borlaug Dialogue international conference on cutting-edge topics (biotechnology, innovations in crop production, agriculture's role in national security, biofuels, and enhanced nutrition) which has enabled us to draw the leading government officials, business leaders, research scientists, educators, hunger advocates, non-governmental organization representatives and journalists to Iowa. Along the way, many milestones have been recognized nationally and internationally.

Most significantly, the Borlaug Dialogue was:

- **The first conference anywhere on the threat of “agrorterrorism,”** held in October 2001, one month after the tragedies of 9/11, but planned four months earlier. Dr. Bernard A. Schwetz, Acting Commissioner of the U.S. Food and Drug Administration who delivered a keynote address at the symposium entitled “Food Terrorism”, said that **“the ideas that were discussed at the World Food Prize International Symposium helped keep the U.S. safe in the immediate aftermath of the tragic events of 9/11”**;
- One of the first venues anywhere for global leaders and experts to focus on **the safety of genetically modified crops and the role of biotechnology in feeding the poorest countries** (held in 2000);
- The first conference ever to simultaneously consider **“The Dual Global Challenges of Obesity and Malnutrition,”** according to international nutrition experts (held in 2005);
- Praised by attendees for unique and informative presentations on such topics as **the role of water security in the search for peace in the Middle East** (the 2002 symposium, with participants from Israel, Egypt, the West Bank, Syria and the U.A.E); and the global potential of both **“biofuels and biofoods”** (the 2007 symposium, with bioenergy experts representing African countries, Brazil, China, India, the EU and the United Nations);
- The venue in 2009 where **Bill Gates** gave his first-ever address on uplifting global agriculture and launched his multi-million dollar program to reduce poverty in Africa;
- The forum in 2010 for the **U.S. Secretary of Agriculture** to bring together the **Ministers of Agriculture from Afghanistan and Pakistan** to discuss how the agriculture could help build peace;
- The place in 2011, as we celebrated the **25th Anniversary** of the World Food Prize, where we **honored two former presidents of countries as our laureates** - Luiz Inacio Lula da Silva of Brazil and John Agyekum Kufuor of Ghana - and also featured a **special panel of four former African presidents**, hailing from Mozambique, The Gambia, Nigeria and Tanzania; and
- The site in 2012, where the **United Nations Secretary General Ban Ki-moon** spoke at the World Food

# THE WORLD FOOD PRIZE

Prize Laureate Ceremony and paid tribute to Iowa, as we also honored an **Israeli water scientist nominated by three individuals from Arab Muslim countries**, with **U.N. Messenger of Peace Princess Haya Bint Al Hussein** from Jordan in attendance.

A leading Iowa agricultural journalist has said that **“the World Food Prize brings more acclaimed international speakers to Iowa than any other organization.”** The Borlaug Dialogue is also earning other impressive plaudits for its focus and content:

- The former head of USAID confirmed that **“the idea for the \$100 million U.S.-India Agricultural Knowledge Initiative, announced by Prime Minister Singh and President George W. Bush in 2006, first sprang from a discussion at a World Food Prize luncheon.”**
- The Chairman of the Israeli Water Engineers said: **“During the past 45 years, I have never participated in a symposium, conference or seminar that could match your organization and the quality of the presentations.”**
- A senior official of the Gates Foundation said he **“met a more diverse array of people at the World Food Prize in Des Moines than at any other conference [Gates leadership has] attended anywhere around the globe.”**
- A leading research scientist from Europe said: **“It is the most important conference on food and agriculture in the world.”**
- Gates Foundation President Jeff Raikes remarked that **“I was amazed that I could have dinner in Des Moines with a dozen African smallholder farmers.”**

## Symposium Side Events

In addition to the annual World Food Prize formal symposium program, at the invitation of the World Food Prize, 30 businesses, organizations, government and non-governmental organizations from around the world hold meetings in Iowa during World Food Prize week, allowing their international members to participate in the Borlaug Dialogue and our other activities and bringing a series of mini business meetings and conferences to Iowa. Included in 2016 were:

- USDA-USAID 2016 International Food Assistance and Security Conference, Hosted by U.S. Department of Agriculture and U.S. Agency for International Development
- Seed Security for Food Security, Hosted by DuPont Pioneer
- 11<sup>th</sup> Annual Global Farmer Roundtable, Hosted by Global Farmer Network
- Agricultural Developments in the Philippines, Hosted by the Millennium Challenge Corporation and the Embassy of the Philippines
- DuPont Reception, Hosted by DuPont Pioneer
- 2016 Borlaug CAST Communication Award Breakfast and Panel Discussion on the Need for Agricultural Innovation to Sustainably Feed the World by 2050, Hosted by the Council for Agricultural Science and Technology (CAST) and DuPont
- Advancing Africa’s Food Nutrition and Security through Public-Private Partnerships (PPP) in Agricultural Science, Technology and Infrastructure Development; Hosted The Association of African Agricultural Professionals in the Diaspora (AAPD), New Partnership for Africa's Development (NEPAD, The Technical Body of the African Union), The Partnership to Cut Hunger and Poverty in Africa, International Potato Center (CIP), Iowa State University, Michigan State University, Swedish University of Agricultural Sciences, Simplot
- Reducing Postharvest Losses in the Developing World: Opportunities and Challenges, Hosted by The ADM Institute for the Prevention of Postharvest Loss
- 172nd Board for International Food and Agricultural Development Public Meeting and Session on Metrics for

# THE WORLD FOOD PRIZE

Accountability: Tracking Progress and Identifying Data Gaps in Development Investments, Hosted Board for International Food and Agricultural Development (BIFAD)

- Food Systems and Diets: Facing the Challenges of the 21st Century, Hosted The Global Panel on Agriculture and Food Systems for Nutrition
- Training for the Future: The Importance of Continuing Dr. Borlaug's Legacy through Education, Training and Enhancing the Global Community, Hosted by The Borlaug Training Foundation
- Celebrate the New Prize in Food and Agriculture Sciences at the National Academy of Sciences, Hosted by The Foundation for Food and Agriculture Research
- 2016 Global Agricultural Productivity Report® (GAP Report®) Release Event, Hosted by Global Harvest Initiative
- Oxfam America Well-Fed World Luncheon - Corn Flakes, Climate and Resilience: Engaging Food Companies to Help Build a Well-Fed World, Hosted by Oxfam America
- Climate Proofing One Third of the World: Tools for Resilient Drylands, Hosted by The International Livestock Research Institute
- CropLife International Panel Side Event: Celebrating 30 Years of Impact: Farmers and the WFP Laureates Who Changed their Lives, Hosted by CropLife International
- Iowa Food Leadership Reception, Hosted by Iowa's Cultivation Corridor, Ames Chamber of Commerce, Greater Des Moines Partnership, Iowa Economic Development Authority and Iowa State University
- 30 Years of Sasakawa in Africa: Working with Smallholder Farmers to Improve Food Security, Hosted by Sasakawa Africa Association
- Mizzou Reception for Alumni and Friends, Hosted by University of Missouri
- Achieving the SDGs: Common Challenges of U.S. and International Farmers, Hosted by Alliance to End Hunger
- Farmers and a Warming Planet: Positive Impacts of Conservation Agriculture Practices on Sustainability, Profitability, and Resilience; Hosted by DuPont, One Acre Fund, Farm Journal Foundation
- The Soil Fertility Imperative: Feeding a Growing World While Protecting the Environment, Hosted by Mosaic
- Crop Intensification in the Tropics, Hosted by Feed the Future Innovation Lab for Soybean Value Chain Research (Soybean Innovation Lab, SIL)

In addition to these “side events” the World Food Prize weeklong series of events also includes the following events and participants:

- The Global Health & Global Food Conference of the Heartland Global Health Consortium (a partnership among Central College, Des Moines University, Drake University, Iowa State University, Simpson College, the University of Iowa and the University of Northern Iowa) is organized each year in conjunction with the World Food Prize events.
- The Monsanto Borlaug-Beachell International Scholars (young Ph.D. candidates from around the globe) were formally introduced at and participated in World Food Prize events for the past four years.
- The USDA Foreign Agricultural Service has organized side events at the World Food Prize over the past nine years, featuring presentations on issues of interest to the agricultural community and attendance by several hundred participants. In 2016, the USDA Foreign Agricultural Service brought together experts from government, academia, and the private sector to discuss the role of market information and technology in strengthening global food security. The gathering, analysis, and dissemination of data are critical to ensuring that farmers and policymakers have the most accurate information upon which to make key decisions. This continued their tradition of bringing in a group of young researchers and scholars from around the world, known as the Borlaug Fellows, to participate.



# THE WORLD FOOD PRIZE

- The FAS Borlaug Fellowship Program provides collaborative research and training opportunities at U.S. universities for scientists, researchers, and policymakers from developing and middle-income countries. The program was founded in honor of Dr. Norman E. Borlaug in 2004.
- The CropLife Foundation and the Council for Agricultural Science & Technology have hosted, over the past few years, their annual Borlaug CAST Award and presented the official award at the World Food Prize. Key executive leadership from both organizations also attended the symposium. In 2016, CAST honored Dr. Channapatna Prakash of Tuskegee University.
- The Iowa Soybean Association, United Soybean Board, the World Soy Foundation and World Initiative for Soy in Human Health (WISHH) have brought an array of farmers and officials from national and international soy-promoting organizations to the World Food Prize on several occasions. In 2016, the Iowa Soybean Association organized an afternoon of farm tours across Iowa for World Food Prize symposium attendees.
- The World Food Prize Youth Institute Innovation Summit brought together 40 thought leaders in education – including university officials, master educators, and youth development specialists from across the country – to share best practices in creating immersive educational experiences to develop young leaders in agriculture and STEM fields.

Other notable side events in past years have included:

- In 2014, DuPont/Pioneer held an all-day forum to discuss the role of seed security and crop diversity in global food security and agricultural sustainability, bringing together a diverse group of influential contributors and stakeholders for high-level presentations, expert panel discussion and informative displays. An evening reception followed at the Science Center of Iowa hosted by DuPont and Deere & Company to highlight the crucial role smallholder farmers play in advancing food security around the world. The highlight of the evening were remarks by a smallholder farmer sharing an experience with locally-run agronomic programs that helped increase productivity on the farm and the family's livelihood, while the farmer was also helping neighbors enhance farming practices and livelihoods at the community level.
- Truth about Trade and Technology over the past ten years has welcomed over 150 biotech farmers from around the globe to take part in a two-day roundtable on international issues related to agricultural technology, production and commerce, as well as to attend World Food Prize events.
- In 2014, Empower Tanzania hosted the 5<sup>th</sup> annual Iowa-Tanzania Summit, bringing together organizations across Iowa with networks and rural development projects in Tanzania. In 2011, the Prime Minister of Tanzania took part and the Ambassador of Tanzania was here in 2012. This event has a special connection for Iowa religious and non-profit organizations which operate programs in Tanzania.
- The Global Harvest Initiative, a partnership of John Deere, DuPont, Elanco, IBM and Monsanto, coordinated four company CEOs to participate as symposium speakers in a "CEO Roundtable" in 2011, as well as organized another Global Harvest panel in 2014. They also hosted their 4<sup>th</sup> annual GAP Report luncheon for the press this year. The GAP report serves as a benchmark to analyze agricultural productivity growth. Each year, the GAP Report is updated to mark progress made toward sustainably doubling agricultural output over the next 40 years.
- The Bill & Melinda Gates Foundation used the appearance by co-founder Bill Gates at the World Food Prize in 2009 to hold a series of meetings in Des Moines with many of its partner organizations, and held several meetings here in 2010, as well. In 2011 and in 2014, The Gates Foundation participated in the symposium sessions and brought high level leadership and this year brought another contingency of staff and executives.
- The International Food Policy Research Institute has, between 2009 and 2013, used the World Food Prize events as the venue for its international launch of the annual Global Hunger Index, a joint effort with research institutes in Ireland and Germany.

# THE WORLD FOOD PRIZE

- In 2012, the Economist Intelligence Unit held a press conference at the symposium to promote their newly launched and much touted Economist Global Food Security Index, sponsored by DuPont. Using an innovative, comprehensive approach in tracking the availability, affordability and quality and safety of food around the world, the Economist Global Food Security Index was developed with the guidance and involvement of World Food Prize laureates, including 2002 Laureate Pedro Sanchez, Director of the Tropical Agriculture and the Rural Environment Program at Columbia University and 2010 Laureate Jo Luck, former president of Heifer International.
- For several years, the World Economic Forum has brought a delegation of member companies and executive staff to attend and host their annual board meetings related to their New Vision for Agriculture Project. In 2012, the World Economic Forum produced a new project video that was first shown at the symposium. In 2013, the World Economic Forum helped organize a symposium session with member companies of their New Vision for Agriculture program, including key leadership of Syngenta, Rabobank, Oxfam America and the Ethiopian Agricultural Transformation Agency.
- In 2014, CropLife International also brought a group of nearly 35 international journalists to Iowa during World Food Prize week, who participated in our events and also visited Iowa farms, companies and universities.
- Farm Journal Foundation brought several members of their national executive leadership team to the symposium.
- In 2014, The Pulitzer Center on Crisis Reporting hosted an evening film screening and public event featuring Lynn Hicks and Rodney White of The Des Moines Register and documentary filmmaker Karim Chrobog for a conversation on food waste in America and the role of Iowa and U.S. businesses in transforming global agriculture. They also held an event for Iowa and other journalists to learn about the Pulitzer journalism grant program, which was utilized this year by the Des Moines Register to send Hicks and White to China.
- In 2013, Oxfam America continued their tradition of organizing a public luncheon during World Food Prize week, which brought together over 200 people to learn about the importance of a well-fed planet with a meal focused on nutrition and sustainable practices.
- Members of The International Food and Agricultural Trade Policy Council (IPC) traveled to Des Moines from across the globe in 2008 for their annual meeting and to attend the Borlaug Dialogue, which featured a session jointly sponsored with IPC on agricultural trade and economic growth.
- The U.S. Grains Council, working in partnership with the Iowa Corn Promotion Board has, over several different years, brought delegations totaling several hundred foreign-government trade officials who regulate biotechnology. These visitors spend a week in Iowa, observing American agricultural practices and participating in a seminar on biotechnology, in conjunction with attending the World Food Prize.
- The World Food Prize has invited the Iowa Department of Economic Development, the Greater Des Moines Partnership, the Iowa International Center and the Center for Global Citizen Diplomacy to time the visit of its foreign delegations and business representatives to coincide with the World Food Prize events in past years.
- The State Department, in 2011, sent a group of over 30 foreign journalists to cover the World Food Prize events, as well as tour key sites around the state, including research facilities at Iowa State, local food banks and corporate research facilities.
- The Iowa Department of Agriculture has invited several state commissioners of agriculture from around the United States to Iowa to take part in the World Food Prize.
- The UN Standing Committee on Nutrition, with representatives from around the world, held an international meeting in Des Moines in 2005 in conjunction with the World Food Prize symposium on malnutrition and obesity.
- The International Traders of Iowa has in the past sponsored a breakfast as part of World Food Prize events, with special emphasis on the work of Iowa students who participate in the World Food Prize Global Youth Institute.
- The DuPont Biotechnology Advisory Panel of experts from around the world has convened at the Pioneer

# THE WORLD FOOD PRIZE

campus in Johnston on several different occasions in conjunction with World Food Prize, to allow panel members to attend and participate in the Borlaug Dialogue.

- USDA-Agricultural Research Service senior officials and leading scientists have met in Ames and Des Moines as part of World Food Prize events over the past several years.
- The North American Agricultural Journalists' organization has held one of its annual meetings in conjunction with the World Food Prize events in several recent years.

As a result of all of the above, Iowa business representatives and government officials have had many opportunities to interact with all of these individuals and organizations, providing the opportunity for future arrangements that could promote continued economic development for our state.

## Promoting Iowa Around the Globe

Outside the United States, the World Food Prize has organized or participated in the following events in the past year, which help to put the focus of international leaders and global media on Iowa.

- **Lingshui, China:** December 13, 2016, World Food Prize president, Ambassador Kenneth Quinn, delivered a keynote address at the GLAST-2016 Conference on Science and Technology Innovation in Agriculture sponsored by the UN-Food and Agriculture Organization and the China Academy of Agricultural Sciences (which funded his travel).
- **Niger, Africa:** November 2016, World Food Prize Director of Planning Catherine Swoboda participated in a field visit to observe village development projects organized and funded by CARE.
- **Cambridge, Massachusetts:** November 20-21, 2016, Ambassador Quinn participated in the annual Harvard Business School Select Roundtable known as PAPSAC. (lodging funded by Harvard)
- **Lamoni, Iowa:** November 17, 2016, Ambassador Quinn addressed a special convocation of high school students on the campus of Graceland University and signed a memorandum of understanding between Graceland and the World Food Prize to create the Heartland Youth Institute.
- **Logan, Utah:** October 27, 2016, Ambassador Quinn gave a TEDX address "Norman Borlaug, Roads and Rice" at the Utah State University (funded by Utah State University).
- **International Livestock Research Institute, Kenya:** September 2, 2016, Ambassador Quinn introduced the recipient of the 2016 Dr. Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation, before an audience of over 300 persons (funded by Sasakawa Africa Association).
- **Nairobi, Kenya:** August 30-31, 2016, Ambassador Quinn spoke on a panel that also featured Japanese Prime Minister Abe, at the TICAD-6 Conference, that celebrated the 30<sup>th</sup> Anniversary of Dr. Norman Borlaug's first trip to Africa. Organized and funded by Sasakawa Africa Association.
- **Rome, Italy:** Summer 2016, Director of Planning Catherine Swoboda represented the World Food Prize at the UN-FAO Conference on Biotechnology, and spoke on a panel at the CropLife International Side Event.
- **Antigua, Guatemala:** May 18-20, 2016, World Food Prize Director of Global Education Programs, Lisa Fleming, completed a Borlaug-Ruan internship risk management site visit in Antigua and Guatemala City. She met with officials from Hormel Foods' Project Spammy and The Center for Studies of Sensory Impairment, Aging and Metabolism (CeSSIAM) who partner with our Foundation to host one Borlaug-Ruan International Internship each summer.
- **Guacimo, Costa Rica:** March 2-4, 2016, World Food Prize Director of Global Education Programs, Lisa Fleming, represented the World Food Prize at EARTH University's Conference on Sustainability and International Education. During this trip, she presented at the conference, met with officials from EARTH

# THE WORLD FOOD PRIZE

University who host one Borlaug-Ruan international intern each summer, and completed an internship risk management site visit on the University campus.

- **Missouri, New Jersey:** Ambassador Quinn spoke at World Food Prize State Youth Institute at the University of Missouri and Rutgers University.
- **White House, Washington, D.C.:** December 2015, Ambassador Quinn participated in Conference on Raising the Profile of Agriculture in the U.S.
- **Minneapolis, Minnesota:** On November 16, 2015, Ambassador Quinn delivered the E.T. and Vam York Lecture at the Agronomy Society of America and Crop Science Society of America convention.
- **Lusaka, Zambia:** On October 1, 2015, the announcement of the fourth World Food Prize Dr. Norman E. Borlaug Award for Field Research and Application was made during the Africa Green Revolution Forum. The recipient was Mr. Eric Pohlman, a U.S. citizen working in Rwanda and other African countries.
- **Milan, Italy:** Ambassador Quinn spoke on June 5, 2015, at the International Symposium organized at EXPO Milano by the Italian government and the UN Food and Agricultural Organization.
- **Rome, Italy:** On May 20, 2015, Ambassador Quinn delivered the keynote address at biotechnology workshops organized at the U.S. Embassy in Rome by the International Food and Information Council.
- **Vatican City:** On May 19, 2015, Ambassador Quinn met with Pope Francis during which an invitation was extended to His Holiness to come to Iowa and attend the World Food Prize.
- **Turin, Italy:** Participation on a panel at the International Chamber of Commerce convention in May 2015.
- **Jerusalem, Israel:** Attending the Wolf Prize Ceremony hosted by the president of Israel at the Knesset in May 2015.
- **Washington, D.C.:** On March 2, 2015, Ambassador Quinn delivered the keynote address at the Croplife America Board meeting.
- **Sanya, China:** On December 15, 2014, Ambassador Quinn addressed the “Sanya Forum,” an event that gathered influential political, business and academic leaders from China, the United States, Europe, the Americas and Asia with the purpose of unleashing political and economic energies from think tanks, and to guide the direction of reform through exchange of ideas among the great minds. The forum was organized by “Caijing Magazine,” which is known as the Wall Street Journal of China. The forum plays an active and practical role in driving international economic and technological exchanges and cooperation by focusing its deliberation on finding solutions to major issues and promoting positive development of the world economy.

Previous significant international events and participation:

- **Jinja, Uganda:** In July 2014, Amb. Quinn spoke to the *Take It To The Farmer* symposium. The event was organized by the Uganda Ministry of Agriculture, Animal Industry and Fisheries (MAAIF); Makerere University; the Uganda National Farmers’ Federation (UNFFE); and Sasakawa Africa Association to commemorate the 100th anniversary of the birth of Dr. Norman Borlaug. Borlaug was President of the Sasakawa Africa Association (SAA) until his death in 2009 (funded by Sasakawa).
- **Buenos Aires, Argentina:** In March 2014, Amb. Quinn addressed the Fourth General Assembly of the World Farmers’ Organization to highlight Norman Borlaug among the thematic discussions on food security, innovation, trade, youth, women and climate change.
- **Obregon, Mexico:** A member of the World Food Prize staff, Lisa Fleming, represented the World Food Prize during CIMMYT’s celebration of Norman Borlaug in Mexico. During this trip, she presented the Borlaug Medallion to CIMMYT, and also met with officials from the World Food Prize’s partner organizations and visited World Food Prize international internship sites.
- **Washington, D.C.:** In 2014, the announcement of the third World Food Prize Dr. Norman E. Borlaug

# THE WORLD FOOD PRIZE

Award for Field Research and Application was made by Ambassador Quinn during the USAID Frontiers in Development Forum. The recipient was Dr. Bram Govaerts, a native of Belgium working in Mexico.

- **New York, New York:** In 2013, Amb. Quinn was invited to give the keynote address at the United Nations Headquarters in New York at their World Food Day Observance, putting him in front of an array of UN leaders from around the globe.
- **Maputo, Mozambique:** In 2013, the announcement of the second World Food Prize Dr. Norman E. Borlaug Award for Field Research and Application was made by a Rockefeller Foundation representative during the Alliance for a Green Revolution Forum. The recipient was Dr. Charity Mutegi of Kenya.
- **Stockholm, Sweden:** In 2012, the announcement of the first World Food Prize Dr. Norman E. Borlaug Award for Field Research and Application to a young scientist under the age of 40 was made during the International World Water Week conference held in Stockholm. The recipient was Dr. Aditi Mukherji of India.
- **New Delhi, India:** In 2011, the World Food Prize was represented by Director of Planning Bian Li as a member of the Advisory Committee for the **2020 Vision Initiative Global Conference** in New Delhi, India. Organized by the International Food Policy Research Institute (IFPRI), this initiative works to develop and promote a shared vision and consensus for action for meeting food needs while reducing poverty and protecting the environment.
- **St. Petersburg, Russia:** In 2010, Amb. Quinn was a featured speaker, on the life and legacy of Norman Borlaug and also on the special Iowa-Russia connection through agricultural scientist N. I. Vavilov, at the **Eighth International Wheat Congress**, the largest-ever gathering of global wheat scientists.
- **Tokyo, Japan:** In 2010, the World Food Prize participated with USDA and State of Iowa leaders to commemorate the **50<sup>th</sup> anniversary of the “Yamanashi Hog Lift,”** to champion U.S.-Japan ties through a conference sponsored by the U.S. Grains Council (at which Amb. Quinn was a featured speaker), and to highlight both countries’ roles in global agricultural development. At this time, the Norman Borlaug Medallion was presented to **Yohei Sasakawa**, chairman of the Nippon Foundation.
- **Accra, Ghana:** In September 2010, Amb. Quinn led a featured plenary session on Dr. Borlaug’s legacy at the **African Green Revolution Forum**, which brought together African and international leaders and experts. At that conference, he also presented the Norman Borlaug Medallion to **Kofi Annan** for his leadership of efforts to spur a Green Revolution in Africa.
- **Chennai, India:** In February, 2010, The World Food Prize was included among the convening institutions of a global conference on biodiversity and its role in supporting agricultural development worldwide, in honor of Norman Borlaug. World Food Prize President Amb. Kenneth Quinn delivered the keynote address.
- **Bangkok, Thailand:** Former Iowa Governor **Robert Ray** traveled to Thailand in 2005 to present the World Food Prize Norman Borlaug Medallion to the **King of Thailand** in recognition of his efforts over the past 60 years to ensure adequate food and nutrition for his subjects.
- **Beijing, China:** In 2004, the World Food Prize co-hosted an International Symposium on Science and Technology in Agriculture, in conjunction with the **Chinese Academy of Agricultural Sciences**. Dr. Norman Borlaug, Ambassador Quinn and the President of **Pioneer Hi-Bred International** were featured speakers at the event.
- **Toronto, Canada:** The 2002 World Food Prize Laureate was announced to an audience of more than 3,000 persons attending the International Horticultural Congress.
- **Barcelona, Spain:** In June, 2002, Dr. Borlaug was presented the **Rotary International Award for World Understanding and Peace** based on a nomination made by the Rotary Clubs of Des Moines in conjunction with the World Food Prize Foundation.
- **Rome, Italy:** In 2002, the assembled World Food Prize Laureates presented a Declaration on World Hunger

# THE WORLD FOOD PRIZE

at the **UN World Food Summit**. The Declaration had been written and approved in Des Moines as part of the World Food Prize symposium.

- **Bonn, Germany:** In 2001, the announcement of the World Food Prize Laureate was made at an international conference at which the **President of Germany** referred to the World Food Prize as the “Nobel Prize for Food and Agriculture.”
- **Mexico City, Mexico:** In 2000, the **President of Mexico** conferred the Mexican Woman of the Year Award to **Dr. Evangelina Villegas**, on the basis of her being named that year the first ever female World Food Prize Laureate.
- **New York/United Nations:** In 2000, the World Food Prize John Ruan, Sr. and Ambassador Quinn co-hosted a luncheon to honor the Millennium World Food Prize Laureates as part of the **UN Millennium Celebration** in New York City. The President of the UN General Assembly was the honored guest, with over 300 diplomats, officials and distinguished guests present, including Caroline Kennedy. U.S. Ambassador to the U.N. Richard Holbrooke and U.S. Secretary of Agriculture Dan Glickman spoke during the luncheon.

## **Borlaug Dialogue Update in 2016: 40 Chances Fellows Program**

At the 2014 Borlaug Dialogue, the Ministers of Agriculture of Liberia, Sierra Leone, and Rwanda joined Howard W. Buffett and Ambassador Quinn in recognizing four outstanding young social entrepreneurs from Africa as 40 Chances Fellows. Each recipient was presented \$150,000 to implement a program in his or her country. They had been chosen from more than 270 nominees, by selection panels organized by the World Food Prize.

The 40 Chances Fellows program had been launched at the Borlaug Dialogue symposium in 2013 by former Prime Minister Tony Blair, Howard G. Buffett and Ambassador Kenneth Quinn as a collaboration of Blair’s African Governance Initiative, the Howard G. Buffett Foundation and the World Food Prize.

Two of these extraordinary young leaders returned to Des Moines in 2016 to speak to students and the broader community about their groundbreaking work in Liberia and Sierra Leone. Together, the 40 Chances Fellows have improved the lives of over 2,000 smallholder farmers in some of the world’s poorest countries.

By empowering young social entrepreneurs to overcome hunger and poverty in four African nations, the 40 Chances Fellows program fulfills World Food Prize founder Dr. Norman Borlaug’s two most ardent wishes: to promote development in Africa and inspire the next generation.

## **Laureate Award Ceremony**

The World Food Prize is extraordinarily grateful for the privilege of holding this ceremony and dinner in the Iowa State Capitol building. This magnificent edifice adds an incomparable element of prestige to the event and conveys an impressive image of Iowa in the press coverage, which spans the globe. In 2000, Dr. Borlaug said that this World Food Prize ceremony at the State Capitol designed and implemented by Ambassador Quinn, “surpassed the ceremony” at which he received the Nobel Peace Prize.

Today, the Laureate Award Ceremony has become known as gathering “more life-saving achievements than at any other World Food Day event anywhere around the globe.” Following the Laureate Award Ceremony each year, a dinner in the Rotunda exposes the international guests to Iowa food of the highest international standard. No state funds are used for the food and beverages at this dinner.

# THE WORLD FOOD PRIZE

At the 2016 Laureate Award Ceremony, the \$250,000 World Food Prize was presented to four distinguished men and women; Maria Andrade, Robert Mwangi, and Jan Low, and the fourth who is the founder and director of HarvestPlus, Howarth Bouis. The 2016 Laureates developed biofortification, a plant breeding approach to increasing vitamins and minerals in staple crops, especially the orange-fleshed sweet potato. Their integrated approach including extension training, nutrition education and marketing has reduced malnutrition and improved the health of 10 million rural poor in Africa, Asia, and Latin America. Over 800 people filled the House Chamber of the Iowa State Capitol for the ceremony on the evening of October 13th, which was presided over by Governor Terry Branstad and broadcasted live across the state on IPTV and around the world via webcast.

Reflecting the broad political support that exists for the World Food Prize, the Governor Branstad, Lt. Governor Reynolds, U.S. Secretary of Agriculture Vilsack, members of the Iowa Congressional delegation and a bipartisan group of state legislators attended the event. In addition, over 450 teachers and students participated in a ceremony viewing party at the Hall of Laureates.

## **Borlaug/Rockefeller Award**

In addition to awarding the World Food Prize this year, on October 14 Ambassador Kenneth Quinn and Council of Advisors member Dr. Ronnie Coffman presented the fifth annual Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation, to Dr. Andrew Mude, a senior economist at the International Livestock Research Institute (ILRI) in Nairobi, Kenya, in the magnificent Hall of Laureates. Dr. Mude was recognized for developing and leading a program in Kenya and Ethiopia that provides insurance for never-before-insured communities that depend upon herding cattle, goats, sheep, and camels in the remote, arid and drought-prone lowlands of the Horn of Africa. More than 500 people attended that award ceremony and the reception that followed. This award received media attention worldwide when it was first announced by Ambassador Quinn at a special ceremony at ILRI in August, and during the award ceremony in Des Moines on October 12.

## **Enhancing the Presence of the World Food Prize on Social Media**

As awareness of annual programs and events continues to grow, the World Food Prize reached new heights in its presence on social media. The Facebook page has now garnered over 7,000 followers, allowing its top post to reach over 24,500 people. Even more impressive, the main Twitter account has surpassed 37,300 followers and achieved over 1,260,000 Tweet impressions in 2016. During the week of the Borlaug Dialogue alone, over 2.7 million individual Twitter accounts were reached through the event's very own hashtag.

Summary of accounts, followers and social media outreach during 2016 World Food Prize events:

### **Facebook**

World Food Prize Account - Followers: 7,278

### **Twitter**

World Food Prize Account (@WorldFoodPrize) - 37,274 Followers

Iowa Youth Programs (@thenextnormIA) - 1,040 Followers

Iowa Hunger Summit (@IAHungerSummit) - 539 Followers

# THE WORLD FOOD PRIZE

## Twitter - Hashtags

Hashtag to track the Borlaug Dialogue (#foodprize16)

Individual accounts reached during Borlaug Dialogue - 2,732,840 Individual Twitter Accounts

In addition to the main World Food Prize profiles, separate accounts exist specifically for the Iowa Hunger Summit, Youth Programs, and the Hall of Laureates in order to more directly engage their target audiences. The World Food Prize also maintains active social media accounts on the follow sites:

- YouTube
- Yelp!
- LinkedIn
- Instagram
- Pinterest
- Flickr
- FourSquare



# THE WORLD FOOD PRIZE

## PROVIDING EXTRAORDINARY EDUCATIONAL OPPORTUNITIES FOR IOWA HIGH SCHOOL STUDENTS

At the heart of Dr. Borlaug's mission and work was a dedication to inspiring the next generation of youth to tackle world hunger and related scientific, agricultural and policy challenges. The World Food Prize continues that endeavor through several educational programs for our youth, and Iowa students are offered tremendous opportunities through these unique experiences. The World Food Prize programs are at the forefront of STEM education, and the staff collaborates with other educational organizations in Iowa to ensure we all work together to support students in their academic endeavors.

### **The World Food Prize Global Youth Institute**

In October 2016, our Foundation marked the 22<sup>nd</sup> anniversary year of our three-day **Global Youth Institute** that brought around 200 high school students and an equal number of teachers to participate in the Borlaug Dialogue, as well as to attend separate events designed specifically for these students.

Since its inception in 1994, **about 2,000 students and 900 teachers from 44 U.S. states and territories and 30 foreign countries** have participated in the World Food Prize Global Youth Institute. **The overwhelming majority of these student-teacher teams have been from Iowa.**

In addition to hearing speakers address the issues associated with the future role of agriculture in global development, the Global Youth Institute participants also tour Iowa's cutting-edge industrial and research facilities; take part in a Hunger Banquet designed to highlight the disparities around the globe in access to food; and participate in a day-long program held at **Dupont Pioneer's Carver Center in Johnston**, during which they present their own research papers and recommendations to a faculty made up of World Food Prize Laureates and other international experts.

Research for the paper focused on major issues in global agriculture, development and food security in developing countries. Participants also helped with a hands-on service project packaging meals for Outreach, Inc., an Iowa-based hunger-fighting organization that serves people in the United States and abroad, toured innovative research and industrial facilities in Adel, Des Moines, Panora, and Slater, Iowa – Hawkeye Breeders Services, Kemin Industries, Early Morning Harvest Farms, and Syngenta Seeds, respectively – and took part in an Oxfam Hunger Banquet to simulate the realities of global hunger and poverty.

With the generous support of Mr. Clay Mathile and a commitment from the **Mathile Institute for the Advancement of Human Nutrition**, the World Food Prize Foundation initiated a **National Expansion** of these youth programs. With the establishment of qualifying state and regional Youth Institutes in Ohio in 2004; Texas, Nebraska, and Minnesota in 2007; Indiana and Illinois in 2008; New York and Pennsylvania in 2009; Arkansas in 2010; Wisconsin in 2014; Michigan, South Dakota, Kansas and Alabama in 2015; and Missouri, North Carolina, Florida, New Jersey in 2016; Michigan, Kansas and Alabama in 2015; Florida, Missouri, New Jersey, North Carolina and South Dakota in 2016; and with additional at-large state participants; the reach and impact of these exceptional programs is growing rapidly. To date, **about 509 students from 43 US states and territories have traveled to Iowa** to participate in the World Food Prize Global Youth Institute, joining other students from across Iowa, and have become eligible for the Borlaug-Ruan International Internship and USDA Wallace-Carver Internship programs.

In order to create a truly engaging international experience, the World Food Prize Foundation has endeavored to involve students from outside the United States in the Global Youth Institute by partnering with **Iowa Resource for International Service (IRIS)**, **Iowa Sister States**, **Foreign Language Exchange (FLEX) Program**, **The**

# THE WORLD FOOD PRIZE

**Kennedy-Lugar Youth Exchange and Study (YES) Program, The American Serbia and Montenegro Youth Leadership Exchange (A-SMYLE), Monsanto and the Borlaug Institute for International Agriculture.** To date, **154 international students from 30 countries** (Afghanistan, Bangladesh, Brazil, Bulgaria, Canada, China, Egypt, France, Germany, India, Indonesia, Kosovo, Mexico, Montenegro, Morocco, Netherlands, Nigeria, Pakistan, Peru, Philippines, Russia, Serbia, South Africa, South Korea, Tanzania, Tunisia, Turkey, Turkmenistan, Ukraine and Venezuela) have participated in the Global Youth Institute.

Since 2001, in collaboration with Heartland Area Education Agency (AEA 11) in Johnston, the World Food Prize has provided teacher mentors attending the Global Youth Institute the opportunity to participate in a Professional Development session to earn advanced or relicensure credit. The 2016 Professional Development session presented teachers with an educational curriculum based on materials provided by the Asia Society in New York City and facilitated by the Asia Society's Education Director in Oregon. During the session, teachers discussed and developed classroom curricula on how to effectively prepare a globally competent workforce through high-quality Global Career and Technical Education.

## **Dr. Norman Borlaug/World Food Prize Day in Iowa Schools**

For the 15<sup>th</sup> consecutive year, the World Food Prize has initiated the "Dr. Norman Borlaug World Food Prize Day" Poster Distribution project, partnering with local artists and educators to design, produce and distribute a poster featuring artwork of Dr. Borlaug with educational resources and information on his life and work, the World Food Prize and its Global Youth Institute. Through the state's Area Education Agency network, the Borlaug Day Poster is distributed to all K-12 schools in the state to raise awareness of our state's heroic hunger fighter. A letter from Governor Branstad accompanied the 2016 posters, asking students and educators to pause and reflect on Dr. Borlaug's accomplishments on October 16 – Dr. Norman Borlaug World Food Prize Day in Iowa – as proclaimed by the Governor and State Legislature annually since 2002. On two separate occasions, the World Food Prize has donated books on the life of Dr. Norman Borlaug to every high school in the state.

## **Iowa Youth Institute**

Based on the success of the Global Youth Institute and national expansion, the World Food Prize Foundation is expanding its educational programs through the World Food Prize **Iowa Youth Institute** at Iowa State University, which aims to involve students from every Iowa high school within the next few years. As of 2016, 63% of Iowa High Schools have participated in World Food Prize youth programs.

Thanks to the generous support of Paul and Claudia Schickler and the support of Governor Branstad, Lt. Governor Reynolds and Iowa State President Steven Leath, on April 25, 2016, 281 students named "Borlaug Scholars" and their teachers from 126 Iowa high schools gathered on the campus of Iowa State University in Ames for the fifth annual day-long Iowa Youth Institute to explore and learn about the pressing global issues of poverty and hunger. The program strongly emphasizes the role of STEM (science technology, engineering and math) in addressing global hunger and related issues, and is designed to connect Iowa students to educational opportunities and pathways in STEM.

Specifically, administrators and teachers engage a large number of their students in the program by guiding them in writing a research paper about global hunger issues. Through their research, students study hunger issues in another country, focus on a specific factor that influences food security in that country, and propose scientific, technological and policy solutions to improve the situation. Each high school then selects a student to represent their school as a Borlaug Scholar at the Iowa Youth Institute.

# THE WORLD FOOD PRIZE

Interaction with Iowa leaders in STEM introduces students to the vast opportunities for STEM careers in Iowa that are associated with issues in hunger and food security. The ultimate goal of this program is to provide every high school student in Iowa the opportunity to participate in the World Food Prize youth programs, raising their awareness about the immense number of educational and job opportunities that exist in Iowa to have an impactful career, on both the local and global levels.

Over 40 Iowa civic, business and political leaders also took part in the Iowa Youth Institute this year, serving as contributors with the high school students and offering them real world perspectives.

All students who participate at the Iowa Youth Institute earn a \$500 scholarship to attend the College of Agriculture and Life Sciences at Iowa State University. Seventy-five Iowa students are selected to attend the Global Youth Institute held in conjunction with World Food Prize events in October. Iowa students selected for the Global Youth Institute receive an additional \$250 scholarship to ISU, and if they become a World Food Prize Borlaug-Ruan International Intern, they earn an additional \$3,000 scholarship.

## **Borlaug-Ruan International Internship Program**

As an extension of the Global Youth Institute, the World Food Prize **Borlaug-Ruan International Internship** program annually offers high school students the opportunity to work at **top research centers around the world** for eight weeks during their summer break. The Foundation stresses the uniqueness of this program from other “study abroad” internship programs in that the students participate in research projects with world-renowned researchers while getting a first-hand view of real and pressing food security issues and nutritional problems in poverty-stricken areas. The student becomes an integral part of the project, spending time in the lab as well as days or weeks at a time in the field conducting research and gathering data. The goal of the Borlaug-Ruan International Internship Program is to inspire youth to pursue careers in science, food, agricultural and natural resource disciplines.

The Borlaug-Ruan International Internship Program was initiated in 1998 with two intern placements in Mexico and Kenya. At present, the Foundation is able to place 23 interns abroad each summer. In the past 18 years, the World Food Prize has funded a total of **273 Borlaug-Ruan International Internships at 34 of the top agricultural research centers, institutions and NGOs around the world** in Africa, Asia, Latin America and the Middle East, including: Bangladesh, Brazil, China, Costa Rica, Egypt, Ethiopia, Guatemala, India, Indonesia, Kenya, Malaysia, Mexico, Nepal, Peru, Philippines, Taiwan, Tanzania, Thailand, Trinidad and Turkey.

Borlaug-Ruan interns are involved in global projects dedicated to reducing poverty and hunger in areas such as (but not restricted to): fisheries and aquaculture studies; biotechnology; micro-credit and the women’s self-help concept; the influence of education on household food security in rural areas; and the calculation of Vitamin C concentration in numerous potato varieties. The international projects completed by the Borlaug-Ruan Interns are frequently judged by their supervising research faculty and the World Food Prize Laureates to be of significant quality and equal to the work of many of their college and graduate student interns.

Each fall, the top Borlaug-Ruan Interns are selected (from the previous summer) for excellence in completing their assignments and are awarded the **John Chrystal and Elaine Szymoniak Intern Awards** at the World Food Prize Laureate Award Ceremony at the Iowa State Capitol. In 2016, one of the recipients was from Iowa, Isiah Brandt of Sumner, who worked at *icipe*-African Insect Science for Food and Health in Mbita, Kenya. Complete intern reports are available on the Foundation’s website – [www.worldfoodprize.org/youth](http://www.worldfoodprize.org/youth).

# THE WORLD FOOD PRIZE

Borlaug-Ruan Interns have received a number of special awards, such as the eight who became finalists in the **National Intel Science Talent Search**, America's oldest and most prestigious science research competition for high school seniors. Many interns have been accepted to leading colleges and universities in the United States., including **Iowa State University, the University of Iowa, University of Northern Iowa, Drake University, Grinnell College, the California Institute of Technology, Cornell University, George Washington University, Harvard College, Johns Hopkins University, Northwestern University, Princeton University, Purdue University, Rice University, Smith College, Stanford University, the University of Minnesota, the University of Pennsylvania, Vanderbilt University, Wellesley College, and Yale University.**

Former interns have gone on to do incredible work. They have earned extremely competitive academic awards, such as the Rotary Ambassadorial Scholarship, which allowed one student to work in India for a year. Multiple alumni have been awarded Davidson and Fulbright Scholarships to work in Guatemala, India and Mozambique. Others have studied at acclaimed institutions such as the London School of Hygiene and Tropical Medicine and Ivy-League schools in the United States. Still more have gone on to work for influential and respected programs such as the Centers for Disease Control or in international non-profit organizations and nongovernmental organizations in the areas of agricultural development and humanitarian relief, or at international research centers where they themselves served as interns during our programs.

The World Food Prize Foundation's staff maintains a close mentorship role with many of the youth who have completed the World Food Prize youth programs, as these students continue their undergraduate and graduate studies in disciplines that include (but are not limited to): agronomy, environmental engineering, anthropology, animal science and veterinary medicine, neurobiology, international economics, international development, human nutrition, medicine, law, sociology, international agriculture, foreign languages (Hindi, Arabic, Chinese, Spanish, French), political science and women's studies. The majority of these young alumni report that the World Food Prize Global Youth Institute, Borlaug-Ruan International Internship and Wallace-Carver Fellowship Programs provided **the formative experience that inspired them to pursue their chosen academic and career paths.**

Since 2000, the World Food Prize has significantly increased program participation, quality and operational execution, resulting in an enhanced visibility for the programs with increased community awareness and financial support. For the past nine years **John Deere, Monsanto, Dupont Pioneer and Principal Financial Foundation** have each sponsored one to two internships. When proximity allows, these companies arrange for their country-specific representatives to meet with and give operational tours to our interns working in their country locations. In addition, some of the sponsoring companies provide a network of support for the interns once home, to explore prospective future internships and employment with these companies.

Before he died, Dr. Borlaug told Amb. Quinn that he was **“convinced that our international internship program is contributing importantly to spawning the agricultural leaders of the decades 2040-2050.”** The World Food Prize Foundation is dedicated to fostering the next generation of individuals who will combat hunger and malnutrition in the manner of Dr. Borlaug and the World Food Prize Laureates. Our goal is to have our Iowa Youth Institute, Global Youth Institute, Borlaug-Ruan Internship and Wallace-Carver Fellowship Programs be seen as the “crown jewels of the Iowa high school experience.”

# THE WORLD FOOD PRIZE

## Wallace-Carver Fellowship Program

U.S. Secretary of Agriculture Tom Vilsack and Ambassador Quinn signed a second Memorandum of Understanding between the U.S. Department of Agriculture and the World Food Prize Foundation in 2016, extending the partnership they established in 2011 to create the Wallace-Carver Fellowship. This new agreement expands opportunities for high school and college students in Iowa, and across the country, through the year 2021, to prepare the next generation of agricultural and scientific leaders.



**Secretary Vilsack and Ambassador Quinn** sign the 2016 Memorandum of Understanding, extending the Wallace-Carver program

“This is a wonderful opportunity for young people to be inspired to commit their lives to agriculture and the fight against global hunger,” said Vilsack. “USDA thanks the World Food Prize for their efforts to create opportunities for young people pursuing careers in agriculture and related fields. These students truly are the best and brightest.” All alumni of the World Food Prize youth programs are eligible to become USDA Wallace-Carver Fellows.

In 2016, 37 students had the opportunity to collaborate with world-renowned scientists and policymakers through fellowships at USDA, analyzing agricultural and economic policy; assisting in the management of food, nutrition and rural development programs; and taking part in groundbreaking field and laboratory-based research.

To date, 151 high school and college students have explored careers in public service in science and agriculture through this life-changing program.

The Fellows also participate in a **high-level leadership symposium in Washington, D.C.**, hosted by the Secretary of Agriculture, including a series of policy briefings, tours, leadership development activities, and dinner discussions with key government officials and American thought leaders.

The experience allows the fellows to examine key domestic and global challenges, and explore the exciting opportunities available to them to impact agriculture, the environment, human health and science through public service. Highlights of the 2016 program included:

- **U.S. Deputy Secretary of Agriculture Michael Scuse** met privately with the Fellows to discuss strategies to strengthen American agriculture; stimulate the economy; improve human health; and build safer, stronger and more resilient communities through scientific innovation, sound policies, and strong public-private partnerships.
- **Deputy Assistant Secretary of State Robert Manogue** greeted the Fellows to the U.S. Department of State and discussed international trade policy and American interests in creating markets for commodities, technologies, ideas and innovation. **Acting Director Dr. Marcella Szymanski** of the Office of Agriculture Policy briefed the Fellows on biotechnology, international trade and diplomacy in the 21<sup>st</sup> Century.
- **First Lady Michelle Obama’s Let’s Move initiative Associate Director Catherine Oakar and Deputy Director Kelly Miterko** met with the Fellows to discuss policies and programs to end childhood obesity and malnutrition, and shared their passion for healthy foods, healthy children and healthy communities in a briefing at the White House.

# THE WORLD FOOD PRIZE

- **White House Domestic Policy Council Senior Advisor Chad Maisel**, explained the priorities of the Rural Policy Council and the National Economic Council, and discussed key challenges facing rural America today and what the fellows can do through careers as public servants.
- **Dr. Ari Novy, Executive Director of the U.S. Botanic Garden**, shared his passion for plants with the Fellows on a private tour of the U.S. Botanic Garden that explored the botanic beauty and economic and scientific value of the plants all around us.
- **Ambassador Tony Hall** discussed his career as a public servant working to fighting hunger in America, and shared ways the fellows can work to end domestic food insecurity as legislators, activists, lobbyists and government officials.
- **The Fellows met with senior leadership at USDA headquarters in Washington D.C.**, to discuss the domestic and global challenges USDA programs, policies and personnel work to address, including:
  - Dr. Muquarrab Qureshi, Deputy Director of the Institute of Youth, Family and Community, USDA National Institute of Food and Agriculture (NIFA)
  - Yeshimebet Abebe, Deputy Assistant Secretary for Administration, USDA
  - Elizabeth Rahavi, Nutritionist, USDA Center for Nutrition Policy and Promotion
  - Hubert Hamer, Acting Administrator, USDA National Agriculture Statistics Service
- The Fellows met with the senior leadership and **toured the National Agricultural Library, and the Henry A. Wallace Beltsville Agricultural Research Center**, the largest agricultural research complex in the world.
- The Fellows also had dinner discussions with a range of scientific, economic, and political thought-leaders, including:
  - Rick Leach, President and CEO, World Food Program USA
  - Dr. Shenggen Fan, Director-General, International Food Policy Research Institute (IFPRI)
  - Dr. Daniel Karanja, Executive Director, Partnership to Cut Hunger and Poverty in Africa
  - Margaret Ziegler, Executive Director, Global Harvest Initiative (Agricultural Production)
  - Dan Silverstein, Sr. Advisor, USAID Bureau for Food Security (Business & Economic Development)
  - Dr. Taylor Wallace, Principal Consultant, Think Healthy Group (Food Safety & Nutrition)
  - Devin Dotson, Public Affairs Specialist, U.S. Botanic Garden (Agricultural Communication & Education)
  - Savanna Henderson, Associate, Humanitas Global (Hunger Eradication)
  - Brian Pick, Chief of Teaching & Learning, District of Columbia Public Schools (Education & Empowerment)
  - Moushumi Paul, Science Advisor, USDA Office of Diversity, Outreach & Equal Opportunity (Research & Public Service)
  - Michelle Landes, Agricultural Science Fellow, USDA Office of the Chief Scientist (Animal Disease & Public Health)
  - Robert Sassor, NASA Communications Consultant (Environmental Policy & Communications)

The Wallace-Carver Fellowship honors the legacies of George Washington Carver and Henry A. Wallace, two great Iowans and American agricultural leaders of the 20th century.

In addition to the creation of educational and career opportunities for Iowa students, Iowa State University and Iowa-based research institutions **have gained several thousand hours of additional support** on advanced scientific research, at an **annual value of approximately \$50,000** to these Iowa institutions.

# THE WORLD FOOD PRIZE

## World Food Prize Board of Reviewers

One of our most exciting new initiatives we implemented in 2016 is the creation of The World Food Prize Board of Reviewers. This special group of 50 mentors and thought-leaders individually read and provided thoughtful, personalized feedback for every high school student that researched and wrote a paper for the Iowa Youth Institute. Through the paper review process, we are able to:

- Nurture each student's unique interests and validate their creative, original ideas;
- Offer thought-provoking questions to extend the breadth and depth of their understanding;
- Provide practical feedback on their findings;
- Offer suggestions and real-world advice on the implementation of their recommendations; and
- Suggest revisions on grammar, style, structure and referencing to help each student improve their paper and better communicate their ideas

Dr. Borlaug believed that the most effective way to inspire and prepare young leaders is to give them a voice and a place at the table in the problem-solving process. We see the Board of Reviewers as one of the most meaningful and dynamic ways to fulfilling Norm's vision – not just by creating transformative and inspirational life-changing experiences for students, but by nurturing, educating and mentoring them to become the next generation of young leaders in the fight to end hunger.

## George Washington Carver Internship Program

In 2016, the World Food Prize welcomed **28 students from Iowa colleges and universities** as interns to collaborate with Foundation staff to work on various aspects of planning and implementation of the Foundation's programs. These students form close relationships with staff mentors and acquire valuable skills and real-world experience to help them develop and progress toward their career goals. Many receive academic credit at their schools for their work.

According to one intern, "The George Washington Carver internship program with The World Food Prize Foundation has provided me the opportunity to gain hands-on experience in the international development realm; working each day toward eliminating world hunger and therefore enhancing the quality of life for individuals across the world. Through preparing, implementing, and facilitating events associated with the annual symposium and Global Youth Institute, I was able to interact and connect with experts as well as acquire knowledge of long-term solutions to global poverty and the associated plaguing hunger. I have molded and built a transferrable skillset that will enable not only future career growth, but personal growth as well."

## Conclusion

The two most important statistics associated with participation in World Food Prize education and youth leadership programs are:

- **92% go on to pursue college degrees in agriculture and science**
- **77% choose careers in agriculture and STEM fields**

With the continued assistance of the Iowa Legislature and other sponsors, all of these programs will continue to make an impact on Iowa high school youth as they set out on what we hope will be the road to becoming effective change agents in their own communities, better global citizens and future leaders.

# THE WORLD FOOD PRIZE

## HOLDING EVENTS WITH STATEWIDE OUTREACH FOR IOWA COMMUNITIES

Another key World Food Prize objective is to have Iowa be recognized as the “Hunger Fighting Capital of America.” The World Food Prize strives to bring people together around the many issues surrounding hunger and facilitate discussions about our communities’ needs, through the Iowa Hunger Summit, and Laureate Lecture Series each October and year-round through the Iowa Hunger Directory, which profiles over 500 hunger-fighting organizations.

Of special note in 2016, the World Food Prize provided funding to the Governor’s Healthiest State Initiative to support the nutrition enhancing “Double Up Food Bucks” pilot program at risk farmers markets across Iowa in Decorah, Dubuque, Perry, Spencer, Iowa City and Des Moines. This initiative was described as “very successful” by the program director.

### **The Iowa Hunger Summit**

With former Iowa Governors **Bob Ray, Tom Vilsack, Chet Culver, and Terry Branstad** as Honorary Founding Co-Chairs, in 2007 the World Food Prize created the **Iowa Hunger Summit**, a day-long program designed to bring together Iowans from around the state from civic, social, religious, corporate and other organizations that are working to combat hunger at home and abroad. **The Iowa Hunger Summit is a free event and open to the public**, and includes a “**Hunger Luncheon**,” which features meals provided by Iowa-based organizations that work to support food-insecure families in Iowa and overseas.

The 2016 **Iowa Hunger Summit** was a tremendous success, with 450 participants and 39 speakers and leaders in the fight against hunger from Iowa, the United States and around the world. The attendees engaged in a day of discussion panels, keynote speeches, hands on activities and community workshops. The 2016 Iowa Hunger Summit focused on Iowans’ responses to the evolving challenge of hunger at home and abroad, including the achievements of Food Resource Bank.

Leading government officials also participated, including: **Governor Terry Branstad; Lt. Governor Kim Reynolds, U.S. Senators Joni Ernst and Charles Grassley, Senator Janet Petersen; Representatives Marti Anderson, Chuck Isenhardt and Art Staed; Mary Mosiman, Iowa Auditor of State; and Iowa Supreme Court Justices Mark Cady, Edward Mansfield and Thomas Waterman.**

The special dialogue about these issues also attracted Iowa business and industry leaders to the 2016 Iowa Hunger Summit, including: **Craig Hill** of the **Iowa Farm Bureau Federation**, **Randy Edeker, Andy McCann, Noreen Otto and Pat Hensley** of **HyVee** and **Mary Lawyer** of **Wellmark Blue Cross Blue Shield**. Iowa Farm Bureau Federation and FBL Financial have served as exclusive sponsors of the Iowa Hunger Summit Luncheon for the past five years.

Community leaders are also major contributors to the success of the Iowa Hunger Summit as they include religious leaders **Bishop Pates** and **Rabbi David Kaufmann**; civic leaders **Joseph Jones, Executive Director, Harkin Institute** **Jerry Fleagle, President, Hoover Presidential Foundation, Rick Kozin, Director of Public Health, Polk County Health Department** and **Connie Boesen, School Board Member, Des Moines Public Schools**; Leaders from our Local Food Systems **Jordan Vernoy, Vice President, Feeding America, Barb Prather, Executive Director, Northeast Iowa Food Bank** and **Sarai Rice, Executive Director, Des Moines Area Religious Council**; as well as Leaders from local International Non-Profits **Nora Tobin, Executive Director, Self Help International** and **Philip Latessa, Executive Director, Empower**



# THE WORLD FOOD PRIZE

Tanzania. It is through the diversity of our community leaders that we are able to bring in multiple perspectives to the discussions of the day.

The 2016 Hunger Summit featured 39 speakers and leaders in the fight against hunger from Iowa, the United States and around the world, including:

- **Roger Thurow, Senior Fellow for Global Agriculture and Food Policy with the Chicago Council on Global Affairs** was this year's keynote who spoke on the importance of nutrition and development during the first 1,000 days of a child's life between their conception and second birthday.
- **Randy Edeker, Chairman of the Board, CEO and President of Hy-Vee**, opened the morning plenary session through an introduction to the community involvements of Hy-Vee across the state of Iowa.
- **Tina Dunphy, Ohio State Director, Corporation for National and Community Service**, highlighted the various involvements AmeriCorps VISTA is carrying out throughout the state of Iowa and discussed, along with **VISTA members, Tyler James and Abigail Landhuis**, in addition to the **Director of Community Engagement from the Northeast Iowa Food Bank, Aisha Rulapaugh**.
- **Dr. Yogesh Shah of Broadlawns Medical Center**, along with **Aryn McLaren from Iowa's Healthiest State Initiative, Mary Lawyer, Director of Community Health Improvement at Wellmark Blue Cross Blue Shield, and Psychologist Dr. Earl Kilgore, Broadlawns Medical Center**, spoke of the connections between hunger, nutrition and Child Development with a special emphasis on the opportunities for Iowans to be aware and involved.
- **Matt Russell of Drake University's Agricultural Law Center, Liesl Eathington, Director of Iowa State University's Iowa Community Indicators Program, Barb Prather, Executive Director of the Northeast Iowa Food Bank and Peter Fisher, Research Director of the Iowa Policy Project** spoke about the current **State of Hunger in Iowa**.
- Attendees participated in afternoon workshops focusing on: how to start conversations on how to get involved in **food rescue** efforts; the need for **Summer Food Service Programs** and how to support feeding sites; A panel discussion about how **Foods Resource Bank** is mobilizing grassroots leadership in the US to help small-holder farmers around the world be food secure; an introduction to the new **Mobile Food Pantry** launched by the **Partnership for a Hunger-Free Polk County** and **DMARC Food Pantry Network** and how it has impacted Polk County; Iowa's contributions to facilitating sustainable livestock intensification in Tanzania; efforts towards the alleviation of hunger among the elderly and aging; focus on both domestic and international food programs of **The Outreach Program** to provide nutritious meals for the food insecure.

The Iowa Hunger Summit has grown exponentially over the years to become a significant asset to the state's hunger-fighting organizations, bringing together both outside experts from across the country, and Iowa leaders who use the annual event to connect with one another and with guests:

- With the leadership of honorary co-chairs of then former **Governors Robert Ray, Terry Branstad and Tom Vilsack**, nearly 400 people attended the inaugural Iowa Hunger Summit in 2007. The **Rev. David Beckmann**, a Lutheran minister and president of **Bread for the World** (as well as the 2010 World Food Prize Laureate), gave the keynote address. The event also attracted participants from around the country as well as across Iowa.
- In 2008, the Iowa Hunger Summit occurred on the Jewish holiday of Sukkoth, a traditional harvest celebration. **Eric Shockman**, the President of **Mazon – the Jewish Response to Hunger**, gave the keynote address to over 400 participants.
- The event attracted more than 500 attendees from across Iowa and the United States in 2009. That year, **First**

# THE WORLD FOOD PRIZE

Lady Mari Culver delivered featured remarks in honor of Dr. Borlaug, and Bishop Richard Pates spoke of the 30th anniversary of the visit of Pope John Paul II to Iowa. Vicki Escarra, the CEO of Feeding America, delivered the keynote address.

- In 2010, attendance once again topped 500 guests from around Iowa and the Midwest, with keynote remarks from three-time Nobel Peace Prize nominee Amb. Tony Hall. That year, FBL Financial Group, Inc. and Iowa Farm Bureau announced a five-year sponsorship of the Iowa Hunger Summit, beginning in 2011, ensuring that the Iowa Hunger Summit will continue to provide a forum for Iowa citizens to focus on the challenges of hunger at home and abroad.
- **The 2011 Iowa Hunger Summit again welcomed over 500 people.** Given the growth of both food insecurity and obesity in Iowa, the 2011 Hunger Summit had a special focus on nutrition with an emphasis on the development of a food system where fresh, healthy food is the most accessible choice for all Iowans, particularly for children and low-income adults. The special attention to nutrition attracted several notable attendees, including Ric Jurgens of Hy-Vee and John Forsyth of Wellmark Blue Cross Blue Shield, who along with Governor Branstad, brought attention to their efforts to make Iowa the healthiest state in the nation. Deputy Undersecretary of the USDA, Dr. Janey Thornton, a leading voice for nutrition in America, moderated the event and brought increased attention to these issues.
- **The 2012 Iowa Hunger Summit attracted over 600 participants.** The day had a special focus on partnerships and collaborations to confront hunger as well as senior hunger issues in Iowa. Keynote remarks were provided by Howard G. Buffett, farmer, philanthropist and President of the Howard G. Buffett Foundation. Mr. Buffett's keynote described his personal experiences working with hungry people around the world, and through the example of his "Invest an Acre" initiative, he emphasized and celebrated the role the American farmer plays in the struggle to provide food for all people – both abroad and in our own communities in Iowa. Jo Ann Jenkins, President of the AARP Foundation, was the morning keynote speaker. Ms. Jenkins spoke to the burgeoning issue of senior hunger in the United States and suggested mechanisms through which communities can come together to tackle senior hunger as part of a broader push to end hunger in Iowa. Other organizations involved in discussion panels throughout the day included: Des Moines University and the Heartland Global Health Consortium; The United States Agency for International Development (USAID); The Iowa Food Access and Health Working Group, Iowa Soybean Association, and Iowa Food Bank Association; Hunger-Free Minnesota, IndyHunger and the ONE Campaign.
- **The 2013 Iowa Hunger Summit attracted over 650 participants.** The day had a special focus on the food access and nutritional issues Iowans face, and included the unveiling of the 2013 AARP Hunger in Iowa survey results and highlighted the progress of Iowa's Healthiest State Initiative. The luncheon keynote address was delivered by Magnus MacFarlane-Barrow, CEO and Founder of Mary's Meals gave the luncheon keynote address.
- **The 2014 Iowa Hunger Summit included over 600 participants and 34 speakers** and leaders in the fight against hunger from Iowa, the United States and around the world. The day focused on Iowans' responses to the evolving challenge of hunger at home and abroad, included the release of highlights from the 2014 Feeding America report and highlighted the humanitarian accomplishments of President Herbert Hoover, an Iowan, who is credited with saving over one billion people from famine in post-war Europe. The luncheon keynote was delivered by Dennis Dimick, Executive Editor at National Geographic, who led the recent National Geographic "Future of Food" series.
- **The 2015 Iowa Hunger Summit welcomed more than 650 participants and 28 speakers.** The President of Oxfam America, Raymond Offenheiser, gave the keynote speech, addressing the root causes of poverty around the world, and raising awareness of the connections between hunger at home and abroad. Rev. David Beckmann, President of Bread for the World and 2010 World Food Prize Laureate, led the launch of their national, non-partisan "Vote to End Hunger" awareness campaign alongside Bishop Richard E. Pates,

# THE WORLD FOOD PRIZE

Bishop of Des Moines, Lisa Davis, Senior Vice President of Government Relations at **Feeding America**, and **Jamy Rentschler** of **RESULTS**.

One of the goals of the Iowa Hunger Summit is to encourage participants to consider multiple perspectives and opinions. The event has provided the opportunity to share the perspectives of the following organizations over the past ten years:

- **The 734th Agribusiness Development Team (Iowa National Guard)** led a session highlighting the team's work to improve food production and fight hunger in Afghanistan, emphasizing the role of global food security in America's own national security.
- **The Iowa Food Access and Health Working Group** organized a panel highlighting organizations in Iowa that are implementing innovative programs that put fresh, local, healthy food on the plates of low-income Iowans who are most at risk of both being food insecure and obese.
- **The Global Food Banking Network and 30 Project** spoke on world hunger and its relationship to rising global obesity rates and addressed solutions, particularly how global food banking can alleviate world hunger through its feeding programs (by offering fresher, more nutritious food items).
- **Hormel Foods Corporation** told the story of how SPAMMY, an innovative bio-fortified canned meat product, is combating malnutrition in Guatemala and discussed the unique role of the private sector in fighting hunger in the world.
- **Iowa State University Extension** organized sessions highlighting food security among Latino immigrant families in Iowa, the rising cost of food, how food-assistance programs impact Iowans in need, and – with the **Leopold Center for Sustainable Agriculture** – a session on how renewed interest in Iowa's food systems can promote nutrition and food security for hungry families and children in our communities.
- **Elanco and Heifer International** hosted a discussion of the role of livestock and animal-sourced foods in improving nutrition and fighting hunger and poverty globally.
- One session featured the work of **3M** and **Outreach Africa** to develop water-filtration systems and increase access to clean water in developing countries.
- **The Heartland Global Health Consortium** organized a session on the specific health and food challenges faced by thousands of older Iowans and a significant part of the aging population around the world, and a session on the connection between infant and child nutrition, brain development, and education in global health and development.
- **The Iowa Department of Human Services** led a session with the **Department of Public Health** and the **Department of Education** on state efforts to counteract child hunger and its effects.
- **The Des Moines Area Religious Council** and its partner organizations highlighted interfaith efforts to promote food security in Des Moines and other Iowa communities.
- **The Community Food Security Coalition** convened a session on urban food security and agriculture, highlighting the leadership of various Iowa communities in this regard.
- **The Harvest Initiative** brought together experts from Iowa and the Midwest to present Native American perspectives on agriculture, nutrition and health.
- **The Alliance to End Hunger** sponsored bipartisan discussions with **former deputy Secretary of Agriculture Jim Moseley** and **Congressman Jim McGovern** of Massachusetts, as well as other national leaders, on federal policies to improve access to food domestically and globally (in 2008, it was at this event that President Obama's pledge to end childhood hunger in the United States by 2016 was announced; in 2009,

# THE WORLD FOOD PRIZE

USDA leaders from Washington and Denver hosted a listening session to gain feedback from Hunger Summit attendees on how that goal can be reached in Iowa and how Iowa's experience can support similar efforts in other states).

- **Kids Against Hunger, Outreach Africa, Project Elijah Foundation, and Meals from the Heartland** coordinated a session that discussed how their organizations have partnered and innovated unique projects that link Iowa communities with hungry people in Argentina, Haiti and Tanzania, as well as other areas in the United States.
- **Doctors Without Borders** brought medical professionals who addressed child malnutrition as a major global health concern.
- **The Humpty Dumpty Institute** brought a delegation of **United Nations ambassadors** from New York to speak about food insecurity in their countries.
- **The Friends of the World Food Programme** hosted a briefing on UN-led efforts to provide food relief and improve food security globally.
- **The United Nations Foundation** hosted a dialogue on global hunger's connection to issues of international security and cooperation.
- **The Iowa Department of Public Health, Hy-Vee, and Des Moines University** spoke about **Iowa's Healthiest State Initiative** and the progress the initiative has made improving health and nutrition among Iowans.
- **Iowa AARP** unveiled results of their 2013 statewide survey about hunger in Iowa, which included a response panel comprised of **Jennifer Sauer, senior research advisor at AARP**, and state leaders in hunger issues such as **Cory Berkenes, President of the Iowa Food Bank Association** and **Kent Sovern, AARP Iowa State Director**.
- **Former California Commissioner of Agriculture, AG Kawamura, and Ethan Bergman, Past President, American Academy of Nutrition and Dietetics** spoke about food security and nutrition issues in the United States.
- **Iowa State University and Blessman Ministries and The University of Pretoria, South Africa** presented about animal, human, and environmental health.
- **AmeriCorps VISTA** led a panel discussing the many involvements of their members across the state of Iowa leading the charge in combatting food insecurity within local food systems and hosted a meal packaging event with **Outreach Inc.**

## Iowa Hunger Directory

Based on the outstanding success and growth of the Iowa Hunger Summit, the World Food Prize announced a new initiative in 2012 – **The Iowa Hunger Directory** – to extend the valuable programming of the Iowa Hunger Summit throughout the year and into every county in Iowa. **The Iowa Hunger Directory has grown to include over 500 organizations and reaches into every county in the state.** The website also includes a statewide calendar of events, an interactive map and a section of tips and best practices.

Our monthly Hunger Directory Newsletters share information about innovative efforts and collaborations among Iowa's hunger-fighters with over 500 individuals, and our Iowa Hunger Calendar enables people across Iowa to identify and take part in hunger-fighting events in their own communities.

Leaders and staff of organizations use the Iowa Hunger Directory to find, engage, and build collaborations with other

# THE WORLD FOOD PRIZE

anti-hunger organizations in Iowa. Ordinary Iowans use the Iowa Hunger Directory to identify opportunities to volunteer with or otherwise support organizations and efforts to end hunger from Iowa.

By providing a year-round, statewide platform for learning and networking, the Iowa Hunger Directory inspires increased efforts and collaboration among Iowa's hunger fighters, ultimately reducing hunger in the state.

## **Annual Lecture Series and Events Across Iowa**

The World Food Prize reaches out to Iowans through its statewide Lecture Series and other special events. Over the past 15 years, the Foundation has partnered with colleges, universities, high schools, middle schools, elementary schools, businesses and professional and community organizations to arrange over 220 formal lectures—most are open to the general public free of charge—by distinguished World Food Prize Laureates, members of the Council of Advisors and other international experts and leaders attending the World Food Prize Borlaug Dialogue International Symposium and associated events.

**It is estimated that the cost to Iowa Educational Institutions to put on these lectures would be \$1,150,000.**

The goal of the World Food Prize Lecture Series is to enhance the Borlaug Dialogue and extend its discussions and activities concerning vital food security issues to communities across the state. The World Food Prize's collaboration with Iowa's educational institutions and businesses also increases and builds public awareness of those issues related to agriculture, agribusiness, food, nutrition and health, and further helps to support cultural and educational opportunities within the state.

The cornerstone of this program is the prestigious **Iowa State University Norman Borlaug Lecture** in Ames. Established by the President of the University in conjunction with the World Food Prize in 2001, this premier event honors Dr. Norman Borlaug, and has become the highlight of ISU's academic year.

The 2016 Borlaug Lecture by the 2016 Laureates Drs. Maria Andrade, Robert Mwangi, Jan Low, and Howarth Bouis was entitled: "Leading the Fight against Malnutrition and Hidden Hunger." This event drew a large audience from the ISU community and around central Iowa that filled the Great Hall in the Memorial Union on campus.

**In addition to the Borlaug Lecture at Iowa State, 26 other Lecture events took place in October of 2016, including at the following: William Penn University; Simpson College; Central College; Grinnell College; Grand View University; Des Moines Area Community College (DMACC); Hawkeye Community College; Ballard-Huxley High School; Hoover High School; Des Moines Central Academy; Roosevelt High School; ADM High School (Adel); SE Polk High School; Waukee High School; I-35 High School (Truro); Des Moines Regional Chamber of Commerce Breakfast at Terrace Hill; and the ISU College of Agriculture and Life Sciences.**

Over the past 15 years, nearly 230 **World Food Prize Lectures and other outreach events have been organized across the state** at the American Institute of Business in Des Moines, Ames High School, Bondurant-Farrar High School, Buena Vista College, Central College, Des Moines Central Academy, Des Moines Area Community College, Des Moines Area Chamber of Commerce, Des Moines Hoover High School, DuPont Pioneer, Hawkeye Community College, Heartland Global Health Conference, Des Moines University, Drake University, Graceland College, Grand View University, Grinnell College, I-35 High School, Indian Hills Community College, Iowa Council of Social Studies, the Iowa State Historical Building, Iowa State University, Kemin Industries, S.E. Polk High School, Loras College, Luther College, Monsanto, Morningside College, Northern Iowa University, Simpson College, St. Augustin Middle School; University of Dubuque, the University of Iowa, Waldorf College, Wartburg College, and William Penn University.

# THE WORLD FOOD PRIZE

In 2016, as has been the case for the past 10 years, the World Food Prize also **partnered with the Iowa Culinary Institute (ICI) of Des Moines Area Community College (DMACC) to hold a Laureates' Dinner** at the end of World Food Prize Week. This event gives the young chefs-in-training at ICI an opportunity for significant international exposure.

In conjunction with the Laureate Lecture Series, the World Food Prize has sought to include an additional free, open-to-the-public event in Des Moines during World Food Prize Week to provide an opportunity for community members to hear, meet and connect with the current year's World Food Prize Laureate(s).

In 2008, this “**Laureates Forum**” featured **Senators Bob Dole and George McGovern** reflecting on their public careers and their engagement in issues of hunger, child nutrition and educational opportunities (especially for girls). The 2010 Laureates **David Beckmann and Jo Luck** participated in a public forum conversation moderated by noted author/journalist Roger Thurow on the importance of grassroots engagement in fighting hunger and improving agriculture and offered inspiring stories from their work in the United States and around the world. In 2011, the Laureates – former President of Brazil, **Luiz Inácio Lula da Silva**, and former President of Ghana, **John A. Kufuor** – each gave separate presentations as part of the Borlaug Dialogue and several community members attended President Kufuor's luncheon speech.

In addition, the World Food Prize has regularly collaborated with partner institutions around Iowa to organize and support activities that increase and build public awareness of issues related to agriculture, agribusiness, food, nutrition and health, and that further support cultural and educational opportunities within the state:

- A month-long campaign was created in partnership with the **Iowa Department of Public Health** to bring attention to issues of good nutrition, especially in young children, as a way to ward off obesity. Then-Department Director Mary Mincer Hansen said the collaboration with the World Food Prize was “one of the best partnerships I have experienced during my time in office.”

In conjunction with this campaign, the World Food Prize brought doctors and medical specialists from **Harvard Medical School**, the **Centers for Disease Control** and the **Mayo Clinic** to Iowa for special presentations, including to high school students around the state.

- The World Food Prize President regularly participates in the **Des Moines Hunger Hike** opening ceremony, which is held on the Sunday before the World Food Prize events, and the Foundation encourages **Crop Walks** held around the state throughout the year.
- The World Food Prize collaborated with the **National River Museum** and **Loras College** in Dubuque to bring an element of the World Food Prize to eastern Iowa, as part of a Mississippi River Harvest Festival in 2006.
- In **West Branch**, the World Food Prize worked closely with the leadership of the **Hoover Presidential Library** to hold a conference on “**Four Who Fed the World**,” celebrating the historic work of Herbert Hoover, Henry Wallace, George Washington Carver and Norman Borlaug, and to distribute this information to World Food Prize attendees each year.
- The **U.S. Cellular World Food Festival**, in Des Moines' East Village, was established in 2005 with strong encouragement by the World Food Prize by the Downtown Events Group as a community event to celebrate the themes of the World Food Prize, including international food and culture. In 2012, the World Food Prize sponsored a booth to bring further awareness about its Hunger Summit and youth education programs.

# THE WORLD FOOD PRIZE

- The historic **Hotel Pattee in Perry** hosted a two-hour lecture by Dr. Norman Borlaug for over 200 attendees in 2006 in conjunction with the World Food Prize.
- Based on a proposal by the President of the World Food Prize Foundation, **The Des Moines Marathon** has been scheduled to take place during the week of the World Food Prize events, which gives the World Food Prize events a special health and nutrition emphasis and brings greater attention to the race.
- In conjunction with **Humanities Iowa**, the World Food Prize sent one of its Laureates from India, Dr. M.S. Swaminathan, to be the keynote speaker at the **2007 Covered Bridge Festival in Winterset**. Dr. Swaminathan also spoke at **Simpson College**. His appearance was linked to the special assistance provided by Iowa hero George Washington Carver to Mahatma Gandhi during the quest for independence in India.
- In 2000, the World Food Prize partnered with the **Des Moines Public Library** to host a special **Smithsonian Exhibit** – “Listening to the Prairie.”
- The World Food Prize president worked closely with the Garst Family from **Coon Rapids** in 2009 to support and participate in the 50<sup>th</sup> anniversary of the Khrushchev visit to the Roswell Garst Farm.
- The World Food Prize provided support to the **Norman Borlaug Heritage Foundation in Cresco** for a project to preserve Dr. Borlaug’s boyhood farm and schoolhouse. As part of this endeavor, it funded work by Douglas Eckheart, an artist from **Decorah**, who taught at the site.
- In 2001, the World Food Prize partnered with **4-H** to establish a special award in honor of the 100<sup>th</sup> anniversary of 4-H (and its founder Jessie Field Shambaugh of Clarinda) and of the Nobel Prize (and Iowa recipient Dr. Norman E. Borlaug). This award was presented to every 4-H winner at the **Iowa State Fair**. All the students were then hosted at the 2001 World Food Prize ceremony.
- The World Food Prize partnered with the **U.S. Grains Council** and the **Iowa Corn Growers Association** to arrange and host a farm field demonstration event in **Jasper County** and a tour of the local Cooperative in **Prairie City** for a group of 35 international biotechnology policy experts. Also attending this event in 2002 were several World Food Prize Laureates and Council of Advisors’ members.
- In 2010, the World Food Prize brought the Ministers of Agriculture of both Afghanistan and Pakistan to its Borlaug Dialogue and Laureate Award Ceremony. They also participated in an outreach activity led by U.S. Secretary of Agriculture Tom Vilsack that included a visit with a farm family near **Colo** and a roundtable discussion at the farm with the President of **Iowa State University**, Greg Geoffroy, along with staff members of **ISU Extension**.
- A group of 40 international farmers attending the World Food Prize in 2010 participated in a farm field day organized by **Oxfam International** at a farm near **Marshalltown**, and also visited **Marshalltown Community College**.

# THE WORLD FOOD PRIZE

## CELEBRATING OUR STATE AND PRESERVING IOWA'S HERITAGE

In order to make the World Food Prize better known across America and around the globe, and to bring increased attention to Iowa, the World Food Prize Foundation has organized and participated in numerous events over the past 16 years, including events at home in Iowa, in Washington D.C. and around the globe.

- **World Food Prize Laureate Announcement Ceremony:** Each spring, the World Food Prize holds an event outside Iowa to announce the name(s) of the individual or individuals who will receive the \$250,000 World Food Prize the following October. For the past thirteen years, this event has taken place in the formal Diplomatic Reception Rooms of the **U.S. State Department in Washington, D.C.**, with the U.S. Secretary of State and other senior officials from the U.S. government and international organizations taking part. The first such ceremony occurred in 2004 with **Secretary of State Colin Powell** presiding.

The 2016 Laureate Announcement Ceremony featured USAID Administrator Gayle Smith as the keynote speaker, as Ambassador Quinn revealed the names of the four scientists who would be recognized as the 30<sup>th</sup> Anniversary Laureates for their pioneering work in biofortification.

More than 4700 people attended the Laureate Announcement Ceremony in 2015 at the State Department, hosted by **Assistant Secretary of State for the Bureau of Economic and Business Affairs Charles Rivkin**, who delivered introductory and welcome remarks. **Secretary of Agriculture Tom Vilsack** spoke at the event, applauding the World Food Prize for honoring Sir Fazle Hasan Abed, the Chairman of BRAC, a non-governmental organization headquartered in Bangladesh, for his leadership in the progress he has made in improving people's lives, alleviating hunger, and providing pathways out of poverty.

When possible, this Laureate Announcement event has been timed to coincide with the Greater Des Moines Partnership's annual trip to Washington, D.C., allowing Iowa business leaders to interact with international and diplomatic guests.

- **Official Announcement of the Norman Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation:** The fifth recipient of this Award for agricultural leaders under 40 established by the World Food Prize – **Mr. Andrew Mude** – was announced at the International Livestock Research Institute in Nairobi by Ambassador Kenneth Quinn on September 2, 2016. Mr. Mude was recognized for his work in developing a highly innovative insurance program for pastoralist herders in remote Kenya. His collaborative work has made it possible for poor livestock herders in developing African countries to escape poverty and improve their livelihoods.
- **The State of Iowa's Borlaug Statue Unveiling Ceremony at the U.S. Capitol:** Amb. Kenneth Quinn was honored to be appointed by Governor Terry Branstad to lead the State of Iowa's Borlaug Statue Committee for two years in the coordination and planning of placing Dr. Norman Borlaug's statue in Statuary Hall in the U.S. Capitol. This effort culminated on March 25, 2014, during a beautiful ceremony at which the statue was unveiled, and where the bipartisan leadership of the U.S. Congress were present to speak about Dr. Borlaug. Also speaking at the event were Iowa Governor Terry Branstad, U.S. Secretary of Agriculture Tom Vilsack, and Amb. Quinn. Celebrating that day was a crowd of 300 honored guests. A reception was also hosted afterward in the U.S. Capitol Visitors Center.
- **Congressional Gold Medal Ceremony at the U.S. Capitol:** One of the proudest moments for the World Food Prize came in July 2007 when Dr. Norman Borlaug received the Congressional Gold Medal – America's highest civilian honor. The President of the World Food Prize worked closely with the Iowa Congressional



# THE WORLD FOOD PRIZE

Delegation for several years to make this event possible. President George W. Bush, joined by the bipartisan leadership of the Congress, presented the award to Dr. Borlaug before an audience of over 500 distinguished guests.

Dr. Borlaug became one of only three Americans to have won the Nobel Peace Prize, the Presidential Medal of Freedom and the Congressional Gold Medal. The only other Americans who hold all of these honors are Martin Luther King, Jr. and Holocaust survivor Elie Wiesel.

The World Food Prize hosted a reception in honor of Dr. Borlaug in Statuary Hall at the U.S. Capitol following the Congressional Gold Medal Ceremony. The event featured Governor Chet Culver and the entire bipartisan Iowa Congressional Delegation.

## Hoover-Wallace Dinners across Iowa

At home in Iowa, the World Food Prize implements additional programs and projects also aimed at preserving Iowa's strong legacy, such as periodic **Hoover-Wallace Dinners**.

For several years, in conjunction with **Rotary Clubs** around the state and the **local development and Chamber of Commerce organizations**, the World Food Prize has hosted a dinner each spring honoring Iowa's humanitarian heroes and celebrating Iowa's humanitarian heritage. The Hoover-Wallace Dinner recalls the amazing leadership role that those

Iowa natives played in feeding hundreds of millions of people around the world. All proceeds from the dinners support the Borlaug-Ruan International Internship program. The dinner has also served as a ceremony to introduce the newest group of high school students from Iowa who will travel to Asia, Africa and Latin America as World Food Prize sponsored Borlaug-Ruan Interns to continue the legacy of Dr. Borlaug's humanitarian work.

All of Iowa's federal and statewide elected officials, including the bipartisan leadership of the Legislature, serve as honorary sponsors of this event. Dr. Norman Borlaug's 90th birthday was the focus of the inaugural **Hoover-Wallace Dinner** held in **Cedar Rapids** in 2004 in close coordination with the Rotary Clubs of Iowa City and Cedar Rapids. Since its inception, the Hoover-Wallace Dinner has been held in locations around the state and has honored an array of Iowans; such as:

- In 2012, **Iowa Governor Terry Branstad** and **U.S. Secretary of Agriculture Tom Vilsack** were honored for their role in the visit of Chinese Vice President Xi Jinping's visit to Iowa, for their work in promoting economic development and for supporting youth programs. They were honored during a dinner at the World Food Prize Hall of Laureates in **Des Moines**.
- In 2009, over 500 people came together in **Des Moines** to jointly honor **Senators Charles Grassley** and **Tom Harkin** for all they have done together for Iowa. It was the first time ever that these two political leaders have ever been recognized at the same time on the same stage.
- Former **Senator John Culver**, former **Representative Jim Leach** and **Dr. Ignacio Ponseti** of the University of Iowa were honored in 2008 in **Coralville**, with collaboration of the President of the University of Iowa.
- **George Washington Carver**, and the Iowa institutions that extended to him opportunities to receive an education, were highlighted in 2007 in **West Des Moines**. That event took place on April 14, Emancipation Day, which celebrates the first freeing of slaves in 1863 in the District of Columbia, and was preceded by a special ceremony in the Iowa House of Representatives. The World Food Prize takes great pride in having its event be one of the most significant observances of Emancipation Day anywhere in America.
- **John Deere**, the man and the company, were the focus of the 2006 dinner in **Cedar Falls**. Deere and Co.

# THE WORLD FOOD PRIZE

Chairman and CEO Robert Lane was the keynote speaker.

- Former Vice President Walter Mondale and former Governor Robert Ray were honored for their work on behalf of refugees from Southeast Asia at a Hoover Wallace Dinner in 2005 in Des Moines.

## Supporting the Arts in Iowa to Inspire the Struggle against Hunger

The World Food Prize is dedicated to using artwork and storytelling in its partnerships and programs, and at the new World Food Prize Hall of Laureates, to preserve Iowa's unique agricultural and humanitarian heritage.

The World Food Prize takes pride in integrating the arts into its annual programs and holding events in some of Iowa's most attractive facilities. Amb. Kenneth Quinn believes that there is a significant role for music, poetry, painting, architecture and literature in inspiring breakthrough achievements in the struggle against hunger and in preserving the legacies of our state's greatest heroes.

The World Food Prize has made it a priority to bring to life Iowa's rich **agricultural and humanitarian heritage** through **artwork and storytelling** elements in the **World Food Prize Hall of Laureates**. To all who visit, the abundant artwork and many storytelling features collectively convey the achievements of Dr. Norman Borlaug as well as America and Iowa's humanitarian and agricultural heroes who have fed the world. Included are: Herbert Hoover, Henry A. Wallace, George Washington Carver and Jessie Field Shambaugh, the "Mother of 4-H." Iowa's legacy of feeding the world is preserved to inspire future generations of scientists and hunger advocates and to convey to all who visit Iowa's amazing history and rich legacy.

In 2016, the World Food Prize unveiled a new artwork by Iowa artist Clint Hansen entitled "Two Interesting Stories." Commissioned by Ambassador Kenneth M. Quinn, the sketch board creation tells the story of Chinese President Xi Jinping's special connection to Iowa and his friendship with Governor Terry Branstad, as well as that of Xi's father Xi Zhongxun who visited Iowa in 1980.

**The World Food Prize Laureate Award Ceremony** at the Iowa State Capitol each year is an opportunity to **bring internationally renowned musicians and performers to Iowa and to showcase Iowa artists before an international audience**, through the live coverage of the ceremony over IPTV and webcast.

In 2016 we were thrilled and delighted to have Grammy Award Winner Leslie Odom, Jr., most recently seen in the Broadway musical *Hamilton*, for which he won the Tony Award for Best Leading Actor in a Musical for the role of "Aaron Burr, perform for our 2016 Laureates. At the ceremony he performed two songs and closed the Laureate Award Ceremony by performing "If You're Out There." A call to all of those around the world to help us solve the greatest challenge that humans will ever face – can we sustainably and nutritiously feed the 9 billion people who will be on our planet by 2046?

In 2015, we were pleased to feature the musician Shama Rahman, a leading contemporary artist from Bangladesh, who happened to be our Laureate's favorite performer. At the ceremony, she performed two songs of inspiration that exemplified the struggles and solidarity of the Bengali people. Ms. Rahman uses her music to build friendships across cultural boundaries and performs for audiences across the globe.

In 2014, we were pleased to feature the musician Kavita Shah, a young, inspiring jazz artist whose background parallels that of the 2014 Laureate; she is of Indian ethnicity but her fascination and focus is centered on Latin America. Ms. Shah performed two songs, *Chaki Ben* and *Moray*. *Moray* is an original piece that Ms. Shah composed herself during a

# THE WORLD FOOD PRIZE

visit to Peru while standing in a spiritual place in the mountains. Two other musicians performed with her: Rogerio Boccato on percussion and Miles Okazaki on guitar.

The Iowa Youth Choir also performed *All This Joy*, a song written by John Denver, a friend of Dr. Borlaug, which originally premiered at the 1996 Laureate Award Ceremony as a special tribute to the World Food Prize Laureates. Finally, Mariachi Azteca! concluded the ceremony with a marching fiesta that led the attendees to the rotunda for dinner.

Included among the featured artists who have taken part in this ceremony in the past are: Ray Charles; John Denver; the Tokyo String Quartet; Iowa opera legend Simon Estes; the world-renowned Israeli singer Noa; the Bryant Park String Quartet from New York City; Iowa musical prodigy Hanna Wolle; Miss Iowa 2009 (and former Borlaug-Ruan Intern) Anne Michael Langguth; Iowa singer-songwriter Carol Montag; Monica Yunus from the Metropolitan Opera in New York; rising Broadway actress Eleasha Gamble; the renowned Philander Smith College Gospel Choir from Little Rock, Arkansas; Russian opera prodigy Alex Prior; Ethiopian pop star Chachi Tadesse; Madou Dembele and Euphrasie Johoun from West Africa; the Kathak Gunjan Dance Troupe from India; and our own Iowa Youth Chorus.

In addition, the World Food Prize has held four free public concerts in conjunction with the World Food Prize. In 2013, we presented a free concert by the Bryant Park String Quartet at the Des Moines Art Center. In 2012, the World Food Prize presented a free public concert by the Tokyo String Quartet in cooperation with the Des Moines Symphony and BRAVO Greater Des Moines. In 2001 and 2002, the World Food Prize hosted concerts for over 2,500 persons featuring the entire Des Moines Symphony Orchestra. The 2002 concert at the C.Y. Stephens Auditorium in Ames included a performance by the legendary singer Ray Charles. The latter two concerts featured performances of movements from "Symphony to the Prairie Farm," an original musical composition by Emmy-Award winning composer Steve Heitzeg, commissioned by the World Food Prize in honor of Dr. Norman Borlaug.

Apart from the \$3 million of art in the Hall of Laureates, over the past decade the Foundation has commissioned: an original symphony in honor of Dr. Borlaug; approximately 15 original paintings; a suite of poems; and the composition of an original choral piece; all by Iowa artists. Other partnerships and work with artists include the following projects:

- In 2012, the World Food Prize hosted the **Bryant Park String Quartet** from New York City, and sponsored a free public concert at the **Des Moines Art Center** by this talented group. The Quartet also gave free master classes to young, aspiring Iowan musicians, all paid for by the World Food Prize.
- In 2011, The World Food Prize, through its partnership with the Sasakawa Foundation and Nippon Foundation in Japan, brought the world renowned **Tokyo String Quartet** to Iowa and offered a free, public concert at the **Temple for the Performing Arts**, attended by an overflow crowd of several hundred Iowans. The Tokyo String Quartet also gave fee classes to Iowa music students.
- In 2010, the Laureate Award Ceremony included a performance of "**The Iowa Waltz**," written by noted Iowa City songwriter Greg Brown and performed by Iowa singer-songwriter Carol Montag, which was viewed live and was also broadcasted statewide and internationally through the first-ever webcast of this event.
- In 2007, the World Food Prize was pleased to commission the original choral piece entitled, "The Laureates Call," by an Iowa composer. It was performed at the World Food Prize Laureate Ceremony at the **Iowa State Capitol**, and was subsequently made available to all Iowa high school choirs and musical groups at no cost to those schools.
- As part of the 2005 World Food Prize (which was presented to a native of India), the World Food Prize sponsored several showings of an IMAX film about India at the **Science Center of Iowa**, which drew several thousand people to view it over a several week period, including hundreds of Iowans of Indian heritage from

# THE WORLD FOOD PRIZE

across the state.

- The World Food Prize in 2004 with the support by Arthur Neis sponsored a month-long exhibit entitled “A Bountiful Harvest” at **Capital Square** in Des Moines by the renowned photographic artist Chee Wang Ng of Malaysia. Chee had earlier in his life studied in Iowa.
- In 2002, the World Food Prize held a second **free concert for over 2,500 guests** at **CY Stevens Auditorium** in Ames, featuring the Des Moines Symphony Orchestra and **Ray Charles** singing “America the Beautiful.”
- In 2001, the World Food Prize commissioned the writing of a Symphony in honor of Dr. Borlaug, the premier of which was performed by the Des Moines Symphony Orchestra. **Over 2,500 people attended without charge at the Des Moines Civic Center.**
- The World Food Prize has also **presented to every high school in Iowa** a copy of Dr. Borlaug’s biography entitled, “The Man Who Fed the World,” by Leon Hesser.
- The World Food Prize has held receptions, dinners and public programs at Iowa attractions, including: the **Des Moines Art Center**, the **Des Moines Public Library**, the **Salisbury House**, the **Temple for Performing Arts** and **Living History Farms**.
- The World Food Prize has held several events at the **Iowa Historical Museum** and separately provided financial support to the museum for a traveling exhibit about the life of George Washington Carver. The World Food Prize was also a sponsor of the 25<sup>th</sup> Anniversary Gala at the Museum sponsored by the Iowa Department of Cultural Affairs.
- The World Food Prize provided financial support to the creation of the **Iowa Public Television documentary on Henry A. Wallace entitled *American Dreamer***. It also made a financial contribution to facilitate the production in 2001 of “**Out of Iowa: Borlaug and the Green Revolution**,” an IPTV original program shown each year as part of World Food Prize Week.
- The World Food Prize president Ambassador Kenneth Quinn played a leadership role in supporting the design and establishment of the **Robert D. Ray Asian Garden**, honoring Iowa’s humanitarian leadership on behalf of food-deprived refugees from Southeast Asia.
- The World Food Prize commissioned a painting of **Dr. Norman Borlaug’s boyhood home in Cresco** by Douglas Eckheart of **Decorah**, as well as 15 other original paintings by Iowa artists from **Grimes** and **Carlisle** of the World Food Prize Laureates.

# THE WORLD FOOD PRIZE

## HOSTING REGIONAL, NATIONAL AND INTERNATIONAL CONFERENCES AND GATHERINGS AT THE HALL OF LAUREATES TO PROMOTE TOURISM IN IOWA AND PRESERVE IOWA'S AGRICULTURAL AND HUMANITARIAN HERITAGE FOR ALL IOWA CITIZENS

From October 2009 to October 2011, the World Food Prize Foundation embarked on a \$29.8 million restoration effort to transform the century-old Des Moines Public Library building into the World Food Prize Hall of Laureates, giving this Iowa architectural landmark a new identity and renewed sense of purpose for the next 100 years while preserving its historic integrity of the past 100 years. **Based on professional estimates, this construction project was a significant economic stimulus that added between 550 and 800 jobs a year and involved over 25 subcontractor firms** in different aspects of the construction project. The Hall of Laureates was unveiled at the time of the Foundation's 25<sup>th</sup> anniversary in October 2011, as the World Food Prize welcomed hundreds of global scientists and scholars.

In 2016, as the Hall of Laureates celebrated its five-year anniversary, this historic building welcomed thousands of visitors from Iowa, the United States and around the world. Altogether, over to 20,000 guests came to the Hall of Laureates, and the building hosted close to 290 tours and private events. Of special note is the fact that despite a snow storm almost 1,000 persons attended our Holiday Open House 2016 in December, which featured live Christmas music, Santa and Mrs. Claus and was open to the community free of charge. In 2015, with much better weather, over 3,200 persons attended two Open House events.

Since its unveiling, the Hall of Laureates has served as a public museum, as an educational facility and as a convocation center. Over the past four years, this architectural treasure has been a popular place of interest and destination point for a variety of different audiences, welcoming close to 70,000 community members, Iowans from across the state, global scholars, scientists, agribusiness leaders and hunger advocates.

One of the most significant events of the 2016 was the reception hosted by Iowa Governor Terry Branstad at the summer meeting of the National Governors Association, which highlighted Iowa's heritage for all of the visiting US governors. During that NGA Conference, at Governor Branstad's request, Ambassador Kenneth Quinn chaired a panel of Governors highlighting key issues in Agriculture of importance to Iowa.

Over the past several years, the Hall of Laureates has been the venue of choice to numerous business and civic organizations from the community, across the state, and around the world. These entities have chosen to hold their conferences and special gatherings in the global headquarters of the World Food Prize:

- The February 16, 2012, keynote address by then Chinese Vice President Xi Jinping to open the high-level U.S.-China Agriculture Symposium hosted by the World Food Prize and featuring the U.S. Secretary of Agriculture and the Chinese Minister of Agriculture
- The culminating dinner hosted by Governor Terry Branstad for the Iowa-Hebei 30th Anniversary celebration of our Sister State relationship;
- The signing ceremony on February 15, 2012, between U.S. commercial exporters and Chinese material companies for the purchase of \$3.5 billion in Iowa and U.S. Soybeans;
- The signing ceremony of USDA and the World Food Prize Foundation in December 2016, as U.S. Secretary of Agriculture Tom Vilsack and Ambassador Kenneth Quinn signed a Memorandum of Understanding to formally extend the Wallace-Carver Fellowship Program for high school and college students;
- The Midwest STEM Forum, hosted by the Iowa Governor's Stem Advisory Council and bringing together business, work force and education and STEM leaders from 9 Midwest states;

# THE WORLD FOOD PRIZE

- The North Central Region meeting of Land Grant University Deans of Agriculture and Directors of Extension, hosted by Iowa State University, which was attended by the leadership of the Colleges of Agriculture of the 12 upper Midwest states;
- The Iowa STEM Council Informal STEM Educator's Network, which held the first ever retreat to bring together informal educators from all across Iowa to develop strategies for Iowa's informal education network to strengthen STEM in our state. Diverse groups participated, including museums, libraries, Iowa State Extension, Girl Scouts, after school programs, science centers, STEM Regional Network Hubs, and more;
- The exhibition of the Iowa First U.S. China Week Art Exhibit featuring distinguished Chinese artists and 30 years review of LiTieshu's roving exhibition of Gouache, sponsored by Chinese Chamber of Commerce of Iowa, Chinese Association of Iowa, and the Iowa Soybean Association and The Soyfoods Council;
- The unveiling of the "40 Chances Finding Hope in a Hunger World" – a photography exhibit in October 2013 by Howard G. Buffett which remains on display at the Hall of Laureates;
- The presentation of the Norman Borlaug Medallion to U.S. Secretary of Agriculture, Tom Vilsack and USDA in December 2016.

In addition, various celebrations have also been held at the Hall of Laureates, including:

- International Women's Day, hosted by League of Women's Voters and Oxfam America featuring a keynote address by Senator Joni Ernst;
- Earth Day observance, in collaboration with The Science Center of Iowa and The Des Moines Botanical Center;
- Des Moines Area Hunger Hike, raising awareness of the plight of hungry people every October;
- As part of RAGBRAI, welcoming all participants to explore and experience the Hall of Laureates;
- Annual presentation each October of the Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation.

The Hall of Laureates has also been the site for multiple community events and meetings at little or no cost, including for Leadership Iowa, Polk County, City of Des Moines, Iowa Sister States, Greater Des Moines Partnership, Community Foundation of Greater Des Moines, Robert D. Ray Society of Drake University, Self Help International of Wartburg, Iowa FFA, the Governor's STEM Advisory Council, the Count the Kicks Foundation and the Des Moines Police Department.

In its role as a public museum and educational facility, the Hall of Laureates has been a place of learning and inspiration for all who visit. During its public open house hours, the building is accessible to the community for tours, free of charge. The World Food Prize has continued its Laureate Society, the docent program established at the Hall of Laureates through which a dedicated and well-informed group of volunteers provide meaningful and engaging tours to visitors.

Notable visitors to the building in previous years have included President of Iceland Olafur Grimsson, Cardinal Peter Turkson of the Vatican, and former Prime Minister of United Kingdom Tony Blair.

While unveiled in October 2013, the highly-popular and well-received 40 Chances photography exhibit by Howard G. Buffett focusing on hunger and poverty both in the United States and abroad, has welcomed several thousand enthusiastic viewers. Because of its popularity and appeal to the community, the exhibit will remain open indefinitely for all Iowans to enjoy.

# THE WORLD FOOD PRIZE

With its many historic elements, this magnificent Iowa landmark has become a sought out venue among brides and grooms and a record 22 weddings were held in the unique and beautiful rooms of the Hall of Laureates in 2016. Many more are scheduled for 2017 as the venue becomes an increasingly popular destination point.

## Highlighting Tourist Destinations across Iowa

Since 2000, as part of the World Food Prize events each October, Mrs. Le Son Quinn, wife of Foundation President Ambassador Kenneth Quinn, has led an annual spouses tour to places of historic and tourist interest in Iowa for the guests and spouses of World Food Prize laureates, Council of Advisors members and international attendees.

In 2016, the tour went for an outing to Pella, Iowa, to enjoy the historic Dutch town center and other attractions in this charming community located southwest of Des Moines.

In past years the trip has taken spouses to locations in and around Des Moines, and to sites across Iowa, including:

- The Scenic Railroad in Boone
- The Amana Colonies
- The Hoover Presidential Library at West Branch
- Pella's Historic Dutch town center
- The Neal Smith Wildlife Refuge
- The GARST Farm at Coon Rapids
- The Norman Borlaug boyhood home outside Cresco
- The Henry Wallace home in Orient
- The Covered Bridges of Madison County
- The Danish historic windmill and museum at Atlantic
- Louis Sullivan Bank Building and the Falconer Art Museum in Grinnell
- Reiman Gardens at Iowa State University in Ames
- Terrace Hill, the Papa John Sculpture Garden, Des Moines Art Center in Botanical Garden

## Achieving LEED Platinum Energy Certification at the Hall Of Laureates and Creating a National Landmark of Energy Efficiency

The Hall of Laureates maintains its status as a LEED Platinum building, the highest possible rating by the U.S. Green Buildings Council for leadership in energy efficiency and environmental design.

An incredibly difficult feat to accomplish in a century-old building, the award is significant, as only a handful of 19th-century designed buildings in the entire country are both on the National Register of Historic Places and have also earned LEED Platinum rating. No other building in Iowa has ever held both designations.

The World Food Prize proudly displays its special LEED Platinum exhibit on the garden level of the Hall of Laureates. The exhibit shows the many energy efficiency features of the building and their impact on environmental sustainability, and teaches visitors how these environmentally friendly features work.

This project is a national model of success for transforming treasured, aging buildings into usable, energy efficient, and technologically-friendly facilities. Key features and achievements in the green renovation process include:

- Procuring 90 US manufactured highest efficiency solar panels available in the world, which are placed on the roof in a way that cannot be seen, so that they do not detract from the overall historic appearance of the

# THE WORLD FOOD PRIZE

building;

- Drilling 102 geothermal wells in the garden, each of which goes more than 200 feet deep in the ground, to help heat and cool the building using the Earth's energy;
- Creating an 8,000 gallon cistern under the new grand east staircase to collect storm-water run-off and provide a gray-water system for the building and the garden's highly efficient irrigation system;
- Procuring over 20% of construction and renovation materials from within 500 miles of the project, which included harvesting matching stone from an abandoned railroad bridge because the original quarry is now a state park; using recycled materials in the metal fence and repurposed granite in the curbing and planting circles of the garden;
- Installing concrete paving with a very high light reflectivity index; and
- Utilizing a drip irrigation system throughout the beautiful public garden.



# THE WORLD FOOD PRIZE

## STAFF BUDGET AND EXPENDITURES

In 2016, the World Food Prize Foundation continued to function at its **reduced staff level reflecting the 16% cut in personnel** that had been made in 2015. It now has 10 full-time employees and one part-time employee. It is further assisted by occasional temporary staff as part of its October events and, about 25 unpaid college interns, and over 40 volunteer docents who provide tours of our Hall of Laureates to the public, as admission is free of charge. Despite maintaining this staff reduction, the Foundation's work and progress has not been compromised in any way; however, this decision has resulted in financial savings opportunities for the Foundation.

**In 1999, the World Food Prize Foundation had just two employees and just four sponsors** in addition to the State of Iowa. Reflecting the greatly increased support and interest from the private sector, and efforts by the World Food Prize to build meaningful programs and support, today the Foundation has over 80 private contributors at various levels of sponsorship. These sources provide the great majority of the funds expended by the World Food Prize, and have assisted us in growing our programming to make our Foundation a world-class institution. Comprised of foundations, corporate entities and individuals, World Food Prize donors collectively find great value and appeal in the programs implemented by the Foundation, which has cultivated a strong donor pool of engaged contributors.

In its report to the Legislature in December 2015, the World Food Prize estimated that in CY 2016, its expenditures would be approximately \$3.5 million. In fact in CY 2016, its year-end recurring expenditures were \$3,707,920.22.<sup>1</sup> These increased expenditures resulted from record breaking attendance at the annual Borlaug Dialogue and the Global Youth Institute in October 2016. Against this amount, the World

Food Prize applied approximately \$1 million from funds provided by appropriations from the State of Iowa (\$500,000 of the \$1,000,000 appropriation on July 1, 2015, to cover expenses during the period January 1 to June 30, 2016; and approximately \$500,000 of the \$1 million appropriated on July 1, 2016, to cover expenses during the period of July 1 through December 31, 2016). The remaining \$500,000 of the \$1 million appropriated on July 1, 2016 will be utilized to cover World Food Prize Foundation planning, operations and program implementation during the first half of CY 2017.

**None of the money received from governmental sources was used neither as part of the \$300,000 World Food Prize Laureate Award in CY 2016, nor the \$10,000 Dr. Norman E. Borlaug Award for Field Research and Application prize money. Governmental funds are also not used to pay for food or beverages at any of the social functions which are held as part of any World Food Prize event. None of the funds received from the State of Iowa standing appropriation are used for any international staff travel nor for bricks and mortar construction.**

The endowment created by John Ruan Trust continues to provide the solid foundation upon which all the World Food Prize programs are built. The funds for the annual \$250,000 prize come from these investments. In addition, the Ruan companies – Bankers Trust and Ruan Transportation Management Systems – provide generous additional support.

Attached to this report is an outline of expenditures during CY 2016 made by the World Food Prize in support of the administration, planning and implementation of all of the programs listed in this report, as well as the operation of the buildings and facilities in which they take place or will take place including the Hall of Laureates. Salaries and benefits for World Food Prize staff are apportioned to the various programs and project elements of the budget which

---

<sup>1</sup> *The Foundation had one additional non-recurring expenditure of \$150,000 in 2016, which was a payment to a recipient in Africa as part of the 40 Chances Fellows program that was established in 2013 by Howard G. Buffett and Tony Blair in partnership with Ambassador Kenneth Quinn and the World Food Prize Foundation. This is a one-time-only program, as the expenditures are not recurring and thus not included in our total annual expenditures.*

# THE WORLD FOOD PRIZE

individual staff members manage. The funds obtained from the State of Iowa are used to defray part of these expenses, with the exceptions noted in the above paragraph.

An audit of the World Food Prize financials is consistently conducted and completed by the local division of KPMG LLP, a U.S. audit, tax and advisory services firm.

We anticipate that expenses for these programs may increase slightly over the next several years as participation in the Borlaug Dialogue and Global Youth Institute continues to expand, and the expenses associated with the operation and maintenance of the Hall of Laureates as a museum and educational facility are incurred.

Based on the above, the amount of program expenditures by the Foundation during CY 2017 are estimated to be approximately the same as those made in CY 2016, approximately \$3.7 million.

As a result of these anticipated expenditures in 2017 in promoting Iowa economic development and education, **full funding by the State of Iowa of the World Food Prize \$1 million standing appropriation is requested** in order to ensure that those programs, which Dr. Norman Borlaug created, and the Hall of Laureates which honors his legacy, will be sustained for the benefit of the Iowa citizens who participate in them, and Iowa high school students who learn about Iowa's great agricultural and humanitarian heritage.

# THE WORLD FOOD PRIZE

## THE WORLD FOOD PRIZE FOUNDATION CY 2016 ANNUAL EXPENDITURES

<b>Borlaug Dialogue International Symposium</b>	<b>\$691,989.41</b>
Travel and lodging for speakers, special participants	
Travel and lodging for World Food Prize Laureates/Council of Advisors	
Brochure design, printing and mailing	
Iowa Hunger Summit	
International Symposium, including setup, audio/visual	
Catering	
Ground transportation	
Temporary staff Security	
World Food Prize staff support	
<b>World Food Prize – Cash Awards</b>	<b>\$310,000</b>
World Food Prize Laureate Award	
Borlaug Field Award	
<b>Global Youth Institute and International Internships</b>	<b>\$846,675.32</b>
<b><i>Borlaug Ruan International Internships</i></b>	
Travel, room and boarding	
Intern stipends	
International medical insurance Intern	
interviews and orientation Administrative	
supplies	
Chrystal/Szymoniak Award – printing of books	
<b><i>Global Youth Institute</i></b>	
Lodging and meals for students and teachers	
Ground transportation	
Teacher Professional Development program	
Iowa Youth Institute	
Mathile National Expansion Program	
World Food Prize staff support	
<b>Laureate Award Ceremony</b>	<b>\$365,117.62</b>
Ceremony production in House Chamber	
Dinner in Rotunda, including tables, décor, catering	
Laureate Selection Committee meeting	
Laureate Sculpture fabrication	
Invitation to Nominate brochure design, printing and mailing for laureate selection process	
World Food Prize staff support	

# THE WORLD FOOD PRIZE

<b>Special Events and Communications</b>	<b>\$246,884.93</b>
Laureate Announcement Ceremony (Washington, D.C.)	
Annual Report design and printing	
World Food Prize Day at the Capitol	
Norman Borlaug Award for Field Research and Application Ceremony	
Website	
Photography	
Laureate and Borlaug Centennial Video production and recording	
Advertising	
Street signs and banners	
World Food Prize staff support	
<b>Hall of Laureates Operations</b>	<b>\$760,851.91</b>
Utilities	
Maintenance & Repairs	
Security	
Insurance	
Garden	
Cleaning	
World Food Prize staff support	
<b>Foundation Administration</b>	<b>\$486,401.03</b>
Personnel – general administration	
Professional and audit fees	
Fixed asset acquisition (technology, software, furniture)	
Office supplies and monthly office expenses	
Staff training	
Printing and mailing	
Database support	
Equipment rental Staff	
Travel	
401(k) and group insurance	
<b>Total Annual Expenditures</b>	<b>\$3,707,920.22</b>
<hr/>	
<b>*Additional Non-Recurring Expense – 2016</b>	<b>\$150,000.00</b>
Howard Buffett Foundation 40 Chances Prize	
Cash prize paid to recipient	
<b>Total Annual + Non-recurring Expenditures</b>	<b>\$3,857,920.22</b>