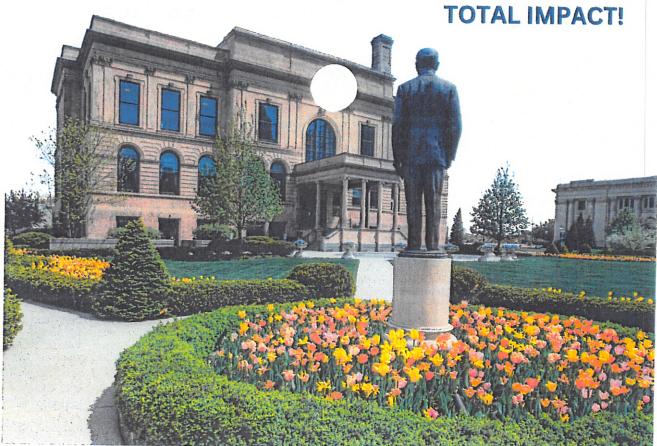
2023 World Food Prize Foundation Impact Report

WORLD FOOD PRIZE WEEK OF EVENTS IOWA Economic IMPACT

\$862,875.48 DIRECT ECONOMIC IMPACT &

\$1,495,899.39





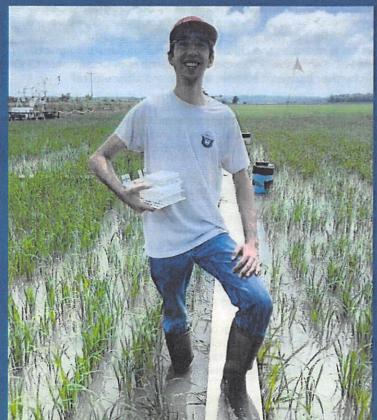
REPORT TO THE STATE OF IOWA LEGISLATURE

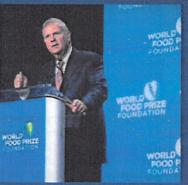




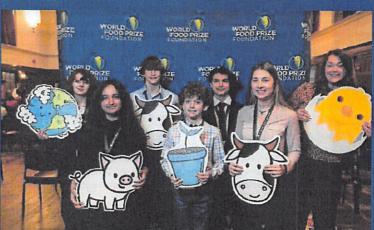




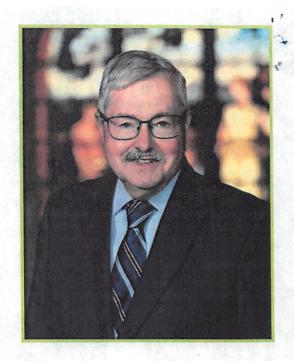








MESSAGE FROM THE PRESIDENT AMBASSADOR TERRY E. BRANSTAD



The World Food Prize Foundation remains grateful for the partnership and support provided by the Governor, lowa Legislature and State of Iowa. The Foundation looks forward to building on this strong collaboration and hopes to continue its efforts in promoting economic development for the State of Iowa, bringing global partners and leaders to our state and inspiring the next generation of Iowa agricultural innovators. As I complete my first year as President of the World Food Prize Foundation, I am humbled by the participation and enthusiastic support of our Iowa partners.

We began the year with the successful Laureate Announcement in Washington, D.C. in collaboration with U.S. Secretary of State Antony Blinken and U.S. Secretary of Agriculture Tom Vilsack. The gathering was made even more special with record-setting attendance by members of the Greater Des Moines Partnership.

In 2023, we returned to full in-person programming with strong participation across all our programs. Our annual October event, the Borlaug Dialogue, welcomed over 1,400 attendees from 83 countries. Guests were privileged to hear from global leaders, including the President of Kosovo, H.E. Vjosa Osmani-Sadriu, who highlighted collaboration, sustainability and support for farmers as the pillars of a nourished future. Keynotes and discussions with leaders like Ethiopian President H.E. Sahle-Work Zewde, U.S. Chamber of Commerce CEO Suzanne Clark and John Deere's CFO Joshua Jepsen further illuminated the path toward agricultural transformation.

An additional 2023 highlight was the attendance of over 250 high school students and 75 teachers a the first inperson lowa Youth Institute at Iowa State University since 2019. The impact of the World Food Prize Youth Education Programs is dramatic and strongly rooted in Iowa. Among all students who participate:

- 92% pursue college degrees in agriculture or STEM-related areas
- 77% choose careers in agriculture and STEM fields
- Two-thirds of Iowa participants in World Food Prize Youth Programs are female

Building on our 2023 successes, more than 300 lowa food security champions gathered at the Hall of Laureates for the lowa Hunger Summit, which brought together state-wide hunger advocates and featuring a discussion around hunger on college campuses among the Presidents of the University of lowa, lowa State University and the University of Northern Iowa. The lowa Hunger Summit is a critical state-wide program that brings together hunger fighters, government and business executives, academic experts, medical professionals and religious and civic leaders to further discuss the efforts needed to counter hunger and food insecurity at home and abroad, enhancing Iowa's efforts in confronting food insecurity, poverty and malnutrition.

I was Governor of Iowa when the vision of the World Food Prize Foundation came to fruition. I feel such pride when I enter the the Dr. Norman E. Borlaug Hall of Laureates. It is a magnificently restored Iowa architectural treasure that tells the story of Iowa's unique agricultural and humanitarian heritage, including Herbert Hoover, Henry A.Wallace, George Washington Carver and Jessie Field Shambaugh, the "Mother of 4-H."

Over 200,000 visitors, including Iowa school students have gone through the Hall of Laureates, which is open free of charge for visitors to learn about Dr. Norman Borlaug and Iowa's agricultural legacy. The support of the Governor and the State of Iowa legislature is so important to our continued success.

We thank you for your support and look forward to working with lowa - and the world - in 2024!

- venn & Brownstee



FUNDRAISING AND DONOR ENGAGEMENT

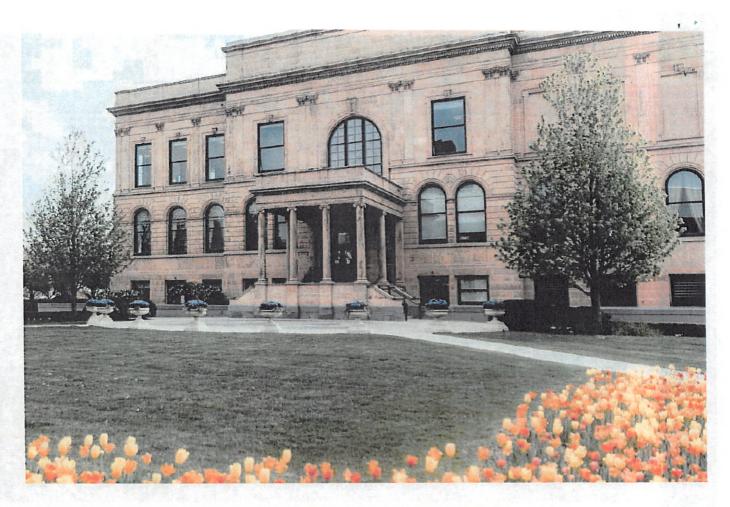
The World Food Prize Foundation remains grateful to the Governor of Iowa and the State of Iowa Legislature for its 2023 support of \$500,000. The Foundation supplements this critical funding with a variety of additional innovative measures to engage donors and key stakeholders. As such, we pursued the following initiatives:

- Defined and clearly articulated our fundraising strategy, outlining strengths and challenges as well as new sources of funding.
- Conducted letter, email and social media campaigns, outlining our accomplishments and plans.
- Delivered legislative report to existing donors, particularly lowa donors, highlighting our efforts.
- Engaged more frequently with existing donors and offered greater in-person collaboration, when possible.
- Reached out to new, first-time donors, informing them of our mission and programs.
- Offered greater transparency with donors in articulating donor benefits at different levels of sponsorship, especially in this virtual era.
- Obtained longer-term pledges and increased sizes of gifts to create stronger financial assurances for the Foundation.

As the Foundation continues to increase the scope and breadth of its programming, the World Food Prize will continue to ramp up its fundraising efforts to meet the growing organizational needs.

To maintain financial integrity and stewardship, the Foundation undergoes an annual audit. Eide Bailly, a U.S. tax, accounting and information security services firm, conducted the audit in 2023 and will continue to provide this service in 2024.

The World Food Prize Foundation remains immensely grateful to the Governor and State of Iowa Legislature for its continued interest in and support of the Foundation's programs. Ongoing and increased future funding will be instrumental in ensuring that those programs continue to benefit Iowa businesses, local partners, Iowa high school students and our citizens who seek to learn about and advance Iowa's great agricultural and humanitarian heritage.



UTILIZATION OF STATE OF IOWA FUNDS

The World Food Prize Foundation utilizes funds appropriated by the State Legislature to support the planning and implementation of its annual programs, as well as for the operating expenses of the Hall of Laureates. Separately, WFPF maintains a fund for annual ceremonies and awards. None of the money received from the State of Iowa appropriation is used for the World Food Prize Laureate award or the Dr. Norman E. Borlaug Award for Field Research and Application prize money. State of Iowa funds are also not used to pay for food or beverages at any social functions held as part of World Food Prize events. In addition, none of the funds received from the State of Iowa are used for any national or international staff travel or Hall of Laureates construction projects ("no bricks and mortar").

The endowment created by the John Ruan Trust continues to provide partial funding for the World Food Prize Foundation. Funds for the annual World Food Prize come solely from this endowment, which also provides support for the partial upkeep of the Hall of Laureates. In addition, the Ruan companies - Bankers Trust and Ruan Transportation Management Systems - provide annual support.

STAFF GROWTH AND VOLUNTEERS

In 2023, the Foundation strategically continued its growth by adding critical positions needed to support integral programmatic development. Despite this staffing increase, the Foundation maintained a team of less than 20 employees that managed the Foundation's complete portfolio of many local and international programs and relationships.

In addition, we continue to engage six to ten college interns each semester through the prestigious George Washington Carver Internship program, providing strong learning and growth opportunities to support successful career paths and creating a pipeline of professionals interested in agricultural development.

For events in October, we engaged more than 65 volunteers, creating engagement opportunities for lowa community members. Former interns, colleagues and friends of the Foundation returned to Des Moines to provide instrumental support, assisting with the production and implementation of our events.

This past year saw a continued increase in public tours at the Hall of Laureates, with our 22 volunteer docents giving of their time to share the Foundation's story and impact with thousands of visitors from around the U.S. and the globe. The Hall of Laureates looks forward to continuing its role as a significant heritage landmark and cultural icon in Central lowa.

IMPACT ON ECONOMIC DEVELOPMENT IN IOWA AND ADVANCING HUNGER FIGHTERS ACROSS THE WORLD









Reaching Out Through Digital Dialogues

As a result of the pandemic, in Spring 2020, the World Food Prize Foundation created the Digital Dialogue Series, opening a new avenue for virtual engagement on critical global food security matters. Building on the success of this program, in 2023, the Foundation hosted three virtual Digital Dialogues. This year's Digital Dialogues welcomed audiences from across lowa and the globe and centered around the following conversations:

- Joining Ambassador Terry Branstad in an innovation-themed Digital Dialogue, the 2020-2022 Borlaug Field Award Recipients, Salma Sultana, Elliott Dossou-Yovo and Mahalingam Govindaraj shared their perspectives for adopting and scaling creative agricultural solutions that are more equitable, economically viable and contextually relevant.
- The virtual "Live with the Laureate" Digital Dialogue was an exclusive interview with 2023 World Food Prize Laureate, Heidi Kühn, and Emmy award-winning journalist Cheryl Jennings. Kühn discussed the work of her nonprofit organization, Roots of Peace, which she founded in 1997 to replace remnants of war and restore the land to agricultural uses with the planting of millions of grapevines and fruit trees.
- In celebration of International Youth Day, eight alumni of the World Food Prize Foundation's youth
 programs participated in an empowerment-themed Digital Dialogue. These young leaders described how
 their experiences inspired them to join and advocate for youth's vital role in alleviating global challenges.

Drawing the World's Eyes to Iowa

The 2023 World Food Prize Week of Events was a record-breaking, inspiring and uplifting gathering with over 1,400 participants from 83 countries. Agricultural scientists, scholars, students and agribusiness leaders descended on lowa to attend this World Food Prize Foundation gathering that generated interest and economic exposure for our state. We honored our 2023 World Food Prize Laureate, Heidi Kühn, and convened the Borlaug Dialogue, Laureate Lecture Series, Global Youth Institute and Laureate Award Ceremony.

The Norman E. Borlaug International Dialogue was established in 2006 and has grown into one of the preeminent food security conferences in the world. The Borlaug Dialogue brings together global thought-leaders to address cutting-edge issues related to food system transformation, agricultural innovation, and food-security action. The 2023 theme, Harnessing Change, captured the intellects and imaginations of those in attendance and the six sub-themes focused the events on discernible developments and outputs. All mainstage and breakout sessions were available for in-person attendees and streamed for those who were not able to travel to Des Moines. There were 31 main stage sessions, seven breakout sessions, and 41 side events on a program that included keynote addresses from the U.S. Secretary of Agriculture, Vice President of Nigeria, and the Presidents of Kosovo and Ethiopia. The program also included three farmer-led sessions, a demining demonstration, and numerous conversations with C-suite leaders of major agriculture, food, fuel, insurance and equipment companies.

This year, the traditional three-day conference was preceded and supplemented by 10 days of virtual side events from strong partners, including the U.S. State Department, Inter-American Institute for Cooperation on Agriculture and the Indian National Academy of Sciences. 2023 marked the second year the Borlaug Dialogue was held at the lowa Events Center, a venue able to aptly house all aspects of this massive gathering.

Borlaug Dialogue attendees come from non-governmental organizations, businesses, academic institutions, governments, civic organizations and private individuals. These representatives are essential in any serious effort to increase the quality, quantity and availability of nutritious food for all. The Dialogue is also a vehicle for moving the legacy of Norman Borlaug into the future and this year's focus on innovation, youth empowerment and farmer support were central to the narrative of Dr. Borlaug's life.

















2023 Borlaug Dialogue

Record Breaking Attendance and Diversity

Attendance at the 2023 Borlaug Dialogue surpassed all expectations and was the largest and most diverse in the event's history. More than 1,400 people from 83 countries attended the Borlaug Dialogue in Des Moines. In comparison to the previous year, there was a 75% increase in attendance and a 60% increase in country representation. Additionally, attendees at the Borlaug Dialogue represented more than 600 organizations.

Significant Increase in Global South Participation

The Foundation's ongoing strategy of increasing Global South participation through engagement, fellowship prioritization, and partnership building paid dividends and there was a significant increase in participation from countries across Africa. Participants from North America still make a significant majority of attendees to the event, however it is becoming an increasingly diverse gathering as it grows in size. The presence and participation of these international attendees draws tremendous positive focus and attention on lowa.

Borlaug Ethos

The Borlaug Dialogue is designed to be a space for enlightening and frank discussion. Embedded in the ethos of the Dialogue is the legacy of Dr. Borlaug and his desire to move innovations and knowledge into the hands of end users. At the Dialogue, the Foundation honors that Borlaug ethos by taking on and dissecting seminal topics. The 2023 Dialogue witnessed a serious discussion on fostering food and renewable fuel production, a rollout of a massive water strategy in the Americas, and progress related to the U.S. State Department's Vision for Adapted Crops and Soils (VACS) in Africa. Additionally, there were two global farmer-focused panels on the issues farmers are facing around the world.

Leaders Throughout the Dialogue

The Dialogue is also a place where global leaders come together to discuss food security solutions. Leaders from North America, South America, Europe, Middle East, Africa and Asia were present in large numbers. Hosting three heads of state as well as numerous global ministers and ambassadors was a supreme highlight of the event, drawing delegations from around the world to lowa.

Venue

The 2023 Borlaug Dialogue and Global Youth Institute utilized the magnificent breadth of both the Iowa Events Center and the Hilton Downtown Des Moines Hotel. The strong partnerships forged with both venues enabled the Foundation to stage impactful engagements and special moments for all our assembled guests. Building on the knowledge we gained from the 2022 events in these venues, the Foundation and its partners hosted a record number of events at both venues during the week and received significant praise for the look, feel and organization as well as generated revenue for these Iowa-based entities and vendors.

Theme

The 2023 theme *Harnessing Change* was a deliberate progression of the 2022 theme, *Feeding a Fragile World*. After focusing last year on the ongoing impacts of COVID-19, climate change, and conflict, we focused this year on harnessing innovation, adaptation and diversification to improve systemic resilience, recover from shocks and sustainably nourish all people.

As Dr. Norman Borlaug said frequently, pessimism has no place in action. We honored, celebrated, and aimed to inspire those who harness change and will ultimately shape the future of food and agriculture. Building on Borlaug's legacy of tackling immense global challenges, this year's Borlaug Dialogue acknowledged how far we have come and identified ways to make positive strides toward an even more food-secure future.

The 2023 theme was further refined into 6 sub-themes that provided the basis for dynamic programming throughout the year.

- Resilience
- Innovation
- Regeneration
- Nourishment
- Mobilization
- Empowerment





Borlaug Dialogue Main Stage Overview

The Borlaug Dialogue's main stage featured 17 hours of content, elevating the voices of 88 speakers and presenting 6 award announcements, 6 fireside discussions, 13 panels, and 17 keynotes and individual remarks, all fully available to virtual attendees and more than 1,400 in-person registrants.

This year's foreign government leaders who spoke at the Dialogue included:

- President of the Federal Democratic Republic of Ethiopia, Her Excellency Sahle-Work Zewde
- President of Kosovo, Her Excellency Vjosa Osmani
- Vice President of the Federal Republic of Nigeria, His Excellency Kashim Shettima
- Minister for Farming at the Department for Environment, Food and Rural Affairs, of the United Kingdom. The Rt Hon Mark Spencer, MP
- Minister of International Development of Norway, Minister Anne Beathe Tvinnereim
- · Minister of Agriculture, Cooperative Republic of Guyana, Honorable Zulfikar Mustapha,
- Ambassador of the Kingdom of Bahrain to the United States of America, His Excellency Shaikh Abdulla Rashed Al-Khalifa

Speakers from U.S. government leaders included:

- Secretary of Agriculture of the U.S. Department of Agriculture, Tom Vilsack
- Under Secretary, Research, Education and Economics and Chief Scientist, U.S. Department of Agriculture, Dr. Chavonda Jacobs-Young
- Assistant to the Administrator for the Bureau for Resilience, Environment and Food Security, USAID,
 Dina Esposito
- United States Assistant Secretary of State, Ramin Toloui
- · United States Department of State Special Envoy for Global Food Security, Dr. Cary Fowler
- Director, USDA National Institute of Food and Agriculture, Dr. Manjit Misra
- Deputy Assistant Secretary for Programs and Operations, Bureau of Political-Military Affairs, U.S.
 Department of State, Dr. Rachel Schiller

Additional high-level experts presented on the main stage, including the following:

- President of the African Development Bank, Dr. Akinwumi Adesina
- President of The Rockefeller Foundation, Dr. Rajiv Shah
- Director-General, Food and Agriculture Organization of the United Nations, Dr. Qu Dongyu
- President for International Fund for Agricultural Development (IFAD), Alvaro Lario
- Vice-President for International Fund for Agricultural Development (IFAD), Dr. Gerardine Mukeshimana
- CGIAR System Board Chair, Dr. Lindiwe Majele Sibanda
- Director General of the International Maize and Wheat Improvement Center (CIMMYT), Dr. Bram Govaerts
- Executive Director of the Global Alliance for Improved Nutrition, Dr. Lawrence Haddad
- Senior Research Scientist at the NASA Goddard Institute for Space Studies, Dr. Cynthia Rosenzweig
- Scientist and South Asia Lead for Seed System and Product Management, International Rice Research Institute (IRRI), Dr. Swati Nayak
- IICA Representative in the United States, Inter-American Institute for Cooperation on Agriculture, Dr. Margaret Zeigler

An array of CEOs and leaders from the following companies presented keynote or panel remarks, including:

- U.S. Chamber of Commerce CEO, Suzanne Clark
- Corteva Agriscience CEO, Chuck Magro
- Bayer North America President, Jacqueline Applegate
- John Deere CFO, Joshua Jepsen
- U.S. Dairy Export Council President and CEO, Krysta Harden
- Chevron Renewable Energy Group President, Kevin Lucke
- AgriSompo Chairman and CEO, Bob Haney
- U.S. Soybean Export Council CEO, Jim Sutter

Borlaug Dialogue Session Highlights

DIALOGUE WITH AFRICAN HEADS OF STATE

The Africa Agriculture Dialogue featured two fireside discussions with H.E. Sahle-Work Zewde and H.E. Kashim Shettima moderated by Dr. Akinwumi A. Adesina, tributes to Dr. Gebisa Ejeta and the late Sir Gordan Conway and a panel including Ramin Toloui, Dina Esposito, Jason Brantley and others. These sessions highlighted the momentum for growth in African agriculture, discussed the importance of political will in food security, described several U.S. public and private sector investment opportunities in Africa and called upon the global audience to invest in the continent's agribusiness and agricultural sector.

In addition, the launch included a side event hosted by the African Development Bank Group and AgroNigeria which focused on opportunities for growth provided by Special Agro-Industrial Processing Zones in Africa. African ministers who spoke at this side event include H.E. Sahle-Work Zewde, H.E. Kashim Shettima, H.E. Dr. Fitsum Assefa Adela, Senator Abubakar Kyari, Hon. Reuben R. Phiri Mtolo, and H.E. Malam Umar Namadi.

The Africa Agriculture Dialogue will be an annual gathering at the Borlaug Dialogue and it will address key milestones and developments in African agriculture. The Borlaug Dialogue will be the platform and site for important conversations, welcoming African leaders, farmers and policymakers to further food security across the continent.

FARMER SESSIONS

Revitalizing Dr. Borlaug's commitment to "take it to the farmer," the main stage featured farmers from Colombia, Germany, India, México, Nigeria, Tanzania, Ukraine, the United States and Zambia to provide firsthand accounts of issues impacting farmland and agriculture. These farmer leaders voiced the need to embrace innovations, develop many types of solutions that work in different situations and environments and provide greater stability for the food and agriculture sectors.

The Global Farmer Network formally recognized German farmer Marcus Holtkoetter as the 2023 recipient of the GFN Kleckner Global Farm Leader Award. This was the first time this award was given at the Borlaug Dialogue and will hopefully become and annual tradition.

MAKING BIG BETS WITH DR. RAJIV SHAH

Returning keynote speaker Dr. Rajiv Shah, President of the Rockefeller Foundation, shared Rockefeller's commitment to improving global food production, consumption and humanitarian food support operations. The 2001 World Food Prize Laureate, Catherine Bertini, joined Dr. Shah in a fireside discussion about the themes of his newly published book "Making Big Bets." All Global Youth Institute students received a book on behalf of the World Food Prize Foundation. Dr. Rajiv Shah also presented Dr. Swati Nayak the Norman E. Borlaug Award for Field Research and Application, which is endowed by The Rockefeller Foundation and is the premier global recognition for innovators, under the age of 40, who are dramatically impacting the world's food systems.









LAUREATE'S INSPIRATION

An interview of the 2023 World Food Prize Laureate Heidi Kühn was conducted by award-winning journalist Cheryl Jennings. Heidi shared how her journey as a cancer survivor and Princess Diana's passion for eradicating landmines inspired the early beginnings of Roots of Peace, an organization dedicated to demining and agricultural development efforts. The session was followed up by a panel including Deputy Assistant Secretary Rachel Schiller, Jamie Franklin and Gary Kühn; these leaders discussed how the U.S. Department of State, Mine Advisory Group, and Roots of Peace are supporting efforts to clear the explosive hazards of war and promote peace, agricultural prosperity and security. Additionally, for the first time ever in the history of the Borlaug Dialogue, a team of female deminers from Vietnam provided a demonstration of unexploded ordinance clearing. Heidi Kühn joined this team on stage as the "explosive" was cleared, remarking, "60 million landmines to go!"

JOHN RUAN III KEYNOTE ADDRESS

The **launch of the John Ruan III Keynote Address**, presented by the President of the U.S. Chamber of Commerce Suzanne Clark, honored John Ruan III and his family's legacy of saving the World Food Prize in 1990 and mobilizing action for global food security. The keynote address will be an ongoing feature of the Dialogue.

GLOBAL MINISTERS ON STAGE AT THE DIALOGUE

Global ministers, secretaries and ambassadors representing Bahrain, Ethiopia, Guyana, Kosovo, Nigeria, Norway, the United Kingdom and the United States discussed strategies and opportunities for international development, food security and water scarcity. The Borlaug Dialogue has increasingly been a venue for high government officials in the agriculture, food, water, development, and diplomatic ministries to meet and discuss food security and development policies. This engagement by high government officials also means that major food and agriculture initiatives are crafted, discussed, and refined in the backrooms of the Dialogue. In 2022, the Vision for Adapted Crops and Soils (VACS) program was hammered out at the Dialogue and launched in early 2023 by the US State Department, FAO, and the African Union.

SOY INDUSTRY GLOBAL INFLUENCE

The Sustainable Solutions for Every Life, Every Day to Harness Change lunch program promoted agriculture's potential to solve existential challenges as well as the U.S. soy industry's focus on improving resiliency to meet the world's growing need for sustainable protein. The panel incorporated sectoral diversity with representation from from government (Dr. Chavonda Jacobs-Young), nonprofit (Rebecca Middleton), academia (Dr. Sergio Andrés Rodríguez Royo), production agriculture (Meagan Kaiser), and aquaculture (David Samveana). The lunch and the panel highlighted the importance of soy in global food, feed, and fuel value chains.

















Laureate Announcement in Washington, D.C.

Each spring, the World Food Prize Foundation announces the individual(s) who will receive the World Food Prize the following October. In a momentous event held at the National Academy of Sciences on May 11, 2023, the World Food Prize Foundation announced the recipient of the prestigious World Food Prize for the year, with Heidi Kühn named as the 2023 Laureate. Co-hosted by the U.S. Department of State, the event gathered key dignitaries, including U.S. Secretary of State Antony Blinken and U.S. Secretary of Agriculture Tom Vilsack.

Distinguished speakers graced the stage to reveal the Laureate. Other notable speakers included Jose W. Fernandez, Under Secretary for Economic Growth, Energy, and the Environment and Ramin Toloui, Assistant Secretary for Economic and Business Affairs, both from the U.S. Department of State. Cary Fowler, Special Envoy for Global Food Security, and Dina Esposito, Global Food Crisis Coordinator, representing the U.S. Agency for International Development, added their insights to the global efforts in achieving food security.

The 2023 World Food Prize Laureate, Heidi Kühn, was recognized for her outstanding contributions for her farmer-focused development model that revitalizes farmland, food security, livelihoods and resilience after devastating conflict. A renowned figure in the field, Kühn's work at Roots of Peace has impacted over one million farmers and members of farming families and facilitated the removal of unexploded bombs and landmines and restored the land to agricultural use with the planting of millions of grapevines and fruit trees.

The announcement of Kühn as the 2023 Laureate captured international attention and resonated in top-tier media outlets. This widespread recognition underscores the global importance of Kühn's work and the urgent need for collaborative solutions to address food security challenges on a broader scale.

The World Food Prize Foundation, in collaboration with the U.S. Department of State, celebrated not only Heidi Kühn's individual achievements but also the collective efforts of the global community in working towards a future where hunger is eradicated. The event concluded with a renewed sense of purpose and commitment to fostering sustainable practices that will ensure food security for generations to come.

Laureate Award Ceremony at Iowa State Capitol

The Foundation seeks to elevate innovations and inspire action to increase the quantity, quality and availability of food for all through the annual presentation of the World Food Prize. With the presence of agricultural scientists, Laureates whose work has increased global food security, the Laureate Award Ceremony is known for gathering "more life-saving achievements than at any other World Food Day event anywhere around the globe."

The Foundation is grateful for the privilege of holding this ceremony in the Iowa State Capitol each year. This magnificent building adds incomparable prestige to the event and conveys an impressive image of Iowa through Iowa PBS's broadcast and in press coverage, which spans the globe. In 2000, Dr. Norman Borlaug stated that the World Food Prize award ceremony at the State Capitol "surpassed the ceremony" at which he received the Nobel Peace Prize in 1970.

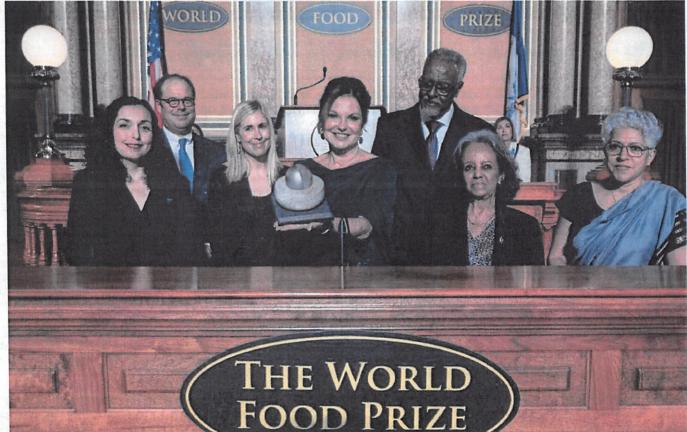
On October 26, the 2023 World Food Prize was awarded to Heidi Kühn during the annual ceremony in the House Chamber. Ms. Kühn was recognized for her farmer-focused development model that revitalizes farmland, food security, livelihoods and resilience after devastating conflict. For more than two decades, she has shown more than a million people living in war-torn regions around the world a way forward for restoring peace and prosperity through agriculture.

Governor Kim Reynolds presided over the Award Ceremony and offered the Proclamation of the Laureate. She was joined by World Food Prize President Ambassador Terry Branstad and Chief Operating Officer Mashal Husain who led the ceremony. The gathering welcomed more than 600 people in-person and another 950 people watched via livestream. The event was later broadcasted on Iowa PBS on two occasions. After the ceremony, guests enjoyed a reception in the Capitol Rotunda with hors d'oeuvres.









Borlaug Field Award

Each October, the World Food Prize Foundation presents the Dr. Norman E. Borlaug Award for Field Research and Application, endowed by the Rockefeller Foundation – commonly known as the Borlaug Field Award. This award recognizes exceptional, science-based achievement in international agriculture and food production by an individual under the age of 40. Awardees emulate the same intellectual courage, stamina and determination in the struggle to eliminate global hunger and poverty that was demonstrated by Dr. Norman Borlaug as a young scientist working in Mexico in the 1940s and '50s.

In 2011, then-president of The Rockefeller Foundation, Judith Rodin, announced that The Rockefeller Foundation would commit \$1 million to endow this annual award in honor of Dr. Borlaug, whose early work in Mexico was likewise supported by the Foundation.

The 2023 Borlaug Field Award recipient, formally announced on September 19, was Dr. Swati Nayak, Scientist and South Asia Lead for Seed System and Product Management at the International Rice Research Institute (IRRI).

Dr. Nayak was recognized for her innovative approach to engaging smallholder farmers in demand-driven rice seed systems, from testing and deployment to equitable access and adoption of climate-resilient and nutritious rice varieties. She has organized more than 10,000 extensive on-farm trials for more than 500 rice varieties, working with thousands of smallholder farmers across diverse ecosystems in different countries across Asia and Africa. She was central to the massive effort toward the successful dissemination of more than 20 promising climate-resilient and biofortified rice varieties. This process has empowered farmers, women and men, to maximize their yields, minimize their environmental footprint, and secure their economic future.

During the Borlaug Dialogue on October 24, Dr. Rajiv Shah, President of the Rockefeller Foundation presented The Borlaug Field Award to Dr. Nayak.









Iowa Hunger Summit

The lowa Hunger Summit gathers leaders from across lowa, representing community organizations, industry, state and local governments, social agencies, religious communities, schools, civic and social clubs, and others active in projects to address hunger, nutrition, poverty and health in the state.

For the first time, the 2023 Iowa Hunger Summit was held at the World Food Prize Hall of Laureates and was also the first in-person Summit since 2019.

Since its inception, the lowa Hunger Summit has always been free for attendees and open to the public.

The event welcomed 300 food security champions from across lowa; numerous other participants attended virtually from every corner of the state. This powerful gathering of food security advocates featured compelling main stage speakers, engaging deep-dive breakout sessions and numerous exhibitors highlighting their state-wide hunger initiatives.

History of the Summit

The World Food Prize Foundation, under the direction of former Foundation President Ambassador Kenneth M. Quinn, created the Iowa Hunger Summit in 2006 with former governors Robert D. Ray, Terry E. Branstad and Tom Vilsack serving as honorary co-chairs. The first Summit took place in 2007 where they were joined by Iowa Governor, Chet Culver, in honoring Nobel Peace Prize Laureate and World Food Prize Founder, Dr. Norman E. Borlaug.

Since then, the lowa Hunger Summit has convened food security leaders in efforts to amplify multi-stakeholder collaboration, resource exchange, and solutions for strengthening food systems and improving food and nutrition security. The 2023 Summit was the 17th annual event.

Summit Goals

- Share information about efforts to ensure adequate and nutritious food for all
- Encourage individuals and groups to continue and expand this work
- Increase awareness of hunger, poverty, disease, nutrition and related issues
- Highlight lessons learned that can be used to end hunger and greatly reduce diet-related disease

Theme

The 2023 theme, Paths to Zero, encouraged attendees to pursue multifaceted, collaborative and innovative courses to reach zero hunger while reducing persistent, diet-related diseases. This theme focused on identifying the root causes of hunger and called to action lowa stakeholders across all sectors.











Iowa Hunger Summit Main Stage

The lowa Hunger Summit main stage was aptly placed in the Borlaug Ballroom at the World Food Prize Foundation Hall of Laureates, as the Summit is a significant part of Dr. Borlaug's legacy to fight hunger. In 2023, those assembled witnessed major funding announcements, frank discussions about corporate and government leadership, innovative ideas designed to re-animate rural economies, and a wide-ranging talk from the Presidents of lowa's public universities. These main stage sessions honored the Borlaug legacy and aimed to drive progress on hunger throughout the state.

As a key highlight, lowa Governor Kim Reynolds attended the Summit and announced \$5 million in awards to four nonprofits that are building infrastructure to increase the availability of food distributed to local food pantries throughout the state.

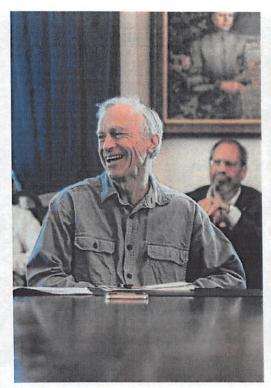
Additionally, Governor Kim Reynolds, Ambassador Terry Branstad and community leader Terry Rich discussed lowa's agricultural past, present and future, exploring the evolution of farming practices and socio-economic impacts across the state. They addressed challenges, including sustainability and economic stability, while emphasizing the state's commitment to supporting citizens through assistance programs and initiatives to combat hunger. The leaders highlighted lowa's dedication to community well-being and collaboration with organizations working to build and strengthen food security.

In another powerful main stage session, the presidents of Iowa State University, University of Iowa, and University of Northern Iowa convened to address the crucial issue of food security on their respective campuses. This collaborative discussion delved into strategic initiatives and programs aimed at combating hunger across their campus communities and alleviating poverty, as well as exploring ways to elevate the significance of food security as a priority within the academic community. Each university prioritizes hunger challenges within its teaching, research, and community initiatives. There was also a breakout session with students from these institutions discussing their food pantry initiatives.

In a session focused on Iowa governmental initiatives, Iowa Senator Annette Sweeney moderated a conversation with Secretary Mike Naig and Director Kelly Garcia as they outlined their departmental hunger, nutrition, health and food objectives.

Another innovative main stage panel, moderated by lowa Representative Brian Lohse, focused on supporting rural grocery stores and emphasizing the importance of reinvigorating the rural economy through public-private partnerships. The Hunger Summit welcomed two independent grocers to discuss how to keep these vital businesses afloat and ways that rural grocery stores support socioeconomic systems in their communities. The use of public-private partnerships to ultimately reduce rural poverty and hunger became an important topic that came out of the session and is being discussed by the state government, businesses and others.

Also featured on the main stage of the Iowa Hunger Summit were Nate Clark, the Global Director of Corporate Social Responsibility and President of the John Deere Foundation, Laura Eberlin, the Global Corporate Social Responsibility Lead at John Deere and Hans Schnekloth, a 6th Generation Iowa Farmer. Their engaging dialogue centered on corporate social responsibility as a moral obligation and the impact of supporting local hunger initiatives.





Iowa Hunger Summit Breakout Sessions

Breakout sessions featured 32 speakers representing 25 different organizations. Sessions included the following:

- Farm to Food Assistance: Growing connections through LFPA | Iowa Department of Agriculture and Land Stewardship, Iowa Food Bank Association and Iowa Valley Resource Conservation and Development
- Local Solutions, Global Impact: Iowa's College Food Pantries and Quest for Zero Hunger | Food Pantry at Iowa, Panther Pantry and The Shop at Iowa State University
- Building Food Sovereignty through Community Partnerships | Golden Magnolia Sanctuary, Southeast Iowa Food Hub. Fairfield Farmers Market and MIU Regenerative Organic Agriculture
- A Faithful Response to Hunger | Bread for the World and Growing Hope Globally
- A Recipe for Great Learners: Healthy School Meals for All in Iowa | School Nutrition Association of Iowa
- Rethinking Supply Chains in the Face of Increased Global Tensions | Feeding America and The Food Bank of Iowa
- · Feeding The Need and Ending The Line | Iowa Food Bank Association
- Benefits of Adding an Egg/Day to a Child Feeding Program in South Africa | Blessman International, Hy-Line International, Versova and University of Iowa
- Collaborating to Address Food Insecurity in Central Iowa: Story County Hunger Collaboration | United Way of Story County, Good Neighbor Emergency Assistance, Nevada Food At First and The Salvation Army of Story County Service Center

Exhibitors

The World Food Prize Foundation provided a productive networking space and lively gathering of food security advocates in an exhibit space. Organizations who participated as exhibitors included:

- Capital City Fruit
- Golden Magnolia Sanctuary
- Growing Hope Globally
- Iowa Farmers Union
- Iowa Food Bank Association (IFBA)
- Iowa Food Systems Coalition
- Iowa Healthiest State Initiative
- Iowa Hunger Coalition
- Iowa Valley Resource Conservation and Development
- MercyOne
- Norman Borlaug Heritage Foundation

New Collaborations

In preparation for the Iowa Hunger Summit, the World Food Prize Foundation has year-round conversations with representatives from government, academia, the private and public sector, and more. One new engagement in 2023 was with the Iowa Food Systems Coalition, a group of Iowans from across the state with the goal of charting a path toward food systems that are sustainable, equitable and flourishing. Through this collaboration, the Foundation and the Coalition have brought pertinent discussion topics to the Iowa Hunger Summit and expanded one another's networks of food security stakeholders.

Iowa SHARES Humanitarian Award

The Robert D. Ray Iowa SHARES Humanitarian Award, established by the World Food Prize Foundation in 2013, commemorates the former Iowa Governor's leadership in addressing hunger and human suffering. Named after Governor Ray's 1979 Iowa SHARES campaign, the award acknowledges exceptional contributions by Iowans locally or internationally. This campaign provided crucial aid to Cambodian refugees, illustrating Governor Ray's compassionate efforts. Additionally, the award recognizes his pioneering role in offering refuge to ethnic Tai Dam and rescuing the Vietnamese "Boat People," establishing him as the first global leader to provide sanctuary to these refugees at sea.

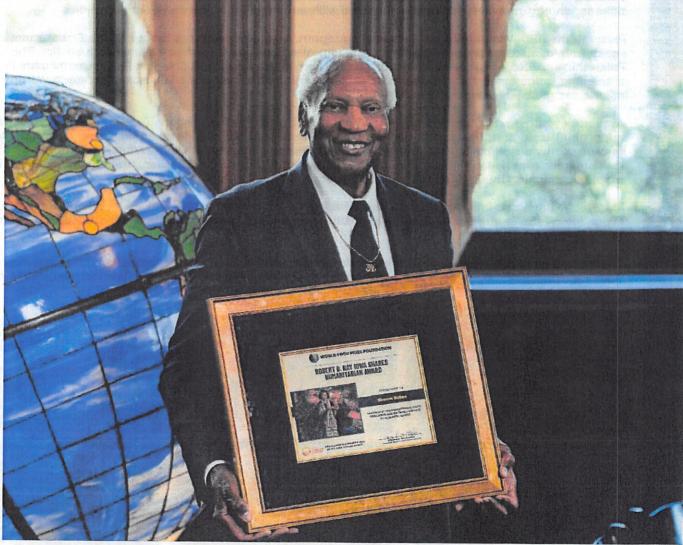
Iowa SHARES Award to Simon Estes

In 2023, Dr. Simon Estes was honored with the Iowa SHARES Award for his profound humanitarian commitment to creating "peace through music" and elevating the voices of impoverished youth globally and in Iowa. His dedication to using music as a force for positive change aligns with the spirit of the award, further emphasizing the diverse and impactful contributions recognized by the Iowa SHARES initiative. The SHARES award was presented to Simon Estes by Governor Reynold's and Ambassador Branstad at the Iowa Hunger Summit.









IMPACT ON STEM AND YOUTH EDUCATION

The World Food Prize Foundation's mission is to elevate innovations and inspire action to sustainably increase the quality, quantity and availability of food for all.

To that end, we invest in the leadership and empowerment of young people as they are the future scientists, advocates, farmers, educators and public servants that will advance change in our state and around the world. The World Food Prize Foundation Youth Programs provide meaningful experiences and opportunities to prepare emerging leaders with the skills they need to address local and global challenges in hunger, agriculture, sustainability and beyond.

In 1994, the Youth Programs were established with just 14 students in Iowa. Today, over 50,000 students and educators globally have engaged with our many programs and curricula. Over the last three decades, the World Food Prize Foundation Youth Institutes have empowered thousands of young people to discover their role in solving global challenges facing food security. Through the Global Challenge research paper, high school students are able to think critically about issues and develop solutions around hunger.

In 2023, more than 5,000 young leaders engaged through World Food Prize Youth Institutes, Global Challenge curriculum and school- and community-based activities, exploring and solving the most critical challenges we face in lowa, the United States, and around the world. Many students note that Youth Institutes empower them to be leaders in their community, and that they have the tools to make a difference in agriculture and food security after participating in our programs.

In collaboration with our university partners in lowa and around the world, we offer high school students a platform to share their ideas, engage with leading researchers and learn about cutting-edge agricultural innovations that are shaping food systems.

Since the first two Borlaug-Ruan International Interns in 1998, more than 400 students have been placed at leading research and development organizations around the world. The Borlaug-Ruan International Internship is a transformative experience that introduces students to the scientific world, exposes them to cultural life in a different country, provides practical professional skills and highlights new career opportunities.

Through the USDA Wallace-Carver Fellowship program, we partner with the United States Department of Agriculture to build a pipeline of leaders in agricultural science, policy and careers in public service. The Fellowship includes a high-level leadership symposium in Washington, D.C. where Fellows participate in a series of briefings, tours, leadership development activities and discussions with USDA scientists, key government officials and global development leaders.

As another youth program created by the Foundation, the George Washington Carver Internship provides an opportunity to support the work of the World Food Prize Foundation and learn about issues related to global food insecurity, sustainability and international development. Interns work with World Food Prize Foundation staff and gain experience working in our archives, managing awards and lectures, creating our communications materials, planning the Borlaug Dialogue and supporting our youth programs.

The 2023 World Food Prize Foundation Youth Programs returned almost entirely to in-person experiences. The World Food Prize Foundation Virtual Youth Institute remains an online opportunity for students around the world to access our programming.

The World Food Prize Youth Programs are an important investment in Iowa's future workforce, advancing STEM education and innovation, youth empowerment, entrepreneurship and economic development statewide.



















Youth Institutes

The World Food Prize Youth Institutes engaged nearly 1,300 high school students this year in 19 states and 4 countries to explore issues related to agriculture, global hunger and STEM issues. Through WFPF Youth Institutes, high school students develop research, writing, problem solving and public speaking skills. The WFPF Youth Institutes are free and accessible to all students and educators who want to participate.

To participate, students research and write a paper on a critical global challenge – ranging from issues of plant breeding, animal and human nutrition and health to topics as diverse as conflict, education, human rights, infrastructure, food waste, and water scarcity. Students design their own original solutions, present their ideas to industry experts and take part in immersive, hands-on experiences. The WFPF Youth Institutes provide an opportunity for students to explore potential academic and career opportunities focused on STEM, agriculture and global development fields.

The WFPF Youth Institutes are hosted in partnership with public and Land Grant universities, as well as private and community colleges, who bring together industry and applied research, teaching and technology focused on the needs and opportunities of tomorrow.

Iowa Youth Institute

The lowa Youth Institute was created in 2011 as a dynamic new public-private partnership to innovate and advance food security and agricultural development, STEM education and youth development, workforce training, and economic growth in lowa. Each year, lowa high school students explore the most critical challenges facing food, agriculture, nutrition, health, energy and the economy through the World Food Prize Iowa Youth Institute, hosted in partnership with Iowa State University College of Agriculture and Life Sciences.

With nearly two-thirds of Iowa's high schools participating in these educational and leadership development programs, the Iowa Youth Institute is a leading model for increasing interest in STEM and agricultural careers among Iowa high school students. Since 2012, Iowa educators have engaged over 17,000 high school students across the state in researching critical issues in food security and development using the WFPF Global Challenge curriculum. Through the WFPF's educational programs, students are empowered to tackle challenges in their own communities and follow varied career, leadership, and volunteer pathways related to agriculture and food security issues. Over 3,000 of these motivated young leaders have gone on to participate in the Iowa Youth Institute at ISU.

After three years of virtual programming, the World Food Prize Foundation successfully returned to in-person programming for the 2023 lowa Youth Institute. The lowa Youth Institute was held at Memorial Union at lowa State University on April 24, 2023. Nearly 250 students and 70 educators from high schools across lowa participated in this year's event. Iowa State University and the World Food Prize Foundation collaborated on the development of educational activities for the Iowa Youth Institute. During the event, students presented their research to Iowa agriculture leaders and Iowa State University faculty. These experts asked questions and provided feedback on the students' research and recommendations. Students were also directly connected with ISU faculty to learn about potential academic and career paths focused on agriculture, food security and STEM. By participating in the Iowa Youth Institute, students were able to build their confidence, develop research skills and gain exposure to opportunities where they can have a meaningful impact.

Featured speakers this year included: Iowa Secretary of Agriculture Mike Naig; World Food Prize Foundation President Ambassador Branstad; Iowa State University President Wendy Wintersteen; World Food Prize Foundation Board Chair Paul Schickler; and President Emeritus Ambassador Kenneth Quinn. The Iowa Youth Institute is generously sponsored by Paul and Claudia Schickler and Iowa State University and also supported by the State of Iowa, Office of Governor and Lt. Governor, and over 50 leading Iowa businesses, non-profits and community-based organizations.

All lowa students who participated in the lowa Youth Institute can earn a \$1,000 scholarship to attend the College of Agriculture and Life Sciences at lowa State University, and can receive up to \$12,000 in scholarships to ISU if they advance to the Global Youth Institute and are selected for a Borlaug-Ruan International Internship. To date, the College of Agriculture and Life Sciences at ISU has distributed over \$600,000 to lowa students because of their involvement in the lowa Youth Institute and World Food Prize Foundation programs.

Global Youth Institute

The Global Youth Institute is a week-long academic conference, organized by the World Food Prize Foundation, focused on equipping young leaders with skills and knowledge related to agriculture, STEM and global food security issues. The Global Youth Institute coincides with the Norman E. Borlaug International Dialogue in Des Moines, Iowa. Global Youth Institute student delegates are selected through a competitive process based on their research papers and participation in one of the WFPF Youth Institutes.

Created by Dr. Norman Borlaug and John Ruan in 1994, the World Food Prize Global Youth Institute is designed to challenge and inspire the most promising young leaders in the world to address critical challenges related to agriculture and global food security. Dr. Borlaug often stated, "I am certain that these students will become tomorrow's agricultural, scientific and humanitarian leaders in the fight to end hunger." To date, nearly 4,000 students and over 1,000 teachers from 44 U.S. states and territories and 43 countries have participated in the World Food Prize Global Youth Institute. To date, over 1,600 lows students have participated in the Global Youth Institute.

This year, 151 exceptional students from 10 countries, supported by over 75 educators, were selected from the WFPF Youth Institutes to participate in the Global Youth Institute. Of note, 24 of these students were from Iowa.

After three years of virtual programming, the 2023 Global Youth Institute returned an in-person event in Iowa. At the Global Youth Institute, student delegates presented their research findings and recommendations in roundtable discussions with experts from across Iowa and around the world; explored and learned about cutting-edge industry innovations; and engaged with World Food Prize Laureates and a range of global leaders in science, industry and policy.

The Global Youth Institute paralleled the content and subthemes of the Norman E. Borlaug International Dialogue. Throughout the week students engaged in discussions centered the topics of innovation, regeneration, nourishment, resilience, empowerment and mobilization. Industry and government leaders joined to share their agriculture and food security expertise with the students, including Secretary of Agriculture Tom Vilsack, USDA Deputy Under Secretary, Research, Education, and Economics Sanah Baig, Bayer Crop Science North America President Dr. Jackie Applegate, Corteva Global Academics Leader Ronda Hamm, Iowa dairy farmers Amber and Ben Selman and Deere & Company Senior Vice President & Chief Financial Officer Josh Jepsen. The students also engaged in conversations with several past World Food Prize Laureates, including Lawrence Haddad, Jan Low, Dr. Cynthia Rosenzweig and Catherine Bertini.

A significant portion of the Global Youth Institute was focused on building the skills and knowledge of the student delegates through collaborative activities. Students presented research that they have conducted before a panel of roundtable experts. The students also participated in a collaborative team project where students were assigned a country and tasked with building solutions to address food security challenges within that country. Throughout this activity students analyzed the role and perspective of farmers, research scientists, private business, non-government organizations and the government in addressing large scale issues.

As the culminating experience of the 2023 Global Youth Institute, the students and educators had the opportunity to speak with Heidi Kühn, the 2023 World Food Prize Laureate, to discuss her work to transform former minefields into farms and vineyards. Heidi provided students with guidance on how they can make a meaningful difference in the world.

The Global Youth Institute provided a memorable experience for students to deepen their understanding of agriculture, STEM and food security issues. In 2024 the Global Youth Institute will celebrate 30 years!









Borlaug-Ruan International Internship

The Borlaug-Ruan International Internship is a unique program providing high school and college students an all expenses paid, hands-on experience working with world-renowned scientists at leading research and development organizations around the globe. Borlaug-Ruan Interns explore their interests and contribute to work, solving agricultural, nutritional, health, economic and environmental problems around the world. Since 1998, the World Food Prize Foundation has placed 417 students - including 229 from Iowa - in internships at 34 of the top agricultural research and development organizations in Africa, Asia, the Americas and the Middle East.

With the return of placing students in-person for the first time since 2019, the World Food Prize Foundation prioritized traveling to international partner sites to evaluate the safety and suitability of host sites, as well as strengthen our partnerships with each organization through face-to-face interaction. We completed 11 evaluations in 5 countries in late 2022 and 2023, resulting in stronger partnerships, more comprehensive understanding of our partners' work and more opportunity to fulfill the WFPF mission of elevating the innovations of our partners and inspiring action among our staff and the youth with whom we work.

In recent years, we removed the United States citizenship requirement for the Borlaug-Ruan International Internship in an effort to provide opportunities to the students we include in our Youth Institutes from around the world. In 2023, we placed our first non-U.S. Citizen Borlaug-Ruan International Intern with the International Potato Center in Lima, Peru. Huda Ibrahim, a high school student in Sweden, paved the way as an exemplary ambassador of the World Food Prize Foundation during her internship. Her participation created an opportunity for us to double our international applicant pool for the 2024 internship.

Additionally, we solidified a new international partner to host interns in San Jose, Costa Rica. The Inter-American Institute for Cooperation on Agriculture (IICA) has become a close partner to the World Food Prize Foundation over the last year, and provided unique opportunities for two interns to study digital agriculture and gender empowerment in the context of the Americas.

Those interns were two of 15 students selected for a 2023 Borlaug-Ruan Internship with research centers in Costa Rica, India, Kenya, Peru and the U.S. Five interns were from Iowa, or have significant ties to Iowa (e.g. attend Iowa State University). These five emerging leaders bring a wealth of experience back to Iowa in the areas of socioeconomics, water conservation, African food systems, Climate Smart Agriculture, digital solutions to climate change and women's empowerment. As a direct result of their Borlaug-Ruan International Internship, all five interns from Iowa expressed that they are encouraged to continue their path in STEM and food systems.

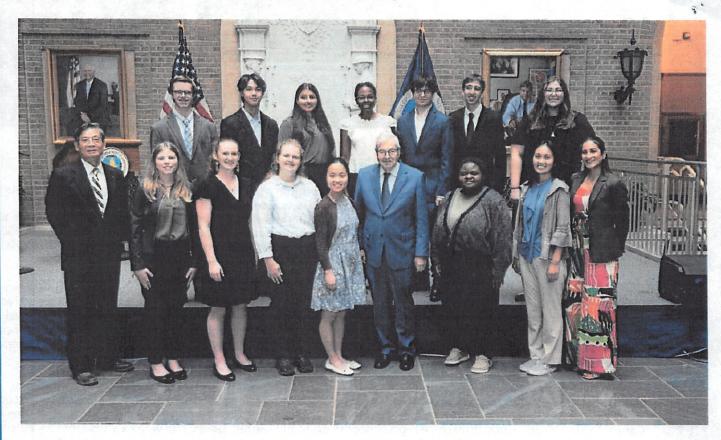
"My time in Costa Rica was nothing short of transformative. I feel that I have developed both personally and professionally, and despite any challenges that I faced, this experience has only solidified my wish to have a global career in the field of agriculture. I cannot wait to see where this internship experience will take me in the future."

- Haylie Moore, from Montezuma, Iowa, sophomore at Iowa State University

"I am eternally grateful to have had this opportunity to conduct research and explore my interests while having the ability to see an area of the world that I had never been to before. It was eye-opening in more ways than one. I look forward to more such experiences with the World Food Prize Foundation, be it taking part in more learning experiences or taking up leadership positions to guide the next generation of students."

- Saumya Balaji, from Johnston, Iowa, sophomore at Iowa State University

USDA Wallace-Carver Fellowship



Named for Henry A. Wallace and George Washington Carver, two extraordinary lowans and great American leaders in agricultural science and policy who made significant strides toward ending hunger in the 20th century, the USDA Wallace-Carver Fellowship seeks to educate, inspire and train the next generation of agricultural leaders who will lead us in the 21st century.

The Fellowship offers exceptional college students the opportunity to collaborate with leading American scientists and policymakers at the U.S. Department of Agriculture (USDA) through paid fellowships at 13 USDA agencies, 11 Executive offices and over 90 research centers and laboratories across the United States.

Fellows have the opportunity to take part in groundbreaking field and laboratory-based research, analyze agricultural and economic policy and assist in the management of food, nutrition and rural development programs. Additionally, Fellows participate in a week-long high level leadership symposium in Washington, D.C. as part of their experience. In 2023, Fellows met with the United States Department of State's Office of Global Food Security, the United States Agency for International Development, the United Nations International Fund for Agricultural Development, USDA leadership and many other key government officials and American thought leaders.

In 2023, thirteen Wallace-Carver Fellows were placed in paid, full-time professional positions at USDA in the Agricultural Marketing Service (AMS), Agricultural Research Service (ARS), Economic Research Service (ERS), and the Office of the Secretary (OSEC).

Of the 13, Flora Kafunda represented Iowa and is a junior at Iowa State University hailing from Cedar Rapids. She spent her Fellowship in Oxford, Mississippi at the Water Quality and Ecology Research unit with ARS where she was involved in critical fieldwork and lab analyses aimed at understanding various sediments in the Lower Mississippi River Plain.

"Because of the Wallace-Carver Fellowship, I have experience in the field I am interested in and I gained connections with professionals in the field. It widened my perspective of what is possible in the trajectory of my career path."

- Dylan Haynes, University of Minnesota, Twin Cities



George Washington Carver Internship

The George Washington Carver (GWC) Internship is a professional opportunity for college students to work at the World Food Prize Foundation. Working one-on-one with a staff mentor, GWC Interns become an integral part of the team, learning first-hand both the public and private side of operating an international non-profit organization, helping coordinate the Foundation's events and programming and interacting with World Food Prize Laureates and a wide array of leaders in science, industry, government, academia and media.

In 2023, 18 George Washington Carver Interns worked at the WFPF – six interns in the Spring cohort, nine interns supporting the Foundation staff in the Summer cohort and nine interns in the Fall cohort (some remained in their internship over multiple semesters). The GWC Internships have been completed as a hybrid professional experience for the past three years, with both virtual and in-person components. Beginning in 2024, we are returning to fully inperson internships for local students.

Since 2000, nearly 400 undergraduate and graduate students have worked at the WFPF as George Washington Carver Interns, a majority of whom are from Iowa.

"The most rewarding part of this internship was acquiring the vast amount of knowledge, information, and planning that goes into the Borlaug Dialogue and similar events, such as the lowa Hunger Summit. Learning all of the aspects and inner workings that go into planning this event was very interesting and I am very glad I got to be a part of the planning for the 2023 Borlaug Dialogue. I also gained further knowledge on food security and ending hunger as a result of this internship." - Ashley Dyson, Coraville, IA, 2023 George Washington Carver Intern

Global Guides Teacher Training Program

The WFPF Global Guides Program is a seven-month professional development program for educators - of all backgrounds, teaching disciplines, and grade levels - focused on innovation in global learning and food security education. The program includes a series of virtual training sessions, team and individual projects, and coaching throughout the year, as well as face-to-face instruction and immersion at the Borlaug Dialogue and World Food Prize events in Des Moines in October.

In 2023, 24 educators from Israel, the Netherlands and the United States were competitively selected to participate in the fifth Global Guides training cohort, which began in September 2023 and will conclude in March 2024.

Since 2018, over 100 talented educators across the United States, Australia, Israel, Mexico, Netherlands, China, Honduras and Kosovo have benefitted from the Global Guides program – including 23 Iowa educators.

LAUREATE LECTURE SERIES

The annual Laureate Lecture Series brings the benefits of the Borlaug Dialogue to communities across lowa, building 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.

Since the series' inception in 2002, the Foundation has partnered with 41 lowa colleges, universities, high schools, middle schools, businesses and professional and community organizations to arrange over 250 formal lectures—many of which are open to the general public free of charge—featuring presentations by our esteemed World Food Prize Laureates, Borlaug Field Award recipients and other international experts and leaders.

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

The Borlaug Lecture was given by the 2023 World Food Prize Laureate, Heidi Kühn, and was titled "Removing Landmines, Supporting Farmers: Cultivating Peace Through Agriculture". Iowa State University President Dr. Wendy Wintersteen hosted and moderated the event in the Memorial Union, which drew a large audience of more than 150 individuals from the Iowa State community, and the <u>recording</u> continues to be viewed online.

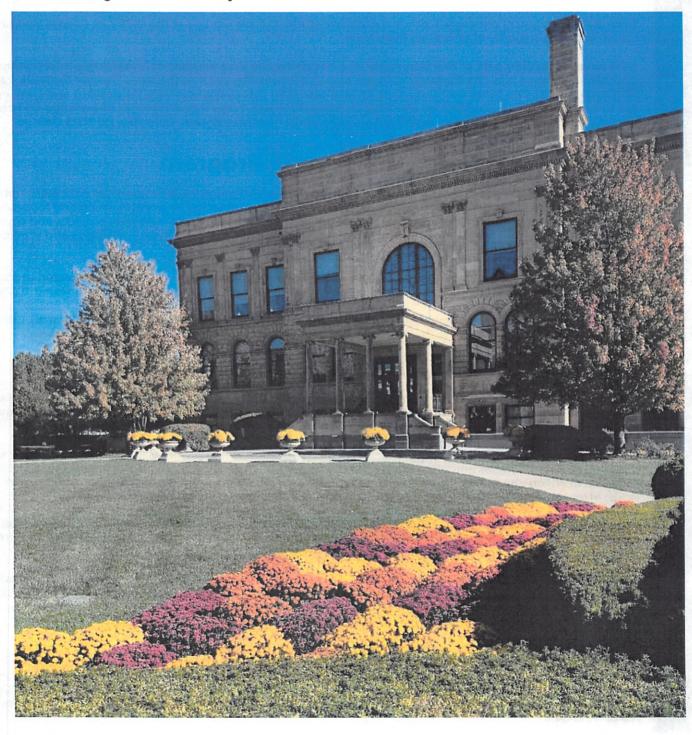
In addition to the Borlaug Lecture at Iowa State, nine other in-person lecture events took place in October 2023, including at the following institutions: ISU Global Resource Systems Program in Ames; Central College in Pella; Grand View University in Des Moines; Kirkwood Community College in Cedar Rapids; Simpson College in Indianola; William Penn University in Oskaloosa; and the University of Minnesota. In March 2023, the 2022 Laureate Cynthia Rosenzweig gave a virtual presentation on her journey in agriculture for John Deere's celebration of Women's History Month.

PRESERVING IOWA'S ARCHITECTURAL TREASURE AND OUR STATE'S HERITAGE

This year marked 12 years since the Norman E. Borlaug Hall of Laureates' stunning \$29.8 million transformation from the Des Moines Public Library to the global headquarters of the World Food Prize Foundation. In that time, the Hall of Laureates has educated over 20,000 visitors about not only Dr. Borlaug's story, but the stories of the 53 World Food Prize Laureates, whose innovative research has increased the quantity, quality and availability of food for all. This Iowa architectural treasure continues its integral role as a public museum, convocation center and educational facility, informing all who visit about Iowa's humanitarian and agricultural heritage.

The Hall of Laureates has seen an increase in demand for private events, local business meetings with community partners, and tours with both the public and partner organizations in both Des Moines and Central lowa. The Foundation continues to keep outreach and community engagement at the forefront, as we plan our events and tours for 2024.

The Janis and John Ruan III Garden continues to be a destination for downtown visitors and residents, providing a welcoming green oasis in the heart of Downtown Des Moines, and a place of special recognition for both Dr. Norman Borlaug and the Ruan family.





ABOUT THE HALL OF LAUREATES

Over the past 12 years, this historic building and its public gardens have welcomed over 200,000 guests from across lowa as well as the national and international arena.

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. Through its open houses and private and group tour opportunities, the building is open to the public free of charge several times each month. We continue to welcome thousands of visitors from across the United States as well as diplomats and business and agricultural leaders from countries around the world; this year's tours included delegations and/or visitors from every continent except Antarctica. To all who visit, the abundant artwork and storytelling elements convey the achievements of lowa's humanitarian and agricultural heroes who have fed the world and whose innovations and tireless efforts to ending hunger stand as a true testament to Dr. Borlaug's legacy.

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 lowa architectural landmark. In addition, the Hall has held a variety of international gatherings, weddings, board meetings and numerous celebrations. Included among these gatherings in 2023 were:

- · Margaret Hoover with Firing Line
- Chinese Delegations
- John Deere and John Deere Region 2
- Drake Law and Pharmaceutical Receptions
- Iowa PBS Filming
- ITA Group Inc.
- Corteva
- Lieutenant Governor's Reception
- Greater Des Moines Partnership
- · Mercy College of Health Sciences, President Inauguration
- Iowa Automobile Dealers Association
- Candlelight by Fever (A public event that has brought over 5,000 attendees)

The Hall of Laureates maintains its status as a LEED Platinum building, the highest possible rating by the U.S. Green Buildings Council for leadership in energy efficiency and environmental design. A difficult feat to accomplish in a century-old building, there are only a handful of 19th century designed buildings in the country to achieve this LEED Platinum rating while being on the National Register of Historic Places. No other building in lowa has held both designations. Included among the building's energy efficiency features are 90 solar panels on the roof, 102 geothermal wells in the gardens, and an 8,000-gallon cistern under the east staircase.









ABOUT THE WORLD FOOD PRIZE FOUNDATION

An inspiration of Nobel Peace Prize Laureate Dr. Norman Borlaug, the World Food Prize was established in 1986 to be the foremost international award recognizing the achievements of individuals who have advanced human development by improving the quality, quantity and availability of food in the world. In creating the World Food Prize, Dr. Borlaug envisioned a prize to honor those who have made Nobel-like contributions to improving the world's food supply. The World Food Prize Foundation is now recognized as the "Nobel Prize for Food and Agriculture."

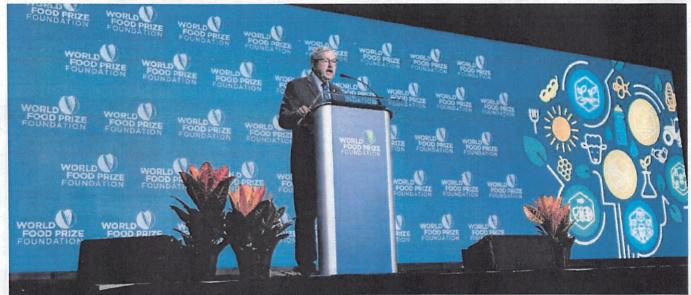
The World Food Prize first came to lowa in 1990 when John Ruan, Sr., rescued the Prize after its original sponsor withdrew. As one of lowa's most successful businessmen and a well-known philanthropist, John Ruan stepped forward to endow and establish the World Food Prize in Des Moines. Dr. Borlaug and Mr. Ruan were instrumental in the growth and success of the Foundation and remained active supporters until their respective deaths in 2009 and 2010. With the generous support of lowa Governor Kim Reynolds, the lowa Legislature, public foundations and private entities, the Prize continued to grow and thrive under leadership and direction of Foundation Chairman, John Ruan III, from 2000 to 2021. In 2021, sadly John Ruan III passed. Paul Schickler, former CEO Pioneer Hybrid and WFPF Board member, became Chair of the Foundation, with Rachel Ruan McLean as the Vice-Chair, alongside the continuing leadership of Foundation President Ambassador Terry Branstad and Chief Operating Officer Mashal Husain.

Building on 37 years of elevating innovations and successful programs focused on lowa and global food security as well as youth education, the World Food Prize Foundation looks forward to continuing its role in placing lowa at the center of global agriculture and inspiring the next generation of lowa agricultural innovators.

















Celebrate

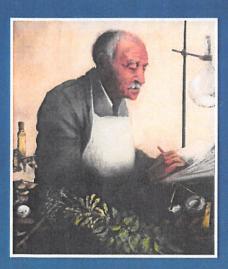
GEORGE WASHINGTON CARVER DAY

FEBRUARY 1, 2024 | 8:30 A.M. - 11:30 A.M.

WORLD FOOD PRIZE HALL OF LAUREATES | 100 LOCUST STREET | DES MOINES, IA

FREE EVENTS OPEN TO THE PUBLIC:

- 9 A.M. AND 10 A.M. GUIDED TOURS World Food Prize Foundation Docents Provide Tours of the Hall of Laureates
- 9:30 A.M. CHILDREN'S STORY TIME "The Boy Who Changed The World"
- World Food Prize Artist Speaks About Her Painting



II A.M. - ONE-MAN PLAY ABOUT GEORGE WASHINGTON CARVER

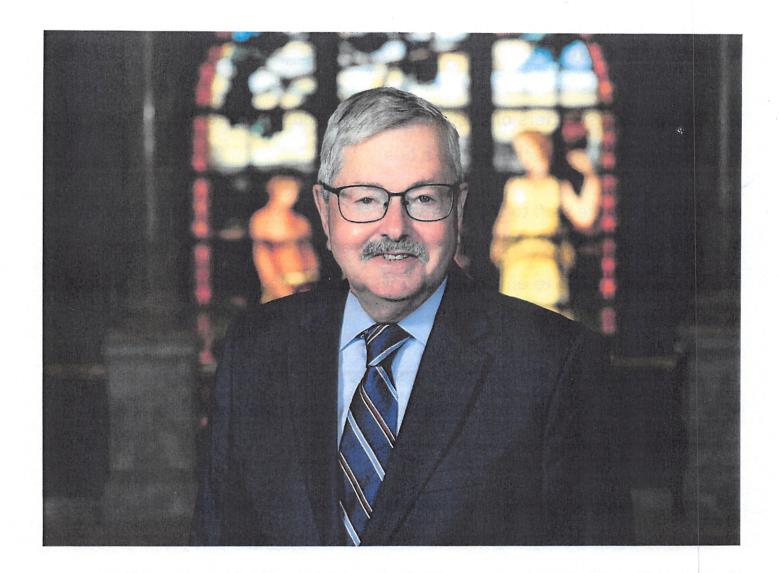
Performed by Iowan Paxton Williams

Dr. George Washington Carver was an agricultural scientist and inventor who developed hundreds of products using peanuts, sweet potatoes and soybeans. Born into slavery before it was outlawed, Dr. Carver left home at a young age to pursue education and would eventually earn a master's degree in agricultural science from Iowa State University.

He would go on to teach and conduct research at Tuskegee University for decades, and soon after his death, his childhood home would be named a national monument—the first of its kind to honor a Black American.

IN 2023, THE STATE OF IOWA ESTABLISHED FEBRUARY 1 AS GEORGE WASHINGTON CARVER DAY IN IOWA.





Build on the 'Borlaug legacy'



BY EMILY BARSKE WOOD

For one of his first orders of business as the president of the World Food Prize Foundation, Terry Branstad rented a bus.

He wanted to take staff to the farm south of Cresco where the late Norman Borlaug grew up before becoming a world-renowned ag researcher and humanitarian. Only one employee had visited the site, and Branstad thought it was time that changed.

Borlaug's research and advocacy eventually won him the Nobel Peace Prize, and he went on to create the World Food Prize with the goal to recognize those helping to fight food insecurity globally.

Today, the World Food Prize Foundation celebrates those who put that mission into practice, facilitates conversations among global leaders about food and agriculture in Des Moines, and offers educational programming, among other things.

Like Borlaug, Branstad grew up on an lowa farm, but his work has taken him around the world. Branstad maintains the record as the longest-serving governor in the country and was appointed the ambassador to China by former President Donald Trump. He never imagined leading the World Food Prize Foundation, but when approached about the opportunity – it just made sense. Branstad said.



sponsorship of businessman John Ruan II during Branstad's first stint as Iowa's governor, and the state supported the work. Then, in 2006, former Govs. Branstad, Robert Ray and Tom Vilsack served as honorary co-chairs when the foundation created the Iowa Hunger Summit, which would begin the next year.

We recently caught up with Branstad to discuss how he's using his career experience to lead the foundation and his goals for the organization.

The following Q&A has been edited and condensed for clarity.

You've been in the role about a year. I'm curious how you've been taking your background in policy and ag into this work.

First of all, of course, I was governor when John Ruan, Sr. teamed up with Norman Borlaug to bring the World Food Prize here. So I've been familiar with the program from the time it came to lowa in 1990. The state has had great bipartisan support.

Of course, I grew up on a farm. I've always had an interest in agriculture. In my years as a state representative, lieutenant governor and governor, I had a close relationship with the commodity organizations, the Farm Bureau and all the ag groups. I was governor during the farm crisis in the 1980s. We were going through some very difficult, stressful times. We closed 38 banks, and land value dropped 63%. I worked really hard not only to help farmers, but also to add value to agriculture. That's where we really started to focus on things like ethanol, biodiesel, wind energy and also food processing.

IOWA STOPS HUNGER

Barilla, Ajinomoto, Roquette, Boehringer Ingelheim and many others. Cargill, ADM, the list goes on. But so now being in this position at the World Food Prize, I have had a long history with the ag groups and with the food groups, and so it's just natural to call on them. Part of the job of the president of the World Food Prize is to raise money to support the programs. Of course we are blessed to have the support of the Ruan family and the endowment that they created.

But we do a lot of things. We do the youth leadership program, which was started at Iowa State and now we're in 40 different states and several foreign countries. We also have the Iowa Hunger Summit. Borlaug said that no person should go to bed hungry or should starve in this world. Even in Iowa, where we're such an abundant food-producing state, we still have people with hunger issues. The former Govs. Robert Ray, Tom Vilsack and I all initiated the idea of a Hunger Summit at the time that Chet Culver was governor.

So when I was approached last January about this job, first of all, I never imagined it and this wasn't something that I sought after. I was approached about it and I thought, gosh, this makes a lot of sense because I have been a strong supporter of the World Food Prize from the get-go. I know a lot of the key players in the agriculture community and then in the food industry. And you can't run for governor without learning how to raise money, so I've learned how to do that as well.

It's been fun and it's been a great group to work with here. Chief Operating
Officer Mashal Husain has been here for 15 years. Of course, Ambassador Ken



that. I'm pleased with the success we've had the first year. We had nearly 1,400 people from 83 countries that were here. That was a record number of countries represented. Heidi Kühn was the recipient of the 2023 World Food Prize; she's got a great story and she's got a great personality, and she's done some wonderful things. (Kühn's work has supported demining partners in Afghanistan, Angola, Azerbaijan, Cambodia, Croatia, Israel, Iraq, Palestinian areas, and Vietnam, allowing local farmers safe access to irrigation canals and arable land for cultivation. Her organization has also started working in Ukraine.)

Tell me a little bit about when you all were involved in creating the lowa Hunger Summit. What was it like when you all came together to start it?

The World Food Prize was already having the Borlaug Dialogue, and we decided that we ought to have some focus on addressing hunger in lowa. It started as a luncheon at the Borlaug Dialogue in 2007 and it was a great success. (The luncheon had randomized cards for attendees to draw from that told them which level of income, from low to high, their meal represented.) You ate what they served you depending on which group you were in. But so it gave people a taste of what it is like in different circumstances.

Now we're doing the lowa Hunger Summit separate from the Borlaug
Dialogue. We did it this year here at the World Food Prize Hall of Laureates.
We had Gov. Kim Reynolds, we had all three university presidents. We had
Kelly Kennedy Garcia, who leads the state's Health and Human Services
department. All three of the universities now have food banks on each of their



involved in helping, were here.

We discussed addressing the issue in rural lowa, where it's really hard for grocery stores to stay in business. A lot of these smaller communities have a lot of elderly residents, and it's really hard for them to get nutritious food. Rep. Brian Lohse and his wife started a grocery store in Bondurant and then recently sold it to Fareway. I have been working with him on the issue. The state of Kansas has done something to help these rural grocery stores stay in business. We are hoping to have legislation introduced to have a revolving loan program or something like that. I grew up in a small town; Leland, lowa, has no grocery store anymore. They had two when I was a kid, and now they have none. A lot of smaller communities, maybe they've got a convenience store, or nothing at all. So that's one of the challenges. But it's really good to get people together to talk about food issues and talk about how we can combat hunger in a state that is such a huge producer of food, exporter of food — but we also need to take care of our own people.

On that topic, what role do you feel lowa plays in solving food insecurity around the world?

I think we play a very key role. The food banks and food pantries play a very important role that has really grown over the years, and it's been critically important here in recent years, too. I remember talking to Miriam Erickson from Anderson Erickson; they donate a bunch of milk and products to the food banks and food pantries. A lot of the grocery industry is very involved in that



I think for our audience, in particular, I'd love to hear your thoughts about how the business community plays a role.

The business community has played a very important role, especially the companies that are involved in the food industry, in donating surplus food. If we have an event here, we'll donate the food that's not used to DMARC, the Young Women's Resource Center or whoever is in need at the time. Food waste is a huge issue, too, that we need to try to address. We need the business community to look at the opportunity to donate financially or in-kind.

And what about the average individual? How would you say they can help?

First of all, I think they look at how they can contribute to groups like the food banks or food pantries. A lot of the churches are very involved in this as well. lowans, for the most part, are very generous people, and when they see a need are willing to pitch in and help, whether it's refugees or whether it's people that are just in need.

Tell me a little bit about your work with U.S.-China relations and how that's tied into this work.

Well, China is a huge country: 1.4 billion people, they're the second largest economy in the world. My relationship with China goes way back. I signed a sister-state agreement my first year as governor with Hebei, which is a province surrounding Beijing. When I went there the first time, it was really a different place than it is today. I've been back several times and I was



production. They already are short of enough land to feed themselves, so that's why for a state like lowa, China is a very important export market. When I was ambassador, they suffered the African swine fever, which really decimated their pork herd, and we helped them rebuild it. We export a lot of soybeans, pork, now corn, beef and chicken as well, to China. They're an important market there. I've worked with commodity groups to build long-term relationships with the Chinese buyers.

They're an authoritarian communist system very much different than ours. They don't have the freedom of speech and assembly that we have. They have significant surveillance of their own people. If you dare say something negative, about President Xi Jinping or the Communist Party, you may lose your rights, to ride on the high speed train, to go on an airplane, to get a visa. So people are very much in fear of saying anything critical. Unlike this country where people can say whatever they want to, in China, they don't dare. (Branstad also described specific transgressions by the Chinese government against its citizens, such as religious persecution and attacks on the press.)

In one sense, I love the Chinese people. The Chinese people are very nice. They have a very strong work ethic. They're very entrepreneurial. They're very committed to education. On a personal basis, I was the first governor to host Xi Jinping. He calls me an old friend because of the way we treated him in '85. (After a press conference when Branstad arrived in China as the new ambassador, Xi invited the Branstad family to have dinner with his wife and daughter.) And yet, from a policy perspective, we've been very disappointed with the direction he's led China. We thought he would be a reformer but he



the relationship with China because they're a big market. They're important to us, and we've got to continue to work to try to eliminate some of the bad practices, such as stealing technology, or not recognizing intellectual property rights. But we did make progress with the Phase 1 trade agreement and it's still in place, but it's not perfect. It's not been totally adhered to, but it was a very major step forward.

Tell me more about the issue of China not having enough farmland to feed their own population.

They have so many mountains, deserts, and then they've overused chemicals and fertilizer. Some of their land can't be used because of the pollution that's caused. They have become more aware of the air pollution and are addressing that. We still have a long way to go, but it got better every year I was there when I was the ambassador. But they have a huge problem with soil and groundwater pollution that they haven't addressed.

Do you see that as something that's an issue outside of China, too, in terms of fighting food insecurity?

Oh, yeah, it is. China is still building coal plants, not only in China, but throughout the world. The Chinese have the Belt and Road Initiative and they'll come into these underdeveloped countries and they'll build the infrastructure and they'll put in power plants, but a lot of them are coal plants. There's a lot of issues with that, too.



The first thing I wanted to do is put the focus back on the legacy of Norman Borlaug and John Ruan. (The Great Depression hit about the time Borlaug graduated from the University of Minnesota, and the job he'd lined up with the USDA and the Forestry Service fell through).

Borlaug ended up getting his Ph.D. and became this great ag researcher. He did a lot of his research in Mexico, and one of his big accomplishments was he developed a strain of wheat, which was disease resistant and got higher yields and it didn't fall over. He worked with the people in India, Pakistan, Iran – preventing many people from starvation. So that's why he got the Nobel Peace Prize.

(The Nobel Committee did not specifically have an award for food and agriculture.) But Borlaug wanted one for food and ag and the committee said, "Sorry, can't do it." So he said, "I'll do it myself." So he teamed up with the General Foods in New York, but then they got bought out and decided to discontinue it. Then he went to Des Moines and was able to get John Ruan to partner with him. Elaine Szymoniak, who was a Democratic state senator from here in Des Moines, became a real champion. I was governor, I supported it. We got bipartisan support and we got it here. Herman Kilpper ran it at first and then Ambassador Quinn retired from the State Department, and he took on the job and in 20 years he really built it. The organization went through a difficult time with COVID and they did some virtual things during that time, but we're really building back now. That's part of my mission is to build on the Borlaug legacy.



Hall of Laureates, and of course he's since passed away as well. But we raised money to fund a John Ruan III Lecture. So that's part of what I'm trying to do is honor and recognize the Ruan family as well as the Borlaug family.

I think our audience would be curious to know with all of the positions you've held, what would be your advice for other leaders?

My advice is whatever you're doing, work hard at it. Excel, and other people will recognize it and it can open other opportunities.

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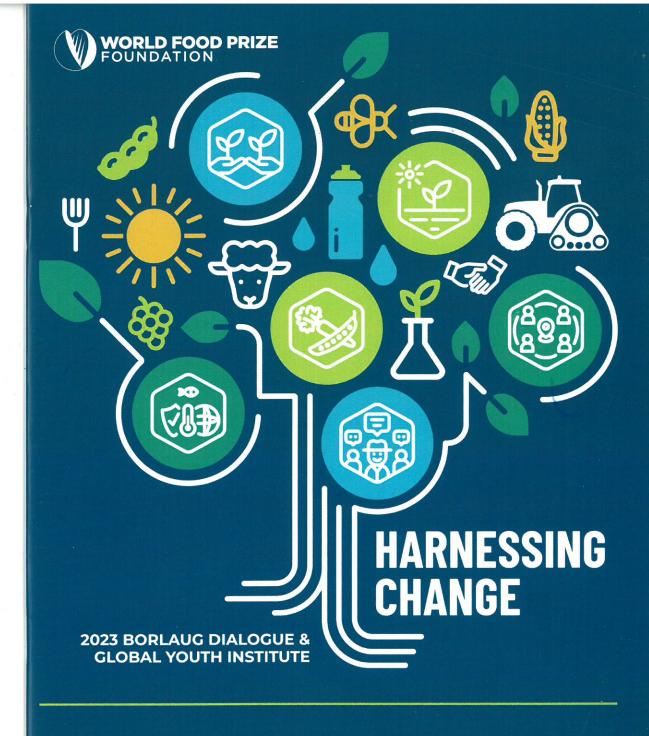




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CAgenda

TUESDAY, OCTOBER 24, 2023

8:30 A.M. - 9:30 A.M. | LAUREATE BREAKFAST | THEME: LET'S EAT WHAT THEY HAD 4TH FLOOR IOWA EVENTS CENTER

9:30 A.M. - 10:30 A.M. | BREAKOUT SESSION | ROOMS 309 AND 310 Using Virtual Reality for Product Stewardship Training Hosted By: CropLife International

10:45 A.M. - 11:45 A.M. | BREAKOUT SESSION | ROOMS 319 AND 320

The Remarkable Transformation of Food Systems in Telangana, India: A Demonstration of Resilience and Empowerment Hosted By: Telangana State, India

11:45 P.M. - 12:45 P.M. | LUNCH | THEME: THE SOCIAL DETERMINANTS OF FOOD 3RD AND 4TH FLOORS IOWA EVENTS CENTER

- 1:00 P.M. 1:15 P.M. | WELCOME REMARKS
 Mashal Husain | Chief Operating Officer, World Food Prize Foundation
- Ambassador Terry E. Branstad | President, World Food Prize Foundation

1:15 P.M. - 1:45 P.M. | OPENING KEYNOTE

• Hon. Tom Vilsack | U.S. Secretary of Agriculture, U.S. Department of Agriculture

1:45 P.M. - 2:00 P.M. | KEYNOTE ADDRESS

· Hon. Qu Dongyu | Director-General, Food and Agriculture Organization of the United Nations

2:00 P.M. - 2:40 P.M. | FIRESIDE CHAT | MAKING BIG BETS: HOW LARGE-SCALE CHANGE **REALLY HAPPENS**

- Dr. Rajiv Shah | President, The Rockefeller Foundation
- Catherine Bertini | 2003 World Food Prize Laureate | Chair, Executive Board, Global Crop **Diversity Trust**

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ALL SESSIONS LOCATED IN 4TH FLOOR BALLROOM IOWA EVENTS CENTER UNLESS OTHERWISE NOTED

2023 BORLAUG DIALOGUE AGENDA

2:40 P.M. - 3:00 P.M. | 2023 NORMAN E. BORLAUG FIELD AWARD FOR FIELD RESEARCH AND APPLICATION, ENDOWED BY THE ROCKEFELLER FOUNDATION PRESENTATION

- Swati Nayak | 2023 Borlaug Field Award Recipient | Scientist and South Asia Lead for Seed System and Product Management, International Rice Research Institute (IRRI)
- Dr. Rajiv Shah | President, The Rockefeller Foundation
- Ronnie Coffman | Member, World Food Prize Foundation Council of Advisors | Vice Chair, Borlaug Global Rust Initiative, Cornell University

3:00 P.M. - 3:40 P.M. | MASAGRO: TAKING IT TO THE FARMER

- Lindiwe Majele Sibanda | CGIAR System Board Chair, CGIAR
- Bram Govaerts | 2014 Borlaug Field Award Recipient | Director-General, International Maize and Wheat Improvement Center
- Stephanie Angomwile | Farmer from Zambia | Chief Executive Officer, Afriseed
- Guillermo Bretón | Farmer from México | Member, Global Farmer Network
 María Beatriz (Pilu) Giraudo | Farmer from Argentina | Honorary President, Argentine Association of Producers in Direct Sowing

3:40 P.M. - 4:20 P.M. | NOURISHING OURSELVES AND THE PLANET

- Lawrence Haddad | 2018 World Food Prize Laureate | Executive Director, Global Alliance for Improved Nutrition (GAIN)
- Krysta Harden | President and CEO, U.S. Dairy Export Council
- Gérardine Mukeshimana | Vice-President, International Fund for Agricultural Development
- Dr. Soumya Swaminathan | Chairperson, M.S. Swaminathan Research Foundation
- Jim Sutter | CEO, U.S. Soybean Export Council

4:20 P.M. - 4:30 P.M. | KEYNOTE ADDRESS

• H.E. Kashim Shettima | Vice President, Federal Republic of Nigeria

4:30 P.M. - 5:10 P.M. I FARMERS AT THE FOREFRONT: DELIVERING GLOBAL CLIMATE. ADAPTATION AND FOOD SYSTEM SOLUTIONS | 2023 KLECKNER GLOBAL FARM **LEADER AWARD**

- Julie Borlaug | Member, World Food Prize Foundation Council of Advisors | President, Borlaug Consulting and the Borlaug Foundation
- Marcus Holtkoetter | Farmer from Germany | Member, Global Farmer Network Paulina Ngurumwa | Farmer from Tanzania | Unit Coordinator: Gender, Women and Children's Affair, KINNAPA Development Programme Chairman
- Timothy Rhodd | Chairman, Iowa Tribe of Kansas and Nebraska
- Bharat Taware | Farmer from India | Managing Director, Sohan Industries Private Limited

5:10 P.M. - 5:20 P.M. | THE IMPACT OF CONFLICT ON FOOD SECURITY AND THE ROLE OF TECHNOLOGY AND DATA IN ADDRESSING THESE CONFLICTS

Rotimi Williams | Farmer from Nigeria | Member, Global Farmer Network

5:20 P.M. - 6:00 P.M. | HEALING AFTER CONFLICT: FARMER LEADERS' ESSENTIAL ROLE IN RECOVERING FROM WAR AND DESTRUCTION

- Julie Borlaug | Member, World Food Prize Foundation Council of Advisors | President, Borlaug Consulting and the Borlaug Foundation
- Kornelis "Kees" Huizinga | Farmer from Ukraine | Member, Global Farmer Network
- Patience Koku | Farmer from Nigeria | Global Farmer Network
- Jose Luis Chacon Gonzalez | Farmer from Colombia | Member, Global Farmer Network

WEDNESDAY, OCTOBER 25, 2023

7:30 A.M. - 8:30 A.M. | BREAKFAST | THEME: ENCOURAGING INNOVATION EVERYWHERE 4TH FLOOR IOWA EVENTS CENTER

9:00 A.M. - 9:40 A.M. | A VISION FOR HARNESSING CHANGE

- · Cary Fowler | U.S. Special Envoy for Global Food Security, U.S. Department of State
- Lindiwe Majele Sibanda | CGIAR System Board Chair, CGIAR
- Gérardine Mukeshimana | Vice President, International Fund for Agricultural Development
- Cynthia Rosenzweig | 2022 World Food Prize Laureate | Senior Research Scientist, NASA Goddard Institute for Space Studies

9:40 A.M. - 10:35 A.M. | FROM LANDMINES TO GRAPEVINES: THE INSPIRATION OF **PRINCESS DIANA**

- Heidi Kühn | 2023 World Food Prize Laureate | Founder and CEO, Roots of Peace
- Cheryl Jennings | Journalist, Cheryl Jennings Consulting and Cheryl Cam Media
- Ambassador Kenneth M. Quinn | President Emeritus, World Food Prize Foundation

10:35 A.M. - 11:15 A.M. | BUILDING GLOBAL RESILIENCE

- Hon. Anne Beathe Tvinnereim | Minister of International Development, Norway
 The Rt Hon. Mark Spencer, MP | Minister of State for Food, Farming and Fisheries,
- Department for Environment, Food and Rural Affairs, United Kingdom
 H.E. Shaikh Abdulla Rashed Al-Khalifa | Ambassador of the Kingdom of Bahrain to the United States of America, Embassy Of The Kingdom Of Bahrain
 Hon. Ramin Toloui | Assistant Secretary, Bureau of Economic and Business Affairs,
- U.S. Department of State

11:25 A.M. - 12:25 P.M. | BREAKOUT SESSION | ROOMS 319 AND 320

Regenerative Organic Agriculture: Economic, Environmental, Scientific and Human Impacts Hosted By: Grgich Hills Estate and Roots of Peace

11:25 A.M. - 12:25 P.M. | BREAKOUT SESSION | ROOMS 309 AND 310

Feeding More with Less: A Look Across the Supply Chain

12:35 P.M. - 1:35 P.M. | LUNCH | THEME: EMBRACING DIVERSITY AND BUILDING RESILIENCY

12:45 P.M. - 1:30 P.M. | SUSTAINABLE SOLUTIONS FOR EVERY LIFE, EVERY DAY TO **HARNESS CHANGE**

- Chavonda Jacobs-Young | Under Secretary, Research, Education and Economics and Chief Scientist, U.S. Department of Agriculture Meagan Kaiser | Chair, United Soybean Board Executive Committee
- Rebecca Middleton | Chief Advocacy and Engagement Officer, World Food Program USA
- Sergio Rodriguez Royo | President, Zamorano University
- David Samveasna | Aquaculture Specialist (Cambodia), American Soybean Association's World Initiative for Soy in Human Health

1:45 P.M. - 2:45 P.M. | STAKEHOLDER SESSION | BIOCONNECT IOWA | ROOMS 317 AND 318 Power and Promise of Science and Technology Driven Innovation helping Global Food Security and Sustainable Food Systems

1:45 P.M. - 2:45 P.M. | STAKEHOLDER SESSION | ENVIRONMENTAL DEFENSE FUND **ROOMS 307 AND 308**

Forgotten Foods and Future Feasts: Sustaining Our World Through Diverse Food Systems

3:00 P.M. - 3:20 P.M. | C-SUITE CONNECT SERIES

- Chuck Magro | Chief Executive Officer, Corteva Agriscience
 Julie Kenney | 5th Generation Farmer | Former Deputy Secretary, Iowa Department of Agriculture and Land Stewardship

3:20 P.M. - 4:00 P.M. | FOOD AND FUEL: WHERE AGRICULTURE, ENERGY, AND FOOD SECURITY INTERSECT

- Billi Hunt | Executive Director, America's Cultivation Corridor
- Kevin Lucke | President, Chevron Renewable Energy Group
- Stephen Kaffka | Director, California Biomass Collaborative and Extension Agronomist, University of California Davis
- Mac Marshall | VP Market Intelligence, United Sovbean Board
- Jennifer Ozimkiewicz | Senior Vice President Global Corn and Soybean Crop Strategy Head, Bayer Crop Science
- Greg Jaffe | Senior Advisor to Secretary of Agriculture Vilsack, U.S. Department of Agriculture

4:00 P.M. - 4:20 P.M. | C-SUITE CONNECT SERIES

Jacqueline Applegate | President of Bayer Crop Science North America, Bayer AG

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2023 BORLAUG DIALOGUE AGENDA

- **4:20 P.M. 5:00 P.M. | INNOVATION AS A CHANGEMAKER** Paul Schickler | Chair, World Food Prize Foundation Board of Directors and Council of Advisors | Owner, III Ag
- Joel Harris | Co-founder and CEO, Ag Startup Engine
- Kay Kuenker | CEO, Advanced Agrilytics
 Cristina Rohr | Managing Director, S2G Ventures
- Jim Schweigert | President, Gro Alliance

5:00 P.M. - 5:50 P.M. | FROM LANDMINES TO FARMLANDS: MINES ADVISORY GROUP (MAG) FEMALE DEMINERS CLEAR THE PATHWAY FOR ROOTS OF PEACE TO RESTORE LIVELIHOODS

- Heidi Kühn | 2023 World Food Prize Laureate | Founder and CEO, Roots of Peace
- Rachel Schiller | Deputy Assistant Secretary for Programs and Operations, Bureau of Political-Military Affairs, U.S. Department of State
- Jamie Franklin | Executive Director, Mines Advisory Group America
- Gary Kühn | President, Noble House Spice
- Dinh Thi Kieu | Deminer of Mine Action Team, Mines Advisory Group Vietnam
- Hoang Thi Mai Chi | Community Liaison Manager, Mines Advisory Group Vietnam
- Tran Thi Ly Van | Team Leader of Mine Action Team, Mines Advisory Group Vietnam

THURSDAY, OCTOBER 26, 2023

7:30 A.M. - 8:30 A.M. | BREAKFAST | THEME: EATING IN THE FUTURE 4TH FLOOR IOWA EVENTS CENTER

9:00 A.M. - 9:20 A.M. | OPENING KEYNOTE

• H.E. Vjosa Osmani Sadriu | President, Republic of Kosovo

9:20 A.M. - 9:40 A.M | JOHN RUAN III KEYNOTE ADDRESS

- Rachel Ruan McLean | Vice Chair, World Food Prize Foundation Board of Directors and Council of Advisors | Vice President Community Relations, Ruan Companies
- Suzanne Clark | President and Chief Executive Officer, U.S. Chamber of Commerce

9:40 A.M. - 10:10 A.M. | C-SUITE CONNECT SERIES

- Bob Haney | CEO, AgriSompo
- Vincent Martin | Director, Office of Innovation, Food and Agriculture Organization of the **United Nations**

10:10 A.M - 11:40 A.M. | FROM DAKAR TO DES MOINES

- H.E. Sahle-Work Zewde | President, Federal Democratic Republic of Ethiopia
 H.E. W.K. Mutale Nalumango | Vice President, Republic of Zambia
- H.E. Kashim Shettima | Vice President, Federal Republic of Nigeria
- H.E. Akinwumi A. Adesina | 2017 World Food Prize Laureate | President, African Development Bank Group
- Dina Esposito | Assistant to the Administrator for the Bureau for Resilience, Environment and Food Security, USAID
- John Coumantaros | Chairperson, Flour Mills of Nigeria
- Stuart Knight | Global Commercial Operations Leader, Health and Agriculture, Thermo Fisher
- Jason Brantley | Vice President, Small Ag and Turf, John Deere

11:50 A.M. - 12:50 P.M. | BREAKOUT SESSION | ROOMS 317 AND 318

AVAIL: A Virtual Innovation Lab for Building Farmer-Based Solutions for Regenerative Agriculture Hosted by: AgMIP

11:50 A.M. - 12:50 P.M. | BREAKOUT SESSION | ROOMS 319 AND 320

Bringing Space to Place: Transforming African Agriculture with Better SOILS Hosted by: International Fertilizer Development Center (IFDC)

11:50 A.M. - 12:50 P.M. | BREAKOUT SESSION | ROOMS 309 AND 310

Food System Repercussions of the Russia-Ukraine War

Hosted by: International Food Policy Research Institute (IFPRI) and CGIAR

1:00 P.M. - 2:15 P.M. | LUNCH | THEME: SECURING LASTING PEACE THROUGH FOOD

1:10 P.M. - 1:20 P.M. | DAVID LAMBERT 'HUNGER FIGHTER' MEMORIAL SCHOLARSHIP AND GRADUATE STUDENT AWARD ANNOUNCEMENTS Manjit Misra | Director, U.S. Department of Agriculture, National Institute of Food

and Agriculture

1:20 P.M. - 1:35 P.M. | C-SUITE CONNECT SERIES

• Joshua Jepsen, Senior Vice President & Chief Financial Officer, Deere & Company

1:35 P.M. - 2:15 P.M. | EMPOWERING MARGINALIZED VOICES: FOSTERING RESILIENT AND GENDER-INCLUSIVE AGRIFOOD SYSTEMS

- Chavonda Jacobs-Young | Under Secretary, Research, Education and Economics and Chief Scientist, U.S. Department of Agriculture
- Dina Esposito | Assistant to the Administrator for the Bureau for Resilience, Environment and Food Security, USAID
- · Vincent Martin | Director, Office of Innovation, Food and Agriculture Organization of the United Nations
- Swati Nayak | 2023 Borlaug Field Award Recipient | Scientist and South Asia Lead for Seed System and Product Management, International Rice Research Institute (IRRI)

2:25 P.M. - 3:25 P.M. | STAKEHOLDER SESSION | USAID | ROOMS 317 AND 318 The Power of Public-Private Partnerships: Lessons Learned for Future Success

2:25 P.M. - 3:25 P.M. | STAKEHOLDER SESSION | CGIAR | ROOMS 307 AND 308 Maximizing Latin America and the Caribbean's Contributions to Global Agriculture and Biodiversity Solutions

3:35 P.M. - 4:15 P.M. | WITHOUT WATER, THERE IS NO FOOD SECURITY

- Hon. Zulfikar Mustapha | Minister of Agriculture, Cooperative Republic of Guyana
 Alvaro Lario | President, International Fund for Agricultural Development (IFAD)
- Manuel Otero | Director General, Inter-American Institute for Cooperation
- Christopher Neale | Director of Research, Daugherty Water for Food Institute, University of Nebraska
- Fernando Schwanke | Director of Projects, Inter-American Institute for Cooperation on Agriculture (IICA)
- Margaret Zeigler | U.S. Representative, Inter-American Institute for Cooperation on Agriculture (IICA)

4:15 P.M. - 4:30 P.M. | INNOVATION FOR A FOOD SECURE FUTURE

Hon. Ramin Toloui | Assistant Secretary, Bureau of Economic and Business Affairs, U.S. Department of State



 Paul Schickler | Chair, World Food Prize Foundation Board of Directors and Council of Advisors | Owner, III Ag



WORLD FOOD PRIZE LAUREATE AWARD CEREMONY

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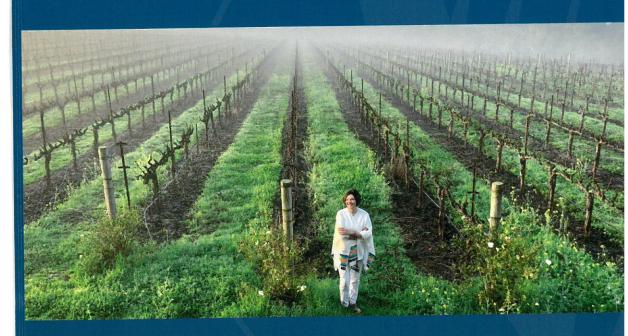
BUSES LOAD IN THE HILTON PRE-FUNCTION SPACE PROMPTLY AT 5:15 P.M. | TICKET AND GOVERNMENT-ISSUED ID REQUIRED





Heidi Kühn of the United States will receive the 2023 World Food Prize for her farmer-focused development model that revitalizes farmland, food security, livelihoods and resilience after devastating conflict.

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2023 LAUREATE LECTURE SERIES



SWATI NAYAK
2023 BORLAUG FIELD AWARD RECIPIENT
Des Moines Area Community College
October 25 | 10:10 a.m. CDT



KANAYO NWANZE FORMER PRESIDENT, IFAD William Penn University October 25 | 11:15 a.m. CDT



PHILIP NELSON
2007 WORLD FOOD PRIZE LAUREATE
Simpson College
October 25 | 1:00 p.m. CDT



MADHURA SWAMINATHAN
WORLD FOOD PRIZE COUNCIL OF ADVISORS
lowa State University (By Invitation Only)
October 25 | 4:25 p.m. CDT



HOWARTH BOUIS
2016 WORLD FOOD PRIZE LAUREATE
lowa State University (By Invitation Only)
October 26 | 9:30 a.m. CDT



2018 WORLD FOOD PRIZE LAUREATE
Central College
October 26 | 11:00 a.m. CDT



SHAKUNTALA THILSTED
2021 WORLD FOOD PRIZE LAUREATE
Grand View University
October 26 | 11:00 am. CDT





SWATI NAYAK INDIA

Dr. Swati Nayak, Scientist and South Asia Lead for Seed System and Product Management at the International Rice Research Institute (IRRI), has been named the 2023 Recipient of the Norman E. Borlaug Award for Field Research and Application, Endowed by the Rockefeller Foundation.

She is recognized for her innovative approach to engaging smallholder farmers in demand-driven rice seed systems, from testing and deployment to equitable access and adoption of climate-resilient and nutritious rice varieties.





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WORLD FOOD PRIZE FOUNDATION LEADERSHIP



AMB. TERRY BRANSTAD
PRESIDENT

Former U.S. Ambassador to China, Ambassador Terry Branstad assumed leadership of the World Food Prize Foundation in January 2023, bringing to the organization a legacy of public service, executive leadership and coalition-building on an international scale.

He has had an important connection to food and agriculture throughout his career, including leading the state of lowa through much of the 1980s Farm Crisis and rebuilding a state economy, where agriculture drives many employment sectors.

Ambassador Branstad has been a champion of the World Food Prize Foundation from its earliest days. He was serving as Governor of Iowa in 1990 when John Ruan, Sr. rescued the World Food Prize and brought it to Iowa. Since that time, he has played an instrumental role in elevating the stature and success of the Foundation.



MASHAL HUSAIN
CHIEF OPERATING OFFICER

Serving as Chief Operating Officer at the World Food Prize Foundation, Mashal Husain brings exceptional leadership and a global perspective to the organization. With a multicultural background spanning Pakistan, Tanzania, Thailand and the Philippines, Mashal found her niche when she started her role at the Foundation in 2008.

During her tenure, she has overseen diverse and impactful initiatives, including leading a successful \$36 million campaign to restore the Des Moines Public Library, transforming it into the Norman E. Borlaug Hall of Laureates - the global headquarters of the World Food Prize Foundation.

Mashal has provided incredible leadership during a period of tremendous growth for the World Food Prize Foundation and its programs.

In Memoriam



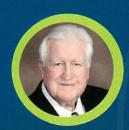
M.S. SWAMINATHAN
1987 WORLD FOOD PRIZE LAUREATE
1925-2023



AL CLAUSI FIRST CHAIRMAN, WORLD FOOD PRIZE 1922-2023



SIR GORDON CONWAY
WORLD FOOD PRIZE COUNCIL OF ADVISORS
1938-2023



RON PHILLIPS
LAUREATE SELECTION COMMITTEE
1940-2023



ED RUNGE LAUREATE SELECTION COMMITTEE 1933-2023



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SIDE EVENT SCHEDULE

TUESDAY, OCTOBER 24, 2023

6:00 p.m. - 7:00 p.m. | Agile Data Systems For Food Security Monitoring, Resilience Insights, Forecasting and **Collaborative Response**

Hosted by: Catholic Relief Services Location: 3rd Floor Iowa Events Center | Room 306

6:00 p.m. - 7:00 p.m. | Building Nutrition Resilient Communities, Harnessing Change Through the Local Community and **Market System**

Hosted by: The Church of Jesus Christ of Latter-day Saints, The Hunger Project, iDE, and CARE Building Location: 3rd Floor Iowa Events Center | Room 315

6:30 p.m. - 8:00 p.m. | Global Food Security is National Security: How Hunger and Malnutrition Abroad Make the U.S. Less Safe Hosted by: The Farm Journal Foundation Location: 3rd Floor Iowa Events Center | Room 305

WEDNESDAY, OCTOBER 25, 2023

6:45 a.m. - 8:40 a.m. | Grow Further: New Financing Mechanism for Agricultural Research & Development Hosted by: Grow Further

Location: 3rd Floor Iowa Events Center | Room 306

7:00 a.m. - 8:40 p.m. | 2023 Borlaug CAST Communication **Award Presentation**

Hosted by: Council for Agricultural Science and Technology (CAST) Location: 3rd Floor Iowa Events Center | Room 307-308

7:45 a.m. - 8:40 a.m. | The End of Bananas? A Global Alliance Against TR4

Hosted by: IICA (Inter-American Institute for Cooperation on Agriculture) Location: 3rd Floor Iowa Events Center | Room 305

7:45 a.m. - 8:40 a.m. | Progress and Impact in Delivering Agricultural Innovation

Hosted by: 2Blades

Location: 3rd Floor Iowa Events Center | Room 315

7:45 a.m. - 8:40 a.m. | Harnessing Innovation to Rapidly Respond to Crises Hosted by: CIMMYT & USAID

Location: 3rd Floor Iowa Events Center | Rooms 317 and 318

6:00 p.m. - 7:00 p.m. | Harnessing Change for Agricultural Transformation

Hosted by: Millennium Challenge Corporation Location: 3rd Floor Iowa Events Center | Room 305



6:00 p.m. - 8:00 p.m. | Iowa India Summit

Hosted by: Sehgal Foundation

Location: 3rd Floor Iowa Events Center | Room 306

6:00 p.m. - 8:00 p.m. | Sustainable Livestock Production for Global Food Security

Hosted by: Iowa State University

Location: 3rd Floor Iowa Events Center | Rooms 307 and 308

6:00 p.m. - 8:00 p.m. | Purdue Alumni and Friends Reception

Hosted by: Purdue Agriculture

Location: 3rd Floor Iowa Events Center | Room 314

6:00 p.m. - 8:00 p.m. | Regenerating Hope: The Promise of Soil Restoration at Scale in Central America and Africa

Hosted by: Catholic Relief Services

Location: 3rd Floor Iowa Events Center | Room 315

6:00 p.m. - 9:00 p.m. | Transforming the Agriculture Sector in Africa Through Special Agro-Industrial Processing Zones

Hosted by: African Development Bank Group and AgroNigeria

Location: 3rd Floor Iowa Events Center | Rooms 317 and 318



7:30 a.m. - 9:00 a.m. | Youth Entrepreneurship for a Food-Secure WorldHosted by: Michigan State University, College of Agriculture and Natural Resources
Location: 3rd Floor Iowa Events Center | Room 305

7:30 a.m. - 8:30 a.m. | Harnessing 1890 Land-Grant Universities Capacity to Deliver Food Security Solutions & the Workforce of the Future

Hosted by: 1890 Universities Center of Excellence for Global Food Security and Defense (CEGFSD) Location: 3rd Floor Iowa Events Center | Room 306

7:30 a.m. - 8:30 a.m. | Change Toward Hope and Peace Through Food Diplomacy Led by Democracies

Hosted by: Iowans Supporting Israel

Location: 3rd Floor Iowa Events Center | Room 307-308

8:00 a.m. - 9:00 a.m. | Global Resilience and the Farm Bill: Helping Communities Thrive

Hosted by: Save the Children

Location: 3rd Floor Iowa Events Center | Room 316

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