THE WORLD FOOD PRIZE®

Foundation

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1914-2009

John Ruan
1914-2010

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College of Agriculture and
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Professor of Intl. Development
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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

December 31, 2014

Ms. Carmine Boal

Chief Clerk

House of Representatives

1007 East Grand Avenue

Iowa State Capitol Building

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 2014.

Sincerely,

Ken Quinn

Ambassador Kenneth M. Quinn (ret.)

President

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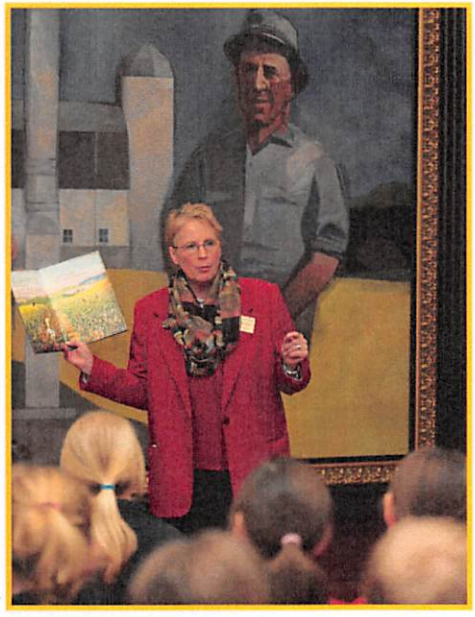
THE WORLD FOOD PRIZE

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 2014

Submitted
December 31, 2014

2014: THE STATE OF IOWA CELEBRATES THE NORMAN BORLAUG CENTENNIAL



THE WORLD FOOD PRIZE

2014 REPORT TO THE LEGISLATURE
EXECUTIVE SUMMARY
Continuing Norman Borlaug's Legacy Through a Private-Public Partnership

Promoting Economic Development and Tourism for Our State; and Providing Unique Educational Opportunities for Young Iowans Honoring our State's Greatest Hero

In 2014, the World Food Prize Foundation had a historic year. We were incredibly honored to collaborate with the State of Iowa to celebrate the Centennial Observance of the birth of our founder and Iowa's greatest hero, Dr. Norman E. Borlaug, as we unveiled Dr. Borlaug's statue in the U.S. Capitol during a truly momentous ceremony.

The World Food Prize was pleased to provide the leadership of the Norman Borlaug Statue Committee, as well as funding to support World Food Prize President Ambassador Kenneth M. Quinn's travel during his role as chair of the committee, and additional staff time and other administrative costs associated with the fabrication and installation of the Borlaug Statue in the U.S. Capitol.

In addition this year, we worked to honor his legacy by bringing global attention to our state by: gathering international leaders as we honored eminent wheat breeder Dr. Sanjaya Rajaram as the 2014 World Food Prize Laureate for significantly increasing global food production through his development of more than 480 high-yielding, nutritious wheat varieties; expanding educational opportunities for Iowa high school students around the state and welcoming more than 400 Iowa students and teachers to our youth institutes; attracting exceptional conferences and tourists to our state at our headquarters, the Dr. Norman E. Borlaug World Food Prize Hall of Laureates; and hosting more than 100 events there to promote economic development for Iowa.

HONORING OUR STATE'S GREATEST HERO

One hundred 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.

2014 WORLD FOOD PRIZE BY THE NUMBERS

Over 1,300 business leaders, officials and scientists representing more than 60 countries attended the Borlaug Dialogue international symposium and events

Over 600 statewide leaders participated in the 8th annual Iowa Hunger Summit

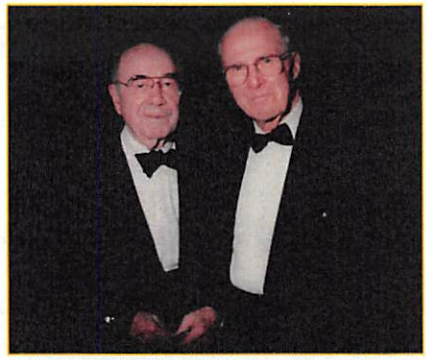
More than 400 Iowa students, teachers and experts attended our third Iowa Youth Institute promoting STEM at Iowa State University in April

320 students and teachers collaborated at our Global Youth Institute in October

Over 120 journalists registered to attend the World Food Prize events in October, including 35 international journalists from 15 countries

Over 15,000 people have visited the Hall of Laureates during 102 special events and 111 public open houses

Over 375 organizations are profiled in our online Iowa Hunger Directory



Twenty-four 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 leaders and youth in our state.

In 2014, 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 executive summary and the following, more detailed report.

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 Amb. 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 our home state of 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 "the most significant observance of World Food Day anywhere around the globe." During CY 2014 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 2014, while also outlining the efforts made by the World Food Prize Foundation, especially over the past 15 years under Amb. Quinn's leadership, to build our organization into a great asset for the State of Iowa, promoting economic growth, providing unique educational opportunities for young Iowans, and building community.

"The World Food Prize Borlaug Dialogue international symposium has become the premier conference in the world on global agriculture."

~Sir Gordon Conway

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

- Promoting Economic Development;
- Providing Extraordinary Educational Opportunities for Iowa High School Students;
- Holding events with Statewide Outreach to Iowa Communities;
- Hosting International Conferences and Enhancing Tourism at the Hall of Laureates; and
- Celebrating Our State and Preserving Iowa's Heritage.

PROMOTING ECONOMIC DEVELOPMENT AND RAISING IOWA'S PROFILE

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."

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 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 **"The Greatest Challenge in Human History: Can We Sustainably Feed the 9 Billion People on Our Planet by the Year 2050?"** The 2014 World Food Prize was awarded to a plant breeder, Dr. Sanjaya Rajaram, who followed directly in the footsteps of his mentor Dr. Borlaug, working in Mexico in the fields with farmers and in the laboratory, eventually developing and releasing wheat varieties in 51 countries on six continents, which have been grown on approximately 58 million hectares. In addition to producing significant yield gains, these varieties also have shown improved disease resistance and have adapted well to different soils and climate conditions across the world. He is revered for his role in creating a prodigious increase in world wheat production – by more than 200 million tons.

The conversations and keynotes at the Borlaug Dialogue focused on the enormous and unprecedented challenge our world currently faces of feeding our growing population. As was evident in the addresses and discussions of this year's symposium, the Borlaug Dialogue is clearly recognized as the annual forum where the world's foremost leaders and thinkers gather to assess international community's and global agriculture's collective progress in meeting this challenge.

In 2014, over 1,300 individuals from 60 countries attended the conference, with addresses by leaders including:

- Ernest Bai Koroma, President of the Republic of Sierra Leone
- Kanayo F. Nwanze, President, United Nations International Fund for Agricultural Development
- Pamela Anderson, Director of Global Agriculture, Bill and Melinda Gates Foundation
- Top executives of leading food and agribusiness companies including DuPont Pioneer, Monsanto, Walmart, PepsiCo, Nestle, Land O'Lakes and Bayer CropScience
- Ministers of Agriculture of Liberia, Sierra Leone, and Rwanda
- Thomas J. Vilsack, Secretary of Agriculture, United States
- Enrique Martinez y Martinez, Secretary of Agriculture, Mexico
- Charles Rivkin, Assistant Secretary of State for Economic and Business Affairs, U.S. State Department
- International governmental and non-governmental leaders from around the globe such as the UN Food and Agriculture Organization, Clinton Global Initiative, Bill and Melinda Gates Foundation and Oxfam America
- Smallholder farmers, students and world-renowned scientists.

> *"The World Food Prize Borlaug Dialogue is really the preeminent gathering of experts and advocates working to eliminate hunger and food insecurity around the world. This year's theme challenges us with one of the most pressing problems of our generation—How can we feed nine billion people by the year 2050?"*
>
> *~Howard W. Buffett*

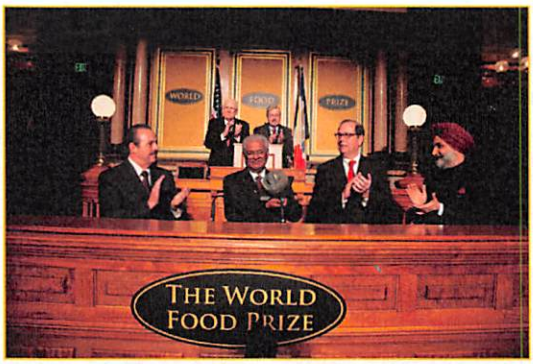
THE WORLD FOOD PRIZE

Following Governor Branstad's initiative, the president of the World Food Prize Foundation met with senior state officials during 2014 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 2015 Borlaug Dialogue can provide even greater opportunities for the state.

"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

At the 2014 Borlaug Dialogue, the Ministers of Agriculture of Liberia, Sierra Leone, and Rwanda joined Howard W. Buffett and Amb. Quinn in recognizing four outstanding young social entrepreneurs as 40 Chances Fellows. The ceremony marks the culmination of a year-long joint initiative of former Prime Minister Tony Blair, Howard G. Buffett and Amb. Kenneth Quinn promoting innovative, market-based initiatives that reduce food insecurity, conflict or poverty in Liberia, Malawi, Rwanda and Sierra Leone.



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 **2014 World Food Prize Laureate Award Ceremony**. During this event, the $250,000 World Food Prize was presented to distinguished plant breeder Dr. Sanjaya Rajaram of India and Mexico. Over 800 people filled the House Chamber for the ceremony on the evening of October 16th, which was presided over by Governor Terry Branstad and **broadcast 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 2014 World Food Prize Laureate was announced in June 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, we announced the winner of a secondary award, the annual $10,000 **Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation**, during a major international development conference in Washington D.C. hosted by the United States Agency for International Development (USAID) with preeminent leaders in global development and agriculture in attendance. This award was created in 2011 and continues to garner significant attention each year.

Throughout the year, World Food Prize President Amb. Kenneth Quinn also represents the foundation and our state at several high-level gatherings. Notably this year, he spoke at the World Farmer's Organization in Argentina, at the Sasakawa Global 2000 Celebration of Norman Borlaug's Life in Uganda, and at a ceremony honoring Dr. Borlaug in Iran. In addition, he participated in a survey of child nutrition in Guatemala and spoke at two of the leading financial conferences in the world: The Milken Conference in Los Angeles; and the Sanya Forum in China. The World Food Prize staff also took part in events in Mexico and conferences in Washington, D.C. and Minneapolis this year.

THE WORLD FOOD PRIZE

PROVIDING EXTRAORDINARY EDUCATIONAL OPPORTUNITIES FOR IOWA 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 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 most significant recognition of the World Food Prize's leadership in youth education came in October 2014, when the National FFA organization conferred its highest honor – **the Distinguished Service Citation** – on the World Food Prize Foundation for the effectiveness of its Global Youth Institute, Borlaug-Ruan International Internships, Wallace-Carver Fellowships, and the Iowa Youth Institute and emerging state institutes nationwide.

Included among these opportunities for youth are:

The Iowa Youth Institute

The second annual Iowa Youth Institute at Iowa State University took place on April 14, 2014. With the extremely generous support of Paul and Claudia Schickler, the **Iowa Youth Institute** represents the World Food Prize's effort to expand its Global Youth Institute into every high school in Iowa over the next several years.

This program is at the leading edge of the effort to increase interest in and the study of STEM (Science, Technology, Engineering and Math) 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.

> *"Having been involved in the sponsorship of multiple students as both a teacher and school administrator since 2001, I have seen the significant development of life-long skills that the World Food Prize youth programs kindle in high school participants."*
>
> *~Nathan Marting, Jesup, IA Superintendent, Jesup Community School District*

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

On April 14, 2014, 233 Borlaug Scholars and their teachers from 120 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. Eighty 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. During 2014, the centennial observance of Norman Borlaug's birth, we made special efforts to build our relationship with schools statewide and expand the number of schools participating.

Global Youth Institute

In addition to a large array of international visitors, the World Food Prize attracted an additional 320 of the best and brightest high school students and their teachers from across Iowa, as well as from 23 other states and territories and six foreign countries to attend the **Global Youth Institute** in October. This year marked the **20th anniversary year** of the program during which the students attended speeches by world renowned leaders, presented their own research, and joined in hunger relief efforts.

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

Over the past 20 years, the Global Youth Institute program has developed into one of the most highly praised educational endeavors in America, which 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 come to Iowa to observe. In fact, the STEM Food & Ag Council held a meeting of its members in Des Moines during World Food Prize Week where it endorsed the World Food Prize Global Youth Institute as a national model for STEM education.

The Council, chaired by Lt. Governor Kim Reynolds and Dupont Pioneer President Paul Schickler, are promoting the Youth Institute model to all Lieutenant Governors, 4-H and FFA State Leaders, as well as agribusiness executives across the country.

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 the future 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 2014, a record number of 23 students participated in this program in 14 foreign countries. An Iowa student was selected as one of the two most outstanding International Interns honored at the 2014 Laureate Award Ceremony at the Iowa State Capitol for her summer soybean research in Brazil. We have a successful 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 may also apply to become **Wallace-Carver Fellows** at the U.S. Department of Agriculture. In 2014, 33 high school and college students were selected to participate, traveling to Washington, D.C. for a week-long high-level leadership program hosted by Agriculture Secretary Tom Vilsack at the USDA headquarters before beginning their paid internships at USDA research centers and offices across the country. Wallace-Carver Fellows 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.

George Washington Carver College Internship

Finally, in 2014, the World Food Prize welcomed 21 students from Iowa 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.

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 2014 **Iowa Hunger Summit** was a tremendous success, with over 600 participants and 34 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 2014 Iowa Hunger Summit 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.

Leading government officials also participated, including: Governor Terry Branstad; Lt. Governor Kim Reynolds; representatives of the Iowa General Assembly; Director Debi Durham of the Iowa Economic Development Authority; Mary Mosiman, Iowa State Auditor; Michael Fitzgerald, Iowa State Treasurer; and Iowa Secretary of State Matt Schultz.

Iowa Hunger Directory

The **Iowa Hunger Directory**, an initiative announced by the World Food Prize in October 2012, has grown to include over 375 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. 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 **twice monthly Hunger Directory Newsletter** shares information about innovative efforts and collaborations among Iowa's hunger-fighters with over 400 individuals, and our **Iowa Hunger Calendar** enables people across Iowa to identify and take part in hunger-fighting events in their own communities.

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. Since the series' inception in 2002, the World Food Prize has facilitated nearly 200 presentations in Iowa communities.

> *"There is no doubt that Dr. Gurdev Khush [1996 World Food Prize Laureate] may have changed a few lives during his visit and presentation to Hoover High School students. His conversation in the STEM classroom with the research students was second to none. Those students were thankful for the opportunity to meet and have a discussion with Dr. Khush."*
>
> *~ Maureen Griffin, Hoover High School Science School Improvement Leader*

HOSTING NOTEWORTHY CONFERENCES AND GATHERINGS AT THE HALL OF LAUREATES AND PROMOTING TOURISM FOR IOWA

In 2014, the World Food Prize celebrated three years 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, is now serving as an important destination point and place of inspiration and learning along with the many other landmarks open to visitors in our community.

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 the serving as the global epicenter of the struggle against hunger. In 2014, the Hall of Laureates welcomed over 15,000 Iowans and guests from the national and international arena.

This year, because of growing public and community interest, the Hall of Laureates extended its open house hours to include 3 additional days, so the building is now open for an average of 25 hours a week and community members have an enhanced opportunity to visit the building and experience its many storytelling elements and exhibits. The building is open to the public free of charge.

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 to 100 private events and 110 public open houses were held at the Hall of Laureates in 2014, welcoming all to experience this educational facility and public museum. Included among these gatherings were:

- Conference of the White House Task Force on Climate Preparedness and Resilience, making the Hall of Laureates one of four locations in the United States where such meetings were held.
- The 46th annual Midwest U.S.-Japan Conference Opening Reception, bringing together business leaders from Japan and the Midwest, the governors of six states and a delegation of Japanese officials to encourage and foster more trade and investment between Midwestern states and Japan.
- Canada Day celebration with the Consulate General of Canada, State of Iowa leaders, and special guests from the Province of Saskatchewan to recognize and celebrate the unique and enduring ties between Iowa and its largest trading partner.
- Hearing in the Heartland, announcing the Governor's and State Leaders' support for Renewable Fuels Standard.
- Retirement gathering in celebration of Police Chief Judy A. Bradshaw's 34 years of service as a police officer.
- The presentation of the third annual Norman E. Borlaug Award for Field Research and Application, endowed by the Rockefeller Foundation, to a Belgian scientist.

- The STEM Food and Ag Council's annual meeting, which is a national group chaired by Lt. Governor Kim Reynolds that promotes agricultural science as part of the STEM curriculum.
- The Global Insurance Symposium dinner, bringing together national and international regulators as well as state and federal government representatives to discuss changing regulations in the international insurance marketplace.
- Special gatherings, conferences and tours by business and civic organizations like Leadership Iowa, Wallace Center of Iowa, Iowa Sister States, Iowa Governor's STEM Advisory Council, Greater Des Moines Partnership Youth Leadership Initiative, Soil and Water Conservation Society, The Des Moines Convention and Visitors Bureau, the Des Moines Art Center, and many others.

Other special occasions and celebrations at the Hall of Laureates included:

Borlaug Centennial and Statue Unveiling Watch Party on March 25

As Dr. Borlaug's statue was unveiled in a historic moment at the U.S. Capitol, Iowans gathered at the Hall of Laureates to mark and celebrate this milestone moment in history. The World Food Prize held a live viewing of the webcast so the local community could experience the festivities. In addition, a full day of events was held to celebrate what would have been Dr. Borlaug's 100th birthday. The Hall of Laureates featured storytelling for children conveying the story of Dr. Borlaug's life; live painting of the Borlaug Day in Iowa artwork by artist Dick Shook; gallery talks with renowned Iowa artists like Gary Kelly; and cultural dances from India, Mexico and Africa – representing three regions of the world where Dr. Borlaug spent a great deal of his time.

Grand Opening of the Education Wing and Interactive Exhibits

In February 2014, on the 100th anniversary of the birth of John Ruan, Sr., who endowed the World Food Prize and was an advocate for youth, the World Food Prize Foundation unveiled its $1 million Educational Wing, located on the garden level of the Hall of Laureates. The exhibits feature interactive displays and touchscreens centered around the global challenges of feeding the world. Also featured in this area is a timeline depicting the history of agriculture; biographies of Dr. 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. This educational wing of the building has been very well-received by visitors. We endeavor to attract and impact countless new Iowa school groups and visitors of all ages with the addition of these new interactive displays.

Other Special Exhibits

The World Food Prize was very pleased to collaborate this year with National Geographic, and was able to bring a unique visiting exhibit to Iowa as part of the magazine's "Future of Food" series. The exhibit features photography from around the globe and infographics that educate the community about food and agriculture issues. With its focus on global hunger, this exhibit complements other storytelling elements in the building as well as Howard G. Buffett's 40 Chances photography exhibit, which remains on display in the building indefinitely.

CELEBRATING OUR STATE AND PRESERVING IOWA'S HERITAGE

Amb. 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, the World Food Prize donated a reproduction of original Iowa artwork depicting George Washington Carver and Mahatma Gandhi to Tuskegee University when he spoke there on the 150th anniversary of the birth of George Washington Carver, so that all may know the great legacy of this scientist, and of Iowa's role in offering him a strong education at Iowa State University.

In addition, 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 someone who has 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 recipient, Merry Fredrick, who for decades led the Waverly-based humanitarian organization SelfHelp International, was honored during the Iowa Hunger Summit.

Special Recognition: The Iowa Award

This year, as he marked 15 years of leading the World Food Prize Foundation and several more years serving the State of Iowa in various capacities during his years on loan from the State Department working for Governor Robert D. Ray, Amb. Quinn was incredibly honored to receive the State of Iowa's highest recognition, **The Iowa Award**. Upon receiving this tremendous honor from Governor Branstad, Amb. Quinn noted how significant it is that three persons who are associated with the World Food Prize have now received this honor: Norman Borlaug, John Ruan, Sr., and Amb. Quinn.

"I'm pleased today to announce that Ambassador Kenneth Quinn will become the twenty-third recipient of the Iowa Award," Governor Branstad said when he announced the award. "Ken personifies the characteristics and qualities that we Iowans strive to embody: integrity, philanthropy and service. Whether it be his humanitarian work on behalf of refugees from Southeast Asia while serving with Governor Robert D. Ray, his passion to continue the legacy of feeding the world started by Iowan Dr. Norman Borlaug, or his diplomatic career which included negotiating for American entry into Vietnamese prisons to search for prisoners of war, Ken has consistently put his state and country above self."

Amb. Quinn cherishes all of his time in Iowa, and said, "I was humbled beyond anything I could put into words when Governor Branstad informed me that I was to be the recipient of this singular honor. Throughout my career, whether at home or abroad, I have been guided and sustained by the core values that were instilled in me growing up in Iowa, and by our state's great agricultural and humanitarian heritage. I am so proud to be an American, and I am so proud to be an Iowan."

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 2014 to make Iowa be recognized as the "Hunger Fighting Capital of America and the World." To promote our home state, in CY 2015, the World Food Prize Foundation will continue to:

- 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.

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 new Hall of Laureates.

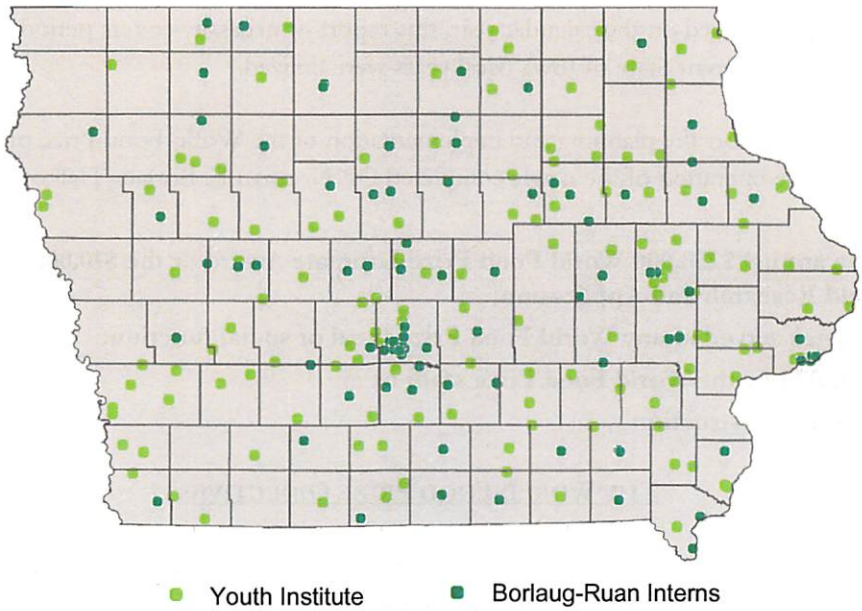
With the opening of the Hall of Laureates in October 2011, the annual baseline budget of the World Food Prize Foundation increased by approximately 25% to reflect the additional $750,000 in annual operations costs of this museum and educational and conference center. These new expenses as well as expanded participation in the World Food Prize youth education programs resulted in expenditures of $3.3 million in CY 2014. Estimated outlays in CY 2015 will be approximately $3.4 million, and will be $3.5 million in CY 2016. The **continual full funding of the World Food Prize Foundation Standing Appropriation of $1 million** in FY 2015 and FY 2016 will 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:

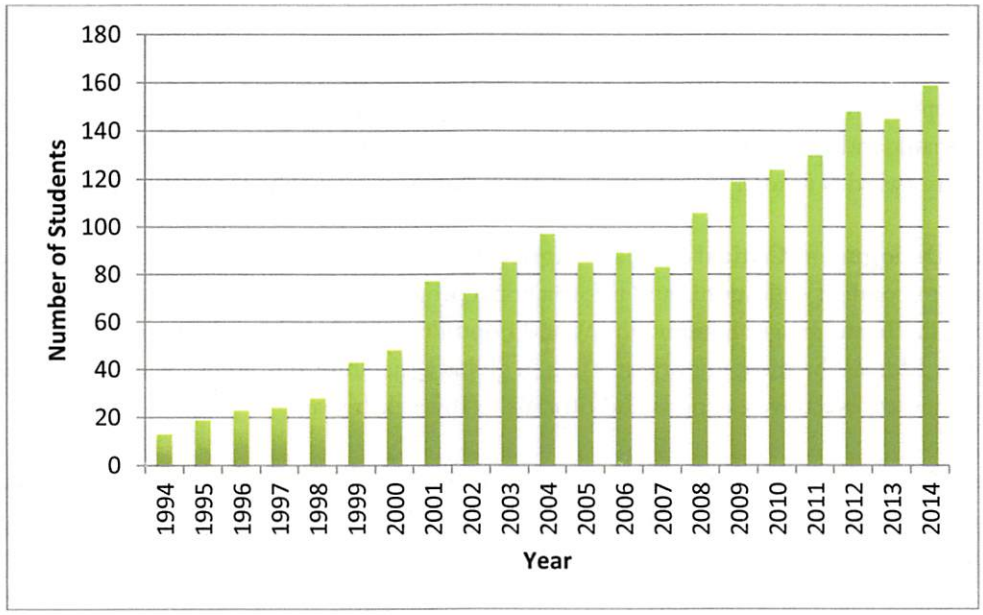
- **Any part of the annual $250,000 World Food Prize Laureate Award or the $10,000 Dr. Norman E. Borlaug Award for Field Research and Application;**
- **Food or beverages served at any World Food Prize meal or social function;**
- **International travel by the World Food Prize staff; or**
- **Bricks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

EXECUTIVE SUMMARY: APPENDIX
WORLD FOOD PRIZE STATS & FIGURES

World Food Prize Youth Programs
Participation by Iowa High Schools



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



THE WORLD FOOD PRIZE
REPORT TO THE IOWA LEGISLATURE – DECEMBER 31, 2014

This report is submitted as a follow-up to the report submitted on December 31, 2013. 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 moneys 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 State funds support the planning and implementation of the World Food Prize programs and events as outlined in this report and the operation of the newly completed Dr. Norman E. Borlaug Hall of Laureates. **State 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 goals are 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 the president of Mexico called "the Nobel Prize for Food and Agriculture."

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

- **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 Institute 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 and officials to Iowa each year.

  In the past 15 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 1,300 participants from more than 60 countries and 40 states.

- **Promote our Home State.** Our **Iowa objectives** are: to hold events and carry out programs that promote economic development and opportunities for Iowa businesses; draw conferences and tourist to Iowa at our Hall of Laureates; inspire Iowans to fight hunger; provide unique educational opportunities for Iowa students, teachers and the public; and preserve Iowa's agricultural and humanitarian heritage.

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 "**the most significant observance 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 as such, 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 2014, the World Food Prize Foundation planned and implemented a series of programs, projects and events to accomplish these goals, and has also built in major events throughout the year. This report summarizes all of those activities during CY 2014, while also outlining the efforts made by the World Food Prize Foundation over the past 15 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:

- The Norman Borlaug Centennial Observance (Special Section in 2014);
- Promoting Economic Development in Iowa;
- Providing Extraordinary Educational Opportunities for Iowa High School Students;
- Holding Events with Statewide Outreach to Iowa Communities;
- Hosting International Conferences and Enhancing Tourism at the Hall of Laureates;
- Celebrating Our State and Preserving Iowa's Heritage; and
- Supporting The Arts in Iowa to Inspire The Struggle Against Hunger.

DR. NORMAN BORLAUG CENTENNIAL OBSERVANCE
Special Section

When he returned to Iowa in 1999 to head up the World Food Prize, Amb. Quinn was dismayed to see how few Iowans, and especially Iowa students, knew about the amazing accomplishments of our founder and one of the world's greatest heroes, Iowa native Dr. Norman E. Borlaug. Amb. Quinn then made a personal commitment to do all that he could to make Iowans aware of Dr. Borlaug's great legacy.

The World Food Prize Foundation was honored this year to lead the way in global celebrations honoring the centennial anniversary of the birth of Dr. Borlaug. People worldwide held celebrations all aimed at honoring his legacy and inspiring future breakthrough innovations needed to feed the world during "the next Borlaug Century."

The Norman Borlaug Statue in the U.S. Capitol

In 2011, at Amb. Quinn's urging, the Iowa State Legislature passed a resolution which Governor Branstad signed to place a statue of Dr. Norman Borlaug in the U.S. Capitol in Washington, D.C.

Amb. Quinn was appointed by Governor Branstad to chair the committee to raise all of the funds and select the artist to create the statue of Dr. Borlaug. On October 16, 2012, the Governor and Amb.Quinn introduced Mr. Benjamin Victor as the artist the committee had chosen from the 65 artists who submitted a proposal.

On March 24, 2014, the Iowa Department of Cultural Affairs and the Iowa Borlaug Statue Committee held a press conference and a wonderful reception at the National Press Club in Washington, D.C., to celebrate the momentous occasion of Dr. Borlaug's statue being installed in the U.S. Capitol. And on March 25, 2014, the exact day that marked the 100th anniversary of Dr. Borlaug's birth, the bipartisan leadership of the U.S. Congress, along with Governor Branstad, U.S. Secretary of Agriculture Tom Vilsack, the Iowa Congressional Delegation and 300 Iowans and special guests, unveiled his likeness in bronze to permanently stand in Statuary Hall in the center of the U.S. Capitol. Dr. Borlaug's statue is unique among the other heroes standing in that hall; he is shown standing in a wheat field in his work clothes, illustrating the dedication and persistence that shows his true character and those traits which are needed to inspire the next generation to tackle global hunger and feed the world.

Proving that Borlaug's legacy crosses political party lines, remarks were given by House Speaker John Boehner (R-OH), Senate Majority Leader Harry Reid (D-NV), Senate Republican Leader Mitch McConnell (R-KY), and House Democratic Leader Nancy Pelosi (D-CA), along with USDA Secretary Tom Vilsack, members of the Iowa congressional delegation, Governor Branstad and Amb. Kenneth M. Quinn, President of the World Food Prize Foundation.

On that special day, Governor Branstad said, "This is a historic event for the State of Iowa and a celebration of our role in feeding the world. Dr. Borlaug is credited with saving an estimated one billion people around the world from hunger and starvation, so it's fitting that we honor this Cresco, Iowa native and great American hero for his extraordinary agricultural achievements on the 100th anniversary of his birth and National Agriculture Day."

Later that day, which was decreed National Agriculture Day nationwide, the U.S. Department of Agriculture and Dr. Borlaug's granddaughter, Julie Borlaug, in conjunction with the World Food Prize and several Land-Grant Universities, held a symposium for youth in agriculture, once again focusing on inspiring the next generation to continue Dr. Borlaug's plight. Several alumni of the World Food Prize youth programs participated as speakers at the conference.

In Iowa, the World Food Prize hosted an entire day of events on March 25 at the Hall of Laureates, including cultural dance performances representing the regions of the world where Dr. Borlaug worked, artist talks and demonstrations, meal packaging, storytime for young students, an interactive map where people could pledge how they'll feed the world, and a live webcast of the statue unveiling in Washington, D.C. In addition, local restaurants served foods related to Dr. Borlaug's story and others in the community highlighted his work in various ways.

Borlaug Celebrations Around the Globe

Dr. Borlaug has also been celebrated around the globe this year at a myriad of special ceremonies, symposia and events.

- During the week of March 25, his research center in Mexico, CIMMYT, held a technical workshop, a summit on wheat, and a Borlaug Field Day in the fields where he once worked. The World Food Prize and Iowa were represented there by a World Food Prize staff member, who took the opportunity to award the Borlaug Medallion to the CIMMYT institution in honor of the role it played as the institution where Dr. Borlaug did his most innovative work.
- On March 27, 2014, Amb. Quinn delivered the keynote address at the World Farmers Organization Global Summit in Buenos Aires, Argentina.
- In April 2014, Amb. Quinn spoke and led a special panel in honor of Norman Borlaug at the renowned business conference, the Milken Global Summit in Los Angeles, joined on stage by world leaders such as Nigeria's Minister of Agriculture and several CEOs.
- The week of July 7, Amb. Quinn participated in the Sasakawa Africa Foundation's Celebration of Dr. Borlaug's Dream of Bringing the Green Revolution to Africa, in Jinja, Uganda. While there, he spoke to the audience, participated in the Jinja Agricultural Fair, and also visited an Iowa State University agriculture and water project.
- On December 8, Amb. Quinn traveled to Tuskegee University for the celebration of the 150th year of George Washington Carver, another Iowa hero, and spoke about the connection to Dr. Borlaug and agriculture in Iowa, spreading both men's legacies.
- Finally, one other highlight of the year was a trip to China in mid-December for the Sanya Forum, the most significant business conference in that country, where he addressed the crowd along with Prof. Yuan Longping, an agricultural hero in China and the 2004 World Food Prize Laureate, thus building even stronger ties between China and Iowa.

Background:

Norman Borlaug was born on a farm in Howard County, near the town of Cresco, on March 25, 1914.

October 16 is World Food Day around the globe and, by Act of the Legislature, Dr. Norman E. Borlaug/World Food Prize Day here in Iowa. The World Food Prize vision is that each October, Iowa can have a significant statewide week-long celebration surrounding World Food Day (like the Kentucky Derby or Mardi Gras, but with Iowa values): **A celebration that highlights our state's history in feeding the world, and brings a broad array of people to Iowa to enhance economic opportunities and promote new technologies for the future**.

It is the World Food Prize Foundation's view that it is possible at the same time to incorporate our state's marvelous history in feeding the world with the arts, music and education in programs and events all around the state, in order to bring maximum attention to these issues, to inspire leaders of the future, and to promote economic development.

As the World Food Prize presents the "Nobel Prize for Food and Agriculture" at the Iowa State Capitol and draws the leading experts from around the world for the Borlaug Dialogue, there should be programs taking place in every Vision Iowa Project, at every school and college and in every county across the state. The Dr. Norman E. Borlaug World Food

Prize Hall of Laureates will play a special role in this endeavor.

In planning and leading the Global Youth Institute, the Borlaug Dialogue, the Iowa Hunger Summit and other activities over the past 15 years, the World Food Prize Foundation's experience has shown that focusing on Dr. Borlaug's legacy in agriculture and global development provides a very strong and broadly appealing core for a diverse array of programs. Given the **central importance of food to all people, communities and cultures**, Iowa's leadership in food production and hunger reduction (both historically and in the present day) provides a unique opportunity to unite citizens, focus attention on current and future challenges in food and agriculture, and support and enhance coalitions and partnerships.

In the five years since his death, it has become evident that Dr. Borlaug's spirit lives on and will flourish in the World Food Prize programs he created and in the institutions we are building here in his home state. Through the special private-public partnership that the Foundation has with the State of Iowa, it is our intention to continue to build upon the foundation Dr. Borlaug put in place and that John Ruan and his family have supported for the past two decades, so that **the World Food Prize will continue to promote economic development and provide educational opportunities across Iowa.**

The World Food Prize Foundation is therefore eager to cooperate and collaborate with the State of Iowa and other public and private entities to offer our annual activities as a platform for engaged partnerships that will promote economic development and will strengthen awareness of and action on major issues in food security and agriculture among Iowans. In particular, we would be pleased to incorporate into our Iowa Hunger Summit, Borlaug Dialogue and Laureate Lecture Series organizations and individuals which could be useful in promoting ideas and concepts deemed potentially helpful to our state and communities.

This overarching goal guides the Foundation staff as we work toward our objectives of recognizing and inspiring breakthrough achievements to increase the quality, quantity and availability of food in the world; conducting informational and educational programs related to agriculture, hunger, nutrition and health; and promoting economic development, tourism, education and cultural opportunities in Iowa.

PROMOTING ECONOMIC DEVELOPMENT IN IOWA

October's Annual World Food Prize Week: The Laureate Announcement Ceremony, The Borlaug Dialogue International Symposium, The Laureate Award Ceremony and Related Side Event Meetings

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 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 "The Greatest Challenge in Human History: Can We Sustainably Feed the 9 Billion People on our Planet by the Year 2050?" The 2014 World Food Prize was awarded to a plant breeder, Dr. Sanjaya Rajaram, who followed directly in the footsteps of his mentor Dr. Norman Borlaug, working in Mexico in the fields with farmers and in the laboratory, eventually developing and releasing wheat varieties in 51 countries on 6 continents, which have been grown on approximately 58 million hectares. In addition to producing yield gains that have significantly increased the world's food supply, these varieties also have shown improved disease resistance and have adapted well to different soils and climate conditions around the world.

The Laureate Announcement Ceremony: An event in Washington, D.C., attracting global attention

For the past 11 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 2014 World Food Prize Laureates on June 18 at a ceremony featuring U.S. Secretary of State John Kerry and gathering over 400 leaders in global food security, including a large contingency of Ambassadors to the United States. Secretary Kerry used the occasion to announce the State Department's new special representative on Global Food Security. In his remarks, Secretary Kerry noted the lifesaving accomplishments of Dr. Norman Borlaug and the enormity of the global food security challenge our world currently faces, underscoring the importance of the work of the World Food Prize.

"Everyone in this room knows … [what] Norman Borlaug accomplished to spark a Green Revolution. By inventing hardier crops and new species, he was able to save – that effort saved nearly one billion lives on our planet. And when you do the math, when our planet needs to support two billion more people in the next three decades, it's not hard to figure out that this is the time for a second green revolution.

That's why Dr. Sanjaya Rajaram is being honored now with the World Food Prize, and we're grateful for the hundreds of new species of wheat that Dr. Rajaram has developed. These will deliver more than 200 million more tons of grain to global markets... And Dr. Rajaram has helped to feed millions of people across the world through his lifetime of research and innovation."

Borlaug Dialogue

The 2014 Borlaug Dialogue international symposium was held October 15–17 in Des Moines. The conference delivered edifying and robust conversations focused on our collective ability to provision a sustainable and nutritious food source for the world's rapidly growing population, projected to reach over 9 billion people by the year 2050. Scientists have determined that in order to meet that challenge, more food will need to be produced in the next 35 years than has been produced in the past 10,000 years.

In the legacy of Dr. Borlaug, the symposium brought together a diverse set of leaders and thinkers, from heads of state to small holder farmers, to assess where we currently stand in terms of meeting this challenge, and identify the "critical gaps" that must be addressed in order to successfully meet the challenge. Specifically, the symposium included:

- The inaugural presentation of "The Borlaug Report", a set of panels designed to assess what are the trendlines towards meeting this greatest challenge and to identify the critical gaps that may exist in the production of staple crops as well in other factors associated with food production, quality and availability, such as nutrition, finance, infrastructure, fertilizer and water, while taking into account exacerbating factors such as climate volatility, animal and human diseases.
- In light of the tragic Ebola epidemic and situation with ISIS, a special focus on issues of political instability, conflict and disease as they related to food security,
- A keynote address from Ernest Bai Koroma, President of the Republic of Sierra Leone, direct from Freetown, Sierra Leone, about the tragic Ebola crisis and its implications for hunger and food security in west Africa.

This year we were honored to welcome over 1,500 people from more than 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 of major international food and agribusiness companies; and 300 high school students and teachers. Our guests and speakers included:

- Ernest Bai Koroma, President of the Republic of Sierra Leone
- Kanayo F. Nwanze, President, United Nations International Fund for Agricultural Development
- Pamela Anderson, Director of Global Agriculture, Bill and Melinda Gates Foundation
- Top executives of leading food and agribusiness companies including DuPont Pioneer, Monsanto, Walmart, PepsiCo, Nestle, Land O'Lakes, Bayer CropScience
- Ministers of Agriculture of Liberia, Sierra Leone, and Rwanda
- Thomas J. Vilsack, Secretary of Agriculture, United States
- Enrique Martinez y Martinez, Secretary of Agriculture, Mexico
- Charles Rivkin, Assistant Secretary of State for Economic and Business Affairs, US State Department
- International governmental and non-governmental leaders from around the globe such as the UN Food and Agriculture Organization, Clinton Global Initiative, Bill and Melinda Gates Foundation and Oxfam America
- Smallholder farmers, students and world-renowned scientists.

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 in 2014: 40 Chances Fellows

At the 2014 Borlaug Dialogue, the Ministers of Agriculture of Liberia, Sierra Leone, and Rwanda joined Howard W. Buffett and Amb. Quinn in recognizing four outstanding young social entrepreneurs as 40 Chances Fellows.

The ceremony marks the culmination of a year-long joint initiative of former Prime Minister Tony Blair, Howard G. Buffett and Amb. Kenneth Quinn promoting innovative, market-based initiatives that reduce food insecurity, conflict or poverty in Liberia, Malawi, Rwanda and Sierra Leone.

The 40 Chances fellowships provide $150,000 each to four individual social entrepreneurs, under the age of 40, who submitted the most compelling application for a start-up program that can produce and enhance economic development and poverty elimination and thus ensure greater food security in Liberia, Malawi, Rwanda or Sierra Leone.

From a pool of 267 applicants, these four fellows were selected by blue-ribbon judging panels comprised of 20 internationally renowned leaders in government, civil society, and international development. These judges were among the international leaders invited to attend the 2014 Borlaug Dialogue in Des Moines.

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.

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 "agroterrorism,"** 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, said that **"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"**;

- One of the first venues anywhere for global leaders and experts to focus on **the potential of biotechnology to feed the poorest countries** (held in 2000);

- The first conference 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 global agribusiness;

- The forum in 2010 for the **US Secretary of Agriculture** to bring together the **Ministers of Agriculture from Afghanistan and Pakistan** to the Borlaug Dialogue.

- In 2011, as we celebrated the **25th Anniversary** of the World Food Prize, 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.

- In 2012, the **United Nations Secretary General, Ban Ki-moon**, spoke at the World Food Prize events and paid tribute to Iowa, as we also honored an **Israeli water scientist nominated by three people from Arab countries**, with **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, sprang from an idea first discussed 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 in 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 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 he was amazed that he could have dinner in Des Moines with a dozen African smallholder farmers.

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 "surpassed the ceremony" at which he received the Nobel Peace Prize.

Today, the Laureate Award Ceremony has become known as gathering "more life-saving achievement 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 beverage at this dinner.

At the 2014 Laureate Award Ceremony, the $250,000 World Food Prize was presented to distinguished plant breederDr. Sanjaya Rajaram of India. Over 800 people filled the House Chamber of the Iowa State Capitol for the ceremony on the evening of October 16th, which was presided over by Governor Terry Branstad and **broadcast 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 bipartisan leadership of the Iowa Legislature was represented at the event as was the Iowa Congressional Delegation. The Governor, Lt. Governor, and a bipartisan group of state legislators attended the event. In addition, over 300 teachers and students participated in a ceremony viewing party at the Hall of Laureates.

In addition to awarding the World Food Prize this year, on October 15 Amb. Kenneth Quinn and Council of Advisors member Dr. Ronnie Coffman presented the third annual Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation, to Dr. Bram Govaerts of Belgium in the magnificent Hall of Laureates. More than 500 people attended that award ceremony and the reception that followed. This award received media attention worldwide when it was first announced at the USAID Frontiers in Development Forum on September 18 in Washington, D.C., and during the award ceremony here in Des Moines in October.

Side Events

In addition to the annual formal symposium program, at the invitation of the World Food Prize, a number of businesses and organizations have been drawn to 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 2014 were:

- In 2014, DuPont/Pioneer held a reception at the Science Center of Iowa to honor the contributions of rural women in agriculture and their efforts to advance food security within their communities and around the world, especially women working to help farmers overcome challenges facing production agriculture in Africa.

- Truth about Trade and Technology over the past nine 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 and Des Moines University again co-organized their 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 4th 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.

- 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.

- 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.

- 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.

- 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 three years. This year, the scholars presented research posters on global food security at the World Food Prize Hall of Laureates during the Borlaug Field Award Reception on October 15.

- The USDA Foreign Agricultural Service has organized side events at the World Food Prize over the past eight years, featuring presentations on issues of interest to the agricultural community and attendance by several hundred participants. In 2014, the USDA Foreign Agricultural Service organized a panel to discuss global food loss and waste, and continued their tradition of bring in a group of young researchers and scholars from around the world, known as the Borlaug Scholars.

- 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 2014, CAST honored Dr. Alison Van Eeneennam, an Animal Genomics and Biotechnology Cooperative Extension Specialist in the Department of Animal Science at the University of California, Davis.

- 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.

- 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 2014, the Iowa Soybean Association organized an afternoon of farm tours across Iowa for World Food Prize symposium attendees.

- 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.

Other notable side events have included:

- 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 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, which help to put the focus of international leaders and global media on Iowa.

- **Sanya, China:** On December 15, 2014, Amb. 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.

- **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.

- **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.

- **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 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 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 **50th 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.** The President of **Pioneer Hi-Bred International** was a featured speaker at the event at the invitation of the World Food Prize.

- **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.

- **Rome, Italy:** In 2002, the assembled World Food Prize Laureates presented a Declaration on World Hunger at the **UN World Food Summit.** The Declaration had been written and approved in Des Moines as part of the World Food Prize.

- **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 female World Food Prize Laureate.

- **New York / United Nations:** In 2000, the World Food Prize hosted a luncheon as part of the **UN Millennium Celebration** in New York City, with the President of the UN General Assembly as the honored guest, and over 300 diplomats, officials and distinguished guests present.

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 our staff collaborates with other educational organizations in Iowa to ensure we all work together to support students in their academic endeavors.

20th Anniversary of the World Food Prize Global Youth Institute

In October 2014, as part of the World Food Prize week of events, our Foundation marked the 20th anniversary year of our three-day **Global Youth Institute that** brought 160 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 20 years ago in 1994, **over 1,500 students and teachers** from **290 high schools across Iowa** have taken part in the World Food Prize Global Youth Institute.

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 Slater and Nevada, Iowa – Syngenta Seeds and DuPont's Cellulosic Ethanol Plant 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, Virginia and Pennsylvania in 2009; Arkansas in 2010; Michigan, Kansas and Alabama in 2014; and with additional at-large state participants; the reach and impact of these exceptional programs is growing rapidly. To date, **over 400 students from 41 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 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, **123 international students from 27 countries** (Afghanistan , Bangladesh, Brazil, Bulgaria, Canada, China, Egypt,

France, Germany, India, Indonesia, Kosovo, Mexico, Montenegro, Morocco, Netherlands , Nigeria, Peru, Russia, Serbia, South Africa, South Korea, Tanzania, Turkey, Turkmenistan, Ukraine and Venezuela) have participated in the youth programs.

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 2014 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 Director of the GlobalEd Network of central Ohio. During the session, teachers discussed and developed classroom curricula on how to effectively integrate global competency into their high school classrooms.

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.

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 14, 2014, 233 students named "Borlaug Scholars" and their teachers from 120 Iowa high schools gathered on the campus of Iowa State University in Ames for the second 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.

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. Eighty 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 Borlaug-Ruan International Internship, they earn an additional $1,000 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 16 years, the World Food Prize has funded a total of **227 Borlaug-Ruan International Internships at 32 of the top agricultural research centers and institutions 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 2014, one of the recipients was from Iowa, Tara Mittelberg of Cedar Rapids, who worked at The Brazilian Agricultural Research Corporation (Embrapa) in Londrina, Brazil. . Complete intern reports are available on the Foundation's website – www.worldfoodprize.org/youth.

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, Rice University, Smith College,** 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. 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 seven 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 jewel of the Iowa high school experience."

Wallace-Carver Fellowship Program

U.S. Secretary of Agriculture Tom Vilsack and Amb. Quinn signed a formal **Memorandum of Understanding** between the U.S. Department of Agriculture and the World Food Prize Foundation in 2011 to create the **Wallace-Carver Fellowship** and expand opportunities for high school and college students in Iowa, and across the country, and prepare the next generation of agricultural and scientific leaders.

"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. Each year, the World Food Prize Foundation selects the top students from across the country to participate in a week-long high-level leadership program at USDA headquarters in Washington D.C., before beginning their paid fellowships at USDA research centers and offices across the country.

In 2014, 33 Fellows had the opportunity to collaborate with world-renowned scientists and policymakers through internships 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, over eighty high school and college students have explored careers in public service in science and agriculture through this life-changing program.

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 will gain **several thousand hours of additional support** on advanced scientific research, at an **annual value of approximately $50,000** to these Iowa institutions.

George Washington Carver Internship Program In 2014, the World Food Prize welcomed 21 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.

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."

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.

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

For the 13th 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 2014 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.

HOLDING EVENTS WITH STATEWIDE OUTREACH: MAKING IOWA "THE HUNGER FIGHTING CAPITAL OF AMERICA" WITH EVENTS IMPACTING IOWA COMMUNITIES

Another key World Food Prize goal is to have Iowa be recognized as the "Hunger Fighting Capital of America." The World Food Prize strives to bring people together around hunger issues 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 of hunger-fighting organizations.

The Iowa Hunger Summit

The World Food Prize created **the Iowa Hunger Summit** in 2007, a day-long program designed to bring together people from around the state from civic, social, religious and other organizations that are working to counter hunger at home and abroad. **The Iowa Hunger Summit is free and open to the public**, and includes a **"Hunger Luncheon,"** which features meals provided by Iowa-based organizations that work to support hungry or food-insecure families in Iowa communities or overseas.

The 2014 **Iowa Hunger Summit** was a tremendous success, with over 600 participants and 34 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 2014 Iowa Hunger Summit 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 Iowa-native and President Herbert Hoover, who is credited with saving hundreds of millions of people from famine in post-war Europe.

Leading government officials also participated, including: **Governor Terry Branstad; Lt. Governor Kim Reynolds;** Senators Matthew McCoy, Janet Petersen and Jack Whitver; Representatives Kevin Koester, Kirsten Running-Marquardt and Rob Taylor; Director **Debi Durham** of the **Iowa Economic Development Authority; Mary Mosiman,** Iowa Auditor of State; **Michael Fitzgerald,** Iowa State Treasure; and Iowa Secretary of State **Matt Schultz.**

The special dialogue about these issues also attracted Iowa business and industry leaders to the 2014 Iowa Hunger Summit, including: **Craig Hill** and **Denny Presnall** of the **Iowa Farm Bureau Federation; Michelle Gowdy** of **DuPont Pioneer; Jeff Stroburg** of **West Central** and **Renewable Energy Group;** and **Kirk Leeds** of the **Iowa Soybean Association.**

The 2014 Hunger Summit featured over 30 speakers and leaders in the fight against hunger from Iowa, the United States and around the world, including:

- **Dennis Dimick, Executive Editor at National Geographic,** who led the recent National Geographic "Future of Food" series. Mr. Dimick gave a multimedia presentation exploring the challenges and opportunities facing agriculture over the next half-century.
- **Bishop Richard E. Pates, Chairman, United States Conference of Catholic Bishops' (USCCB) Committee on International Justice,** delivered the morning keynote, speaking about his recent work in Africa, Latin America and Iran, and the moral and practical obligations to feed the hungry at home and abroad.

- **Margaret Hoover, Author, Activist, and CNN Political Analyst,** delivered a special address on the unparalleled humanitarian achievements of her great-grandfather, President Herbert Hoover. A native Iowan, President Hoover is credited with saving over one billion people from starvation during and after the First World War.
- **Kent Sovern, AARP Iowa State Director,** presented on the geography of hunger and health in Iowa, with a particular emphasis on the challenges of senior hunger and the role that older Iowans are playing in combating hunger across Iowa.
- **Dr. Yogesh Shah of Des Moines University, Dr. Kim Greder of Iowa State University Extension, and Cory Berkenes of the Iowa Food Bank Association** spoke about the **Evolving Challenge of Hunger in Iowa**, and released the overview of the **2014 Feeding America Report**.
- **Dr. Dorothy Masinde of Iowa State University, Dave Miner of the INDY Hunger Network, Arlyn Schipper of Foods Resource Bank, Gary Oppenheimer of AmpleHarvest.org and Rick McNary of Outreach, Inc.** each provided an overview of their successful models to fight hunger in Iowa, Indianapolis, Central America, and Africa.
- Attendees participated in afternoon workshops focusing on: a conversation with **directors of Food Banks in Iowa** on the successful deployment of mobile food pantries to combat rural hunger; interpreting and responding to the findings from the recent Hunger and Aging Iowans survey, conducted by the **Iowa Department on Aging** and **Iowa AARP**; the **Iowa Hunger Free Initiative**; the **Hunger Free Polk County project**; agricultural urbanism; the role of women in advancing Africa; creative uses of plants to improve nutrition and reduce hunger in Mexico and Tanzania; and the many opportunities for Iowans to contribute to ending hunger.

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 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 700 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.

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 eight 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 2015 was announced; in 2009, 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.

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 375 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 twice monthly Hunger Directory Newsletters share information about innovative efforts and collaborations among Iowa's hunger-fighters with over 400 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 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.

Laureate Lecture Series and Events Across Iowa

The World Food Prize reaches out to Iowans through its statewide Laureate Lecture Series and other special events. Over the past 13 years, the Foundation has partnered with colleges, universities, high schools, middle schools, elementary schools, businesses and professional and community organizations to arrange 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 annual events.

The goal of the Laureate 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 2014 Borlaug Lecture by the 2014 Laureate Dr. Sanjaya Rajaram was entitled: "In the Footsteps of Norman Borlaug: The Golden Years of Wheat Production." This event drew a crowd of more than 450 people from the ISU community and around central Iowa.

In addition to the Borlaug Lecture at Iowa State, 19 other Laureate Lecture events took place in October of 2014 at: Kemin Industries; DuPont Pioneer; Simpson College; Central College; Morningside College; Grinnell College; Grand View University; Des Moines Area Community College (DMACC); Hoover High School; Des Moines Central Academy; Ames High School; Panorama High School; Des Moines Regional Chamber of Commerce Breakfast; Des Moines AM Rotary meeting; and the ISU College of Agriculture and Life Sciences (Global Resources classes; Agronomy Department; Seed Science Center).

In 2014, as has been the case for the past 11 years, the World Food Prize also partnered with the International 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.

Over the past 12 years, **180 Laureate Lectures and other outreach events have been organized across the state** at the American Institute of Business in Des Moines, Ames High School, Buena Vista College, Central College, Des Moines Central Academy, Hoover High School, Des Moines Area Community College, Des Moines Hoover High School, DuPont Pioneer, Heartland Global Health Conference, Des Moines University, Drake University, Graceland College, Grand View University, Grinnell College, Indian Hills Community College, Iowa Council of Social Studies, the Iowa State Historical Building, Iowa State University, Kemin Industries Worldwide Scientific Meeting, 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.

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 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** to support and participate in the 50th anniversary of the Khrushchev visit to the Roswell Garst Farm in 1959.

- 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 100th 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.**

Spouses Tour

Each year in conjunction with the Borlaug Dialogue symposium, the World Food Prize takes a day to showcase the state of Iowa to the spouses of the VIPs who attend the Borlaug Dialogue symposium. This year, spouses took an excursion to Terrace Hill and the Des Moines Art Center to experience some of Iowa's artistic and architectural heritage. At Terrace Hill, the spouses received special tour of the historic Governor's home, and they were hosted by First Lady Mrs. Chris Branstad for lunch. After lunch, they had a personal tour of the nearby Des Moines Art Center. While this year's tour took place in the Des Moines, in past years the trip has taken spouses to several other sites across Iowa.

HOSTING NOTEWORTHY GATHERINGS AND CONFERENCES AT THE HALL OF LAUREATES AND PROMOTING TOURISM FOR IOWA

In addition to its annual programs and events, the World Food Prize Foundation continues to thrive in its new home, Norman E. Borlaug World Food Prize Hall of Laureates, the global headquarters of the Foundation.

During the 2009-11 time frame, 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.

Now celebrating its third full year since unveiling, in 2014 the Hall of Laureates welcomed thousands of visitors from Iowa, the United States and around the world. Altogether, over 15,000 visitors came to the Hall of Laureates this past year. Over 100 private events and 110 public open houses were held at the Hall of Laureates in 2014.

Since its unveiling, the Hall of Laureates has been a popular place of interest for a variety of different audiences – welcoming thousands of community members; tourists from outside Des Moines and the state; scholars, scientists, agribusiness leaders and hunger advocates from around the world – to a magnificent setting that serves as a public museum, educational facility and convocation center.

This year's events are listed previously in this report, in the executive summary. During previous years, in its role as a convocation center open to the public for events, the building welcomed numerous business and civic organizations from the community, across the state and around the world to hold their conferences and special gatherings, including:

- The culminating dinner with Governor Terry Branstad for the Iowa-Hebei 30th Anniversary celebration of our Sister State relationship;
- The signing ceremony of USDA and the World Food Prize Foundation, as US Secretary of Agriculture Tom Vilsack and Amb. Kenneth Quinn signed a Memorandum of Understanding to extend the Wallace Carver Fellowship Program;
- The occasion of RAGBRAI, welcoming all participants to explore and experience the Hall of Laureates;
- The Midwest STEM Forum, hosted by the Iowa Governor's Stem Advisory Council and bringing together business, workforce and education and STEM leaders from 9 Midwest states;
- 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 US-China Week Art Exhibit featuring distinguish Chinese artists and 30 years review of Li Tieshu'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 *40 Chances Finding Hope in a Hungry World: A Photography Exhibit* by Howard G. Buffett which remains on display at the Hall of Laureates;
- The celebrations of:
  - International Women's Day, hosted by League of Women's Voters and Oxfam America;
  - Earth Day, 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
- The annual presentation 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 community events and meetings 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, Count the Kicks.

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 regular public hours, the building is open to the community for tours, free of charge. Because of the extended building hours, the World Food Prize has also expanded 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 of the Hall of Laureates. Forty new docents have been added to the Laureate Society, doubling our docent program.

With its many historic elements, this magnificent Iowa landmark has become a sought out venue among brides and grooms and 15 weddings were held in the unique and beautiful rooms of the Hall of Laureates in 2014. Many more are scheduled for 2015 as the venue becomes an increasingly popular destination point.

In October 2014, over 1,500 global scientists and scholars, agribusiness leaders and hunger fighters from 60 countries also experienced the Hall of Laureates during the week-long series of World Food Prize events. Notable visitors to the building included: Amb. Charles H. Rivkin, current U.S. Assistant Secretary of State for Economic and Business Affairs and former U.S. Ambassador to France and Monaco; H.E. Florence Chenoweth, Minister of Agriculture in Liberia; H.E. Gerardine Mukeshimana, Minister of Agriculture and Animal Resource in Rwanda; and Dr. Pamela Anderson, Director of Agricultural Development at the Bill and Melinda Gates Foundation.

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. It was unveiled by Howard W. Buffett in 2013.

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

The Foundation is proud if its status as a LEED Platinum building, the highest possible rating by the U.S. Green Building Council for leadership in energy efficiency and environmental design, an incredibly difficult feat in a century-old building.

The award is significant, as only a handful of 19th-century building 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, technologically-friendly facilities. Key features and achievements in the green renovation process include:

- Procuring 90 of the highest efficiency solar panels available, 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 building;
- Drilling 102 geothermal wells in the garden to help heat and cool the building using the Earth's energy, each of which goes more than 200 feet deep in the ground;
- 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 percent 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
- Adding bicycle storage and shower space as well as preferred parking for low-emitting and fuel efficient vehicles.

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 15 years, including events in Washington D.C. and around the globe, and the Hoover-Wallace Award given here at home to recognize local heroes.

- **World Food Prize Laureate Announcement Ceremony:** Each spring, the World Food Prize holds an event outside Iowa to announce the name of the individual who is to receive the $250,000 World Food Prize the following October. For the past seven 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.

  Approximately 450 people attended the Laureate Announcement Ceremony in 2014 at the State Department hosted by **Secretary of State John Kerry**. **Secretary Kerry** spoke at the event, applauding the World Food Prize for honoring the three pioneers of biotechnology as our 2013 Laureates. When possible, this 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 third recipient of this Award for agricultural leaders under 40 established by the World Food Prize – **Dr. Bram Govaerts** – was announced by Amb. Quinn in September at the U.S. Agency for International Development's Frontiers in Development conference in Washington D.C. Dr. Govaerts was recognized for his work developing leading-edge, sustainable programs that are transforming subsistence agriculture in developing countries into productive and sustainable production operations.

- **The State of Iowa's Borlaug Statue Unveiling Ceremony at the U.S. Capitol:** Amb. 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. Kenneth M. 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 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.

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

For several years, in conjunction with **Rotary Clubs** around the state and the **Greater Des Moines Partnership**, 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 these Iowa natives played in feeding hundreds of millions of people around the world. All proceeds from the dinners supported the Borlaug-Ruan International Internship program and 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.

- 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** were honored in 2008 in **Coralville**.

- **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**.

- Former **Vice President Walter Mondale** and former **Governor Robert Ray** were honored for their work on behalf of refugees from Southeast Asia at a ceremony 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 our 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.

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.

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 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 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. Last year, 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 (outlined earlier in this report), over the past decade the Foundation has commissioned an original symphony in honor of Dr. Borlaug of approximately 15 original paintings, a suite of poems and the composition of an original choral piece, all from 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 at the **Temple for Performing Arts**, attended by an overflow crowd of several hundred Iowans. The Tokyo String Quartet also gave fee classes to Iowa music students.

- 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**.

- 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 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.

- 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.

- 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 across the state.

- 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 broadcast statewide and internationally through the first-ever webcast of this event.

- 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 25th Anniversary Gala at the Museum sponsored by the Iowa Department of Cultural Affairs.

- The World Food Prize in 2004 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.

- The World Food Prize provided financial support to the creation of the **Iowa Public Television documentary on Henry A. Wallace**. It also made a financial contribution to facilitate the production 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 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.

- Each year, the World Food Prize organizes a tour for distinguished international guests to some of Iowa's most prominent tourist destinations. In 2012, this tour went to the **Bridges of Madison County** in Winterset. In past years, this program has included visits to the **Henry A. Wallace Birthplace and Farm** near Orient, Iowa, the **Pappajohn Sculpture Garden** and the **Des Moines Art Center**, the **Boone Scenic Railway**, the **Amana Colonies**, the **Hoover Presidential Library**, **Historic Pella**, the **Danish Windmill**, **Garst Farm in Coon Rapids**, **Living History Farms,** and the **Brunnier Art Museum** in Ames.

STAFF BUDGET AND EXPENDITURES

The World Food Prize currently has 12 full-time employees and one part-time employee. It is further assisted by occasional temporary staff as part of its October events and several unpaid college interns, and over 50 volunteer docents who provide tours of our Hall of Laureates to the public, as admission is free of charge.

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.

In its report to the Legislature in December 2013, the World Food Prize estimated that in CY 2014, its expenditures would be $3.3 million. In fact in CY 2014, its year-end expenditures were $3,322,838.51.* Against this amount, the World Food Prize applied approximately $950,000 from funds provided by appropriations from the State of Iowa ($450,000 of the $900,000 appropriation on July 1, 2013, to cover expenses during the period January 1 to June 30, 2014; and approximately $500,000 of the $1 million appropriated on July 1, 2014, to cover expenses during the period of July 1 through December 31, 2014). The remaining $500,000 of the $1 million appropriated on July 1, 2014 will be utilized to cover World Food Prize Foundation planning, operations and program implementation during the first half of CY 2015.

None of the money received from governmental sources is used either as 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 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.

Attached to this report is an outline of expenditures during CY 2014 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. The funds obtained from the State of Iowa are used to defray part of all of these expenses, with the exceptions noted in the above paragraph.

Salaries and benefits for World Food Prize staff are apportioned to the various programs and project elements of the budget which individual staff members manage. Staff costs for the administration and overall direction of the Foundation are listed under Administration.

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

* The Foundation had one additional expenditure of $323,400.32 in 2014 to implement the 40 Chances Fellows program that was proposed by Howard G. Buffett and Tony Blair in 2013. This is a one-time-only program, as expenditures are not recurring and thus not included in our total annual expenditures.

Based on the above, the amount of program expenditures by the Foundation during the first six months of CY 2015 will be approximately the same as those made in CY 2014 during that same time frame. However, it is anticipated that the Foundation's overall expenditures for the entire CY 2015 will be approximately $3.4 million, with this sustained expenditure level due to increased expenses of approximately $750,000 related to the operation of the Hall of Laureates building, increased attendance at the Borlaug Dialogue symposium and Global Youth Institute, and the rapid expansion of the new Iowa Youth Institute, which is in its fourth year of implementation. While subject to revision, it is estimated that the CY 2016 Foundation budget will be approximately $3.5 million, reflecting the above factors.

As a result of these anticipated increased expenditures in promoting 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 these programs, which Dr. Borlaug created, and the Hall of Laureates, will be sustained far into the future for the benefit of the public who participate in them and who visit this magnificently restored edifice which preserves our state's great agricultural and humanitarian heritage.

THE WORLD FOOD PRIZE FOUNDATION
CY 2014 ANNUAL EXPENDITURES

Borlaug Dialogue International Symposium **$643,051.25**
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

World Food Prize – Cash Awards **$250,000**
World Food Prize Laureate Award

Global Youth Institute and International Internships **$597,686.12**
Borlaug Ruan International Internships
Travel, room and boarding
Intern stipends
International medical insurance Intern
interviews and orientation Administrative
supplies
Chrystal/Szymoniak Award – printing of books
Global Youth Institute
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

Laureate Award Ceremony **$316,376.90**
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

Special Events and Communications	**$276,549.16**
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	
Website	
Photography	
Laureate and Borlaug Centennial Video production and recording	
Advertising	
Street signs and banners	
World Food Prize staff support	
Hall of Laureates Operations	**$744,238.70**
Utilities	
Maintenance & Repairs	
Security	
Insurance	
Garden	
Cleaning	
World Food Prize staff support	
Foundation Administration	**$494,936.38**
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	
Total Annual Expenditures	**$3,322,838.51**

***Additional Non-Recurring Program – 2014**	**$323,400.32**
Howard Buffett Foundation 40 Chances Prize	
Cash prize to recipients	
Administration	
Recipients' travel and lodging	