

YOUTH PROGRAMS: LAUNCHING CAREERS

DANIKA SCHAAF

FROM: Des Moines INTERNED: India

WHERE IS SHE NOW?

Danika is a senior majoring in Global Resource Systems at Iowa State University. She speaks Chinese, has completed multiple internships in China and is currently an intern for Pioneer Hi-Bred International, Inc. in Beijing.

THE WORLD FOOD PRIZE YOUTH PROGRAMS

The World Food Prize Foundation has built several unique programs to introduce Iowa high school students to STEM education and research, launching their careers in food security and global agriculture. These programs build upon the legacy of Iowa hero and scientist Dr. Norman Borlaug and aim to inspire the next generation of hunger fighters and humanitarian leaders.





The Iowa Youth Institute: Across the country, statewide youth

institutes bring students together to explore critical issues. In 2012, the first ever World Food Prize Iowa Youth Institute at Iowa State University will take place on April 30. Over 200 students, with their teachers from high schools across the state, will gather to present research papers, explore and discuss global hunger and poverty, and learn about the work and research taking place in Iowa to address these issues.

The Global Youth Institute: Since 1994, more than 1,200 of the top high school students from around the world have participated in the World Food Prize Global Youth Institute, which takes place in October in conjunction with the World Food Prize events. Participating students and teachers have the unique opportunity to engage with their peers, present original research papers, and discuss pressing global issues with Nobel and World Food Prize laureates, international experts and

the world's foremost researchers and leaders in global agriculture.

The Borlaug-Ruan International Internship: This eight-week, all-expenses-paid internship assigns 20 high school students each year to world-renowned research centers in Africa, Asia, Latin America and the Middle East where they conduct research and field studies, immerse themselves in new cultures and learn firsthand about the real-life challenges of global food security.

The USDA Wallace-Carver Internship: This new program provides an opportunity for students to earn a USDA internship in the United States, where they conduct original research or policy analysis at research centers or field offices across the country.

WWW.WORLDFOODPRIZE.ORG/YOUTH

GLOBAL YOUTH INSTITUTE 1994-2011 By The Numbers:		BORLAUG-RUAN INTERNSHIP Program 1998-2011 By the numbers:
202 377 917 1232	IOWA SCHOOLS THAT HAVE PARTICIPATED IOWA TEACHERS WHO HAVE PARTICIPATED IOWA STUDENTS WHO HAVE PARTICIPATED TOTAL STUDENTS WORLDWIDE WHO HAVE PARTICIPATED	 17 INTERN HOST COUNTIRES 20 STUDENTS GOING ABROAD THIS YEAR 81 IOWA HIGH SCHOOLS INVOLVED 131 BORLAUG-RUAN INTERNS FROM IOWA 161 TOTAL STUDENTS NAMED BORLAUG-RUAN INTERNS

BORLAUG-RUAN INTERN SPOTLIGHT

LINCOLN WELLS



FROM: Storm Lake

INTERNED: Bangladesh

WHERE IS HE NOW?

He is currently a freshman in Global Resource Systems at Iowa State University. He is applying for a service internship with the Experience Mission Network in the United States working with the poor and homeless.

ABBEY CANON

She is a Doctor of Veterinary

Medicine who has obtained a

2-year postdoctoral fellowship as

an Epidemic Intelligence Service

Control (CDC) based out of the

Officer with the Centers for Disease

Montana State Health Department.



FROM: Rowan

Ethiopia



TAMARA MARCUS

FROM: Cedar Rapids

INTERNED: Taiwan

WHERE IS SHE NOW?

She is a junior studying Biology at the University of Minnesota. She is currently serving as a Physical Science Technician at USDA-National Resource Conservation Service (NRCS) in Eugene, Oregon.

ZACH **STEWART**



FROM: Harlan

INTERNED: Kenya

WHERE IS **HE NOW?**

He is currently working on a Doctor of Public Health (Dr.P.H.) Degree at the London School of Hygiene and Tropical Medicine. He will spend this summer in Benin researching insecticide resistance in cattle.





WHERE IS SHE NOW?

She is now a Ph.D. candidate (Graduate Fellow and Research Assistant) in Plant Breeding and Molecular Genetics at the University of Minnesota.

FROM: Fairfield



INTERNED: China

WHERE IS SHE NOW? She earned a degree in Agricultural Education and studied at Iowa State University. She currently teaches Agricultural Education at Mount Ayr Community High School in Mount Ayr, Iowa.

LINDSEY NEGAARD



FROM: Bettendorf

INTERNED: Mexico

WHERE IS **SHE NOW?**

She is currently employed as a **Public Relations** Account Manager in New York City at Biosector2, a global healthcare public relations agency and a partner to some of the industry's most visionary companies.



NAME	Hometown	INTERNSHIP	WHERE ARE THEY NOW?
Avanthi Ajjarapu	Ames	Peru	Avanthi is a freshman at Rice University in Houston, Texas, majoring in Computational Engineering. She completed a USDA internship last summer.
Sarah Anderson	Cedar Falls	China	Sarah studied plant genetics at ISU and is currently a graduate student in the Department of Plant Biology at the University of California-Davis.
Abbey Avery Canon	Rowan	Ethiopia	Abbey recently obtained a 2-year postdoctoral fellow- ship as an Epidemic Intelligence Service Officer with the Center for Disease Control (CDC) based out of the Montana State Health Department.
Hemali Batra	Clive	Taiwan	Hemali created her own nonprofit to aid development efforts in Malawi and completed a USDA intern- ship last summer. She is currently a senior studying Biology and International Affairs at the University of Iowa.
Vivian Bernau	Altoona	Taiwan	Vivian was one of only four finalists for the 2011 Na- tional FFA's American Star in Agriscience Award and will graduate from ISU with a degree in Agronomy this spring.
Diane Brown Forbes	Des Moines	Mexico	Diane has a master's degree in Chemical Engineer- ing and is currently a National Science Foundation Research Fellow at the University of Texas at Austin.
Andrew Carey	Farragut	Peru	Andrew has a degree in Political Science and English from the University of Iowa and currently lives in Buenos Aires, Argentina, where he teaches English.
Erin Cavanagh	Bettendorf	Costa Rica	Erin has a degree in Business Administration and an International Business Certificate from the University of Iowa. She is a senior auditor with Ernst & Young, LLP in Minneapolis, Minnesota.
Sagar Chawla	Urbandale	Philippines	Sagar is a senior majoring in Global Resource Systems and Biology at ISU and is already accepted into medi- cal school for the 2012-13 academic year. He will attend the UN Rio+20 conference in June.



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Justine Cheng	West Des Moines	Brazil	Justine has done immunology research in Japan and studied traditional medicines in China. She is studying Engineering Sciences at Harvard University.
Aysha Chowdhry	Independence	India	Aysha earned a master's degree in Near and Middle East- ern Studies in London and has worked for The World Bank. She is now a Research Assistant at The Brookings Institution, Washington, D.C.
Rachael Collier Harold	Burlington	Peru	Rachael is a Site Lean Manufacturing Production System Leader for Intel. She is also earning a master's degree in Enterprise Systems Management and Innova- tion at Arizona State University.
Trisha Collins	Pleasantville	Ethiopia	Trisha is currently a sophomore in the department of Animal Science at ISU and completed a USDA intern- ship last summer.
Rachael Cox Ohde	Ames	Kenya	Rachael is currently completing a master's degree in Agronomy at ISU.
Troy Fadiga	Centerville	Kenya	Troy studied Geoscience and Anthropology at the Uni- versity of Iowa and is a Ph.D. Candidate specializing in Paleontology at the University of Tennessee-Knoxville.
Penny Fang	Ames	Philippines	Penny graduated from Harvard and is now pursuing a medical degree at the University of Pennsylvania and an MBA in the University of Pennsylvania's Wharton School of Business.
Matthew Feldmann	Cedar Rapids	Mexico	Matthew graduated from Harvard and is currently based in Geneva, Switzerland, working as a partner and port- folio manager at a hedge fund called Brevan Howard.
Emma Flemmig	Glidden	Mexico	Emma studied Agronomy at ISU and is completing a master's degree in Plant Breeding. She currently works at the Eastern Regional Small Grains Genotyping Labora- tory in Raleigh, North Carolina.
Ellen Franzenburg	Van Horne	Taiwan	Ellen is currently a senior in Agricultural Engineering at ISU. She is participating in a 2012 spring semester study abroad in Brazil, and plans to stay to work on post-harvest losses or water issues.

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Linda Geiger	New Hartford	China	Linda is a senior studying Agricultural Engineering at ISU, and will be in Nicaragua this summer with EOS, Engineering, Inc. developing digesters for improved methane stoves and undertaking a survey of how EOS technologies are impacting the host communities.
Addie Hall Thompson	Hamburg	Philippines	Addie studied plant genetics at ISU and is now a Ph.D. candidate (Graduate Fellow and Research Assistant) in Plant Breeding and Molecular Genetics at the Univer- sity of Minnesota.
Melissa Hemken	Alden	Costa Rica	Melissa graduated from ISU and works at the National Outdoor Leadership School (NOLS) headquartered in Lander, Wyoming.
Jack Hou	Ankeny	Brazil	Jack studied biochemistry and statistics at ISU. He is now a Ph.D. candidate in Bioengineering at the Uni- versity of Illinois at Urbana-Champaign.
Amanda James	Creston	Kenya	Amanda graduated from Grinnell College and has a law degree from Drake University. She is currently an Associate Attorney at Gonzalez, Saggio & Harlan, LLP in West Des Moines, Iowa, focusing on Energy, Com- munications and Regulatory law.
Anna Johnson	Iowa City	Philippines & Bangladesh	Anna studied international affairs at The George Wash- ington University. She currently has a 2-year appoint- ment with the Lutheran World Federation (LWC) in Jerusalem.
Anne Michael Langguth	Iowa City	China	Anne graduated from Harvard University and is cur- rently in her second year of studies at the University of Iowa Carver College of Medicine. She deferred the start of medical school for one year when she was crowned "Miss Iowa 2009" in order to travel the state with her platform that promoted and supported wellness initia- tives.
Stephen Lauer	Des Moines	Egypt	Stephen studied Biology at Drake University and spent a semester in South Africa. He also completed a USDA internship and is active in Oxfam America. He is now earning a master's degree in Community and Regional Planning/International Agriculture at ISU.

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Bian Li	Ankeny	Kenya	Bian studied International Business and Economics at the University of Iowa. She worked in China and is currently the Director of Planning at the World Food Prize Founda- tion in Des Moines.
Nate Looker	Des Moines	Peru	Nate studied Global Resource Systems at ISU and will present a paper at the Rio+20 United Nations Conference on Sustainable Development in Brazil this June.
Tamara Marcus	Cedar Rapids	Taiwan	Tamara won a prestigious Rotary scholarship to study in India, and is a junior studying Biology at the University of Minnesota. She is currently serving as a Physical Sci- ence Technician at USDA-National Resource Conserva- tion Service (NRCS) in Eugene, Oregon.
Andrew Markham	Harlan	Turkey	Andrew is an undergraduate majoring in Biology and Chemistry at Creighton. He is applying to do HIV/TB research in South Africa this summer through the Univer- sity of Cape Town.
Patrice Metcalf-Putnam	Fort Dodge	China	Patrice graduated from the University of Iowa in Electri- cal Engineering and now works for Mitre Corporation in Massachusetts as a Multi-Discipline Systems Engineer.
Lindsey Negaard	Bettendorf	Mexico	Lindsey graduated from University of Iowa and is current- ly employed as a Public Relations Account Manager in New York City at Biosector2, a global health care public relations agency and a partner to some of the industry's most visionary companies.
Meredith Nelson Legg	Bettendorf	Mexico	Meredith studied at ISU, then got her Ph.D. in Civil En- vironmental Engineering at Cornell. She currently teaches at Emma Willard School for girls in Troy, New York.
Curtis O'Loughlin	Independence	India	Curtis earned his medical degree and is currently a family practice physician in Iowa Falls, Iowa.
Martha Pope	Mason City	Philippines	Martha studied at ISU and spent two years in the Peace Corps in Kazakhstan. She is now the Operations Manager for Iowa Resource for International Service (IRIS), a non- profit organization in Ames.



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Adrian Richardson	Creston	Brazil	Adrian studied Biology at ISU and interned for Syngenta in Hawaii. He is currently a Senior Re- search Associate at Pioneer Hi-Bred International, Inc. in Des Moines.
Adam Riesselman	Manilla	Mexico	Adam completed a USDA internship last summer and is currently a sophomore majoring in Biology at Drake in Des Moines. He has a very special ex- pertise in the area of Native Prairie Conservation.
Suzanne Sander	Carroll	Malaysia	Suzanne is currently a Ph.D. candidate in Analyti- cal Chemistry at ISU. Her graduate research is on the use of fluorescence microscopy to study inte- grins. She defends her dissertation this spring and would like to stay in Iowa as she begins her career.
Danika Schaaf	Des Moines	India	Danika is a senior majoring in Global Resource Systems at ISU. She speaks Chinese, has complet- ed multiple internships in China and is currently an intern for Pioneer Hi-Bred International, Inc. in Beijing.
Leah Shultz Bergeland	Charles City	Mexico	Leah studied Plant Genetics at the University of Iowa and is employed by Pioneer Hi-Bred Interna- tional, Inc. in Johnston as a Research Associate in Maize Stress Product Development (MSPD).
Garrett Skaar	Story City	Ethiopia	Garrett studied at ISU and has a master's degree in meat science from Kansas State. He is currently employed as an Associate Scientist II at Kraft Foods in Madison, Wisconsin.
Laura Snell	Ames	China	Laura has spent time working in Namibia, New Zealand, China and Uganda. She is currently working on a master's degree in Agronomy with a specialty in Grassland Ecology.
Megan Srinivas	Fort Dodge	Kenya	Megan earned an honors degree in Human Evo- lutionary Biology at Harvard University and has done global health work in India, Honduras, Peru and South Korea. She is currently a class of 2013 medical degree candidate at the University of Iowa Carver College of Medicine.

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Cathy Staloch Hass	Ottumwa	Ethiopia	Cathy earned a degree in Biochemistry and Molecular Biology at the University of Florida. She is currently a Ph.D. candidate in Molecular Biology at the Univer- sity of Iowa. Her thesis defense is April 2012.
Zach Stewart	Harlan	Kenya	Zach graduated from Creighton University where he researched black flies and river blindness in El Sal- vador and Honduras. He is currently working on a Doctor of Public Health Degree at the London School of Hygiene and Tropical Medicine. He will spend this summer in Benin researching insecticide resistance in cattle.
Elizabeth Sukup	Dougherty	Egypt	Elizabeth graduated from ISU with a double major in Public Service and Administration in Agriculture and International Agriculture. She is currently in her second Princeton in Africa Fellowship (PiAf) work- ing for the World Food Programme in Addis Ababa, Ethiopia, as a Public Information Fellow.
Gary Sullivan	Early	Ethiopia	Gary earned his Ph.D. in Meat Science/Food Sci- ence and Technology at ISU. He is currently Assis- tant Professor of Animal Science at the University of Nebraska-Lincoln.
Catherine Swoboda	Pleasant Hill	Brazil	Catherine earned her undergraduate and master's degrees in Agronomy from ISU. She is now the Direc- tor of Iowa and Midwest Education Programs at the World Food Prize Foundation in Des Moines, IA.
Courtney Taglauer	Fairfield	China	Courtney earned a degree in Agricultural Education and Studies at ISU. She currently teaches Agricultural Education at Mount Ayr Community High School in Mount Ayr, Iowa.
Katie Taylor	Des Moines	India	Katie will complete her degree in Agronomy at ISU this spring and has an internship with the USDA National Laboratory for Agriculture and the Environ- ment in Ames this summer.



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Bill Tiedje	Newton	Ethiopia	Bill graduated from Colorado State University with a degree in Agricultural Economics. He currently works for the Rocky Mountain Bird Observatory's (RMBO) international division.
Zachary Vosburg	Hampton	Kenya	Zachary earned a Doctor of Veterinary Medicine (DVM) at ISU. He is currently a practicing veterinar- ian in his hometown of Hampton, Iowa.
Colin Weaver	Boone	China	Colin is currently a junior studying Global Resource Systems at ISU. This summer he will be in Uganda evaluating an emergency feeding nutrition center for ISU's Sustainable Rural Livelihoods program.
Lincoln Wells	Storm Lake	Bangladesh	Lincoln completed a 2011 USDA summer internship at the Iowa Rural Development office in Storm Lake. He is currently a freshman in Global Resource Sys- tems at ISU. He is applying for a service internship with the Experience Mission Network in the U.S. working with the poor and homeless.
A.J. Wenndt	Keystone	Kenya	A.J. is currently a Biology major at Grinnell College. He has particular interests in the areas of Cell Biology and Disease Resistance.