connector® STEMconnector® STEMconnector® STEMconnector® STEMconnector® STEI

STEMconnector® STEM



**Prospectus – November 2013** 

STEMconnector® STEI



# STEMconnector®'s STEM Food & Ag Council Prospectus

#### **TABLE OF CONTENTS**

1.	Council Documents – Information on the Council
2.	Council Member Bios
3.	Information on Council Member Organizations
4.	STEMconnector® Calendar
5.	STEM Food & Ag Council Benefits
6.	Press Release Regarding Inaugural Meeting

# STEIVI Food&Ag Council A project of STEIMconnector® VISION

# STEMconnector®'s STEM Food & Ag Council

#### **General Council Information**

A talented food and agricultural workforce capable of meeting the demands of the new STEM-heavy Food and Ag Economy will benefit the nation and the world. The Food and Ag Council will leverage the collective intellect, wisdom and resources of members to identify clear action plans that connect and create careers in food and agriculture. Members of the Council will share their goals to collaborate on focused initiatives that drive impact—both in the United States and

#### **KEY DATES**

throughout the world.

- June 8, 2013 (past) Announcement of the STEM Food & Ag Council by Lt. Governor Reynolds in Iowa
- July 14, 2013 (past) Presentation of the STEM Food & Ag Council at IFT's Annual Meeting and Food Expo in Chicago, IL
- July 23-24, 2013 (past) Lt. Governor Reynolds visits STEMconnector®'s STEM Innovation Task Force at Cargill HQ in Minneapolis, MN
- October 18, 2013 (past) <u>Inaugural Meeting</u> of the STEM Food & Ag Council in conjunction with the World Food Prize in Johnston, IA at Pioneer's Innovation Center
- January 14, 2014 Panel discussion at World Economic Forum/Global South Summit at the National Press Club/Ronald Reagan Building in Washington, DC
- February 21, 2014 First 2014 Meeting of the STEM Food & Ag Council
- July 21, 2014 Second 2014 Meeting of the STEM Food & Ag Council
- October 17, 2014 <u>Third 2014 Meeting</u> of the STEM Food & Ag Council in conjunction with the World Food Prize in Des Moines, IA

#### **CURRENT ACTION PLAN**

- 1. Review our members and potential members as part of the STEMconnector® Food and Ag Council.
  - A) There will be 40 members (anticipating approximately 26 corporate and 14 university, non-profit and government members).
  - B) Leadership will come from Business, Government, University and Non-Profit organization. The Leadership and Council were announced on July 14, 2013 at IFT's Annual Event, during the Opening General Session. The Keynote speaker was Dr. Fareed Zakaria.
- 2. Use the STEM Innovation Task Force as a partial model for the STEM Food & Ag Council. Also include innovation as part of the Human Capital Development of the Council.
- 3. Build branding on the STEMconnector® site and build models with profiles.
- 4. Finalize profiles for each of the companies that are members of the Council.



#### **General Council Information**

- 5. Review plan potential of the companies and hold a Conference Call or WebEx during 2013 date to be determined.
- 6. Provide visibility through STEMdaily® and our other Social Media products.
- 7. Partner with leaders in Food and Ag who are able to provide direction for the STEM Food & Ag Council. These leaders will come from Non-Profits, Government, Universities and Corporations.
- 8. The Inaugural Meeting of the STEM Food & Ag Council is October 18, 2013 at the World Food Prize Ceremony.
- 9. Update events such as the Youth Symposium, led by the National 4-H with other youth groups, with potential to build a corporate group based on results. There is a potential for meeting with the Senate and, perhaps, House chairs of Food and Ag leadership.

#### MEMBERS (As of October 29, 2013)

Organization	Position	Member	Role
State of Iowa	Lt. Governor	Kim Reynolds	Chair
DuPont Pioneer	President	Paul Schickler	Vice-Chair
IFT	President	John Ruff	Co-Founder
National 4-H Council	COO	Jennifer Sirangelo	Member
ACSESS	CEO	Dr. Ellen Bergfeld	Member
ADM	Senior VP	Mark Matlock	Member
Agriculture Future of America	President & CEO	Russ Weathers	Member
DMACC	President, DMACC	Rob Denson	Member
Dow AgroSciences	Public Affairs Manager	David Sousa	Member
FFA Organization	CEO	Dr. W. Dwight Armstrong	Member
Iowa State University	Dean, College of Ag and Life Sc.	Dr. Wendy Wintersteen	Member
Land O' Lakes, Inc.	SVP, Chief Administrative Officer	Peter Janzen	Member
Monsanto	Sr. Director, External Science Rel.	Dr. Sherri M. Brown	Member
PepsiCo	Senior VP, Global Food R&D	Dr. Heidi Kleinbach-Sauter	Member

(Room for Up to 40 Members)



**General Council Information** 

## Presentation of the Council at the IFT Annual Meeting & Food Expo July 14, 2013

At the annual meeting of The Institute of Food Technologists (IFT), Lt. Governor Kim Reynolds presented the Council to an audience of thought leaders in food science. Edie Fraser, CEO of STEMconnector®, and several members of the Council were on hand for this exciting announcement. After the announcement, the members of the Council were able to have a closed door session with CNN's Fareed Zakaria.





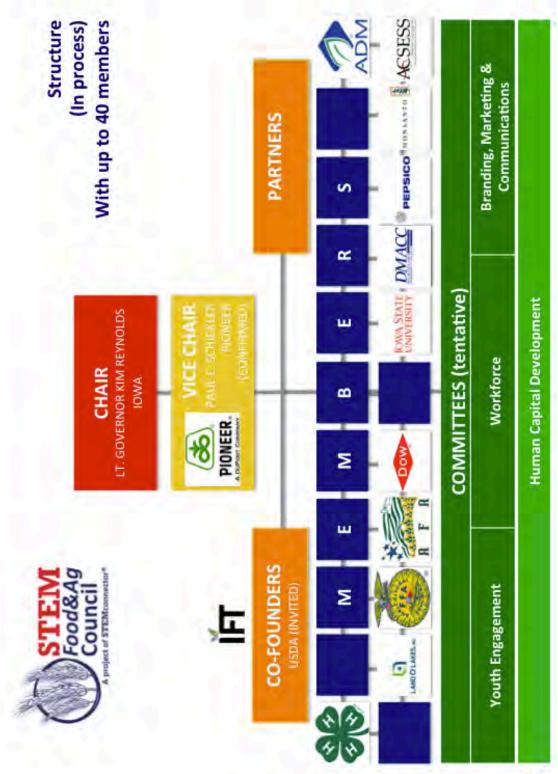








**General Council Information** 



STEMconnector® STE



**Member Bios** 



Chair - Kim Reynolds Lt. Governor, Iowa

Kim Reynolds, Lt. Governor of the State of Iowa is Co-Chair of the Governor's STEM (Science, Technology, Engineering, and Math) Advisory Council. Reynolds is championing Iowa's STEM initiative, with the overarching goal of increasing student interest and achievement while providing access to STEM programs for students across Iowa. Reynolds is active in the National Lieutenant Governors Association, Aerospace States Association, and has taken numerous international trips to explore trade opportunities for lowa. Among her responsibilities as Lieutenant Governor, Reynolds serves as cochair of the Iowa Partnership for Economic Progress (IPEP) Board with Governor Branstad and co-chairs the Military Children Education Coalition with Iowa Major General Timothy Orr.



Vice Chair - Paul Schickler **President DuPont Pioneer** 

Paul E. Schickler is president of DuPont Pioneer, the advanced seed genetics business of DuPont. In this role, which he has held since 2007, he has continued to expand Pioneer's global business by remaining focused on innovation that improves local productivity and profitability of farmers in more than 90 countries. Since joining Pioneer in 1974, Schickler has served in a variety of finance and administrative leadership roles throughout the business, including vice president of International Operations from 1999 to 2007. He currently serves on the DuPont Committee on Agricultural Innovation and Productivity in the 21st Century and the DuPont Agriculture Decision Board, and is a member of the DuPont Operating Team.



Co-Founder -John Ruff President, IFT

John Ruff is currently President of IFT (Institute of Food Technologists®). During his 36-year career with Kraft and the former General Foods, he headed R&D for International and North American businesses where he successfully integrated the technical operations of numerous acquisitions, established global centers of expertise and led a worldwide advisory council consisting of external experts who have helped guide Kraft's health and wellness initiatives. John recently served on the Institute of Medicine (IOM) committee on strategies to reduce sodium intake. He is a past president of the International Life Sciences Institute, past chair of the Food Processors Association (NFPA) and a fellow of the Institute of Food Science and Technology in the United Kingdom. John received his M.A. in Biochemistry and a B.A. in Natural Sciences from Cambridge University in the United Kingdom.



**Member Bios** 



Jennifer Sirangelo
Chief Operating Officer
National 4-H Council

Jennifer is the Chief Operating Officer of the National 4-H Council. She is a transformational leader with an 18-year track record of success in nonprofit executive management, having raised more than \$250 million for youth development causes. At National 4-H Council, Jennifer has focused on supporting global education, growth and leadership development for 7 million youth worldwide through programs in science, agriculture, health and citizenship. She helped launch the 4-H Science Initiative, reaching 1.3 million new youth with STEM programs in four years — one year ahead of schedule. In addition, she led the development of the National 4-H Council strategic plan. In her role as Chief Operating Officer, she directs domestic operations including strategic planning, resource development, marketing, ecommerce, conference center operations, IT, human resources and finance.



Mark Matlock Senior Vice President ADM

Mark Matlock is Senior Vice President of the Research Division at Archer Daniels Midland Company, which he joined in 1980. Mark Matlock holds a Bachelor of Science degree in chemistry from Millikin University and a Master's of Science degree in polymer chemistry from the University of Akron. Prior to his current appointment, Mark Matlock served as an Analytical Chemist, Manager-Process Development, Laboratory Manager-ADM BioProducts and Director-Food Applications.



Russ Weathers
President & CEO
Agriculture Future of America

K. Russell Weathers, president & CEO of Agriculture Future of America, was named the first executive director of the organization in 1996. Mr. Weathers has provided leadership to the organization since its inception. Weathers' career has been devoted to organizations that promote life skill development for young people. For 16 years, he was executive director member and public relations for Farmland Industries managing youth leadership programs, corporate scholarship program, state and national youth relations. In 1985, Mr. Weathers joined National 4-H Council as vice president and served in that role until 1991. In 1991, he was named chief executive officer of the Camp Fire Boys and Girls organization. Mr. Weathers has degrees in agriculture education from the University of Missouri and a Master's in general administration from the University of Maryland.



**Member Bios** 



Ellen Bergfeld CEO ASA, CSSA, SSSA



Rob Denson President DMACC



David J. Sousa
Public Affairs Manager,
Dow AgroSciences

Dr. Ellen Bergfeld is the Chief Executive Officer of the American Society of Agronomy (ASA), Crop Science Society of America (CSSA), Soil Science Society of America (SSSA), and the Alliance of Crop, Soil and Environmental Science Societies, (ACSESS), headquartered in Madison, WI. ASA, CSSA and SSSA combined have more than 18,000 members and another 13,000 certified professionals serving the agronomic, crop science, and soil science disciplines. ACSESS serves as the support organization carrying out the day to day work on behalf of scientific societies in the agricultural and natural resources arena. Prior to joining ASA, CSSA, and SSSA in July 2003, she was Executive Director of the American Society of Animal Science. She also served as Adjunct Professor, University of Illinois, Department of Animal Sciences. Bergfeld received her B.S. degree in Animal Science from the Ohio State University and M.S. and Ph.D. degrees from the University of Nebraska-Lincoln.

Rob Denson is the President of Des Moines Area Community College, a position he was appointed to on November 1, 2003. He grew up on a farm near Homestead, Iowa, south of the Amana Colonies and graduated from high school in Marengo, Iowa. He is the first native-born Iowan to be President of DMACC. Rob has a B.S. in Political Science and Economics and a Masters Degree in Higher Education Administration from Iowa State University. He worked for Iowa State as an Assistant Dean for three years before moving to the University of Florida where he served as an Assistant Dean of Students. Rob graduated from Law School at the University of Florida in 1979 and was an Associate University Attorney for three years before operating his own law practice for 16 years. He is a board certified civil trial lawyer. In 1996, he became Assistant to the President and Dean for Institutional Advancement at Santa Fe Community College in Gainesville, Florida.

David currently directs global corporate social responsibility and sustainability communications for Dow AgroSciences, the \$6.4B agricultural division of The Dow Chemical Company. Prior to joining Dow AgroSciences in 2011, David served as Associate Director for Crowe Horwath LLP, as Chief Communications Officer for an international not-for-profit professional association, and as Vice President with public relations firm Fleishman-Hillard International where he supported organizations ranging from start-ups to *Fortune 50* international organizations. Currently, David serves on several boards and committees, including the Board of the International Food Information Council (IFIC). He holds a B.A. in Communication from Purdue University and is an accredited member of the Public Relations Society of America.



**Member Bios** 



Dr. W. Dwight Armstrong CEO, National FFA Organization

W. Dwight Armstrong is the Chief Executive Officer of the National FFA Organization An active FFA member in high school, he earned a B.S. degree in agriculture from Murray State University in 1971 and Master's (1973) and Ph.D. (1975) degrees from Purdue University in animal science. After serving on the faculty at North Carolina State University in the Animal Sciences Department 1975-1982, Armstrong built a career in the swine nutrition area beginning at Akey, Inc., in Lewisburg, Ohio, where he served as Director of Nutrition, Director of Sales and, finally, President. In 2000, the company was sold to Provimi, located in The Netherlands. There, Armstrong served as CEO of North American Nutrition Companies, Director of the Americas and Global Group Vice President. In 2008, he retired from Provimi to start his own consulting business in the animal nutrition and agribusiness areas. He joined the National FFA Organization in 2009.

Dr. Wendy Wintersteen is Dean of the College of Agriculture and Life Sciences at Iowa State University and Director of the Iowa Agriculture and Home Economics Experiment Station. Dr. Wintersteen is the tenth dean of agriculture in Iowa State's 153-year history and holds the first endowed deanship established at Iowa State University. Her career at Iowa State spans more than 30 years. She has served as professor of entomology; director of Extension to Agriculture and Natural Resources; coordinator of pesticide management and pesticide applicator training programs; and extension associate in entomology and in two extension area offices around the state of Iowa. Dr. Wintersteen earned a bachelor's of science degree in agriculture from Kansas State University and her Ph.D. in entomology from Iowa State University.



Dr. Wendy Wintersteen
Dean, College of Agriculture and
Life Sciences, ISU



Peter Janzen
General Counsel and Chief
Administrative Officer
Land O'Lakes, Inc.

In January 2012, Janzen assumed an expanded role of General Counsel and Chief Administrative Officer, including oversight of Land O'Lakes Law Department, International Development Division (IDD), Communications, Community Relations, Government Affairs, Member Relations and Security. Previously, he was Senior Vice President and General Counsel, having served in the Law Department since 1983. Janzen's experience includes corporate governance, mergers, acquisitions, divestitures, antitrust, intellectual property, litigation, and legal services for all business units. Janzen has a B.A. in Political Science and J.D. from Hamline University.



# STEMconnector®'s STEM Food & Ag Council Member Bios



Sherri M. Brown, Ph.D.
Senior Director, External Science
Relations, Monsanto

As leader of External Science Relations, Dr. Sherri Brown brings together Monsanto's many interactions to help grow the pool of talented scientists, promote innovation and collaborations, and engage third party allies in efforts to advance sustainable agriculture and a healthy and abundant food supply around the world. Dr. Brown has a B.S. in Biology and Chemistry and a Ph.D. in Genetics. She has published numerous scientific papers and patents and was a key inventor of Monsanto's corn biotechnology products. Dr. Brown has held a variety of leadership roles at Monsanto including, most recently, Vice President, Global Technology Development.



Dr. Heidi Kleinbach-Sauter Senior VP, Global Foods R&D PepsiCo

Dr. Heidi Kleinbach-Sauter is the Senior Vice President of PepsiCo's Global Foods R&D where she has global R&D responsibility for PepsiCo's worldwide innovation platforms for savory snacks and overall foods business. Her responsibility covers several \$1bln dollar brands such as Lays- the world's largest snacks brand-, Doritos, Cheetos and Quaker. These brands deliver close to one billion consumer touch points every day and are enjoyed by consumers in all major parts of the world. Her role includes accelerating the global innovation agenda by developing R&D strategies enabled by differentiated and own-able technology platforms to drive consumer centric and scientifically based transformational innovation.



#### **Participating Organization Information**



#### **DuPont Pioneer**

Plenty has changed since their founding in 1926. One thing that hasn't is their guiding principle – their success is based on their customers' success. That belief has helped them become a leading developer and supplier of plant genetics to farmers worldwide. And it's helped those farmers boost productivity, profitability proper Hi-Bred is a DuPont business. And while they now serve customers in more

and sustainability. P ioneer Hi-Bred is a DuPont business. And while they now serve customers in more than 90 countries, they're headquartered in lowa – right where they have been since 1926.



#### Insitute of Food Technologists (IFT)

For more than 70 years, the Institute of Food Technologists (IFT) has been unlocking the potential of the food science community by creating a dynamic global forum where members from more than 100 countries can share, learn, and grow.

They've helped the members of this community connect both in person, through scientific and technical education venues and forums such as the world's largest annual food expo, and virtually, through their publications and other resources. By serving as a leading advocate for food science and a catalyst for change around the world, they've educated the media and policy makers and worked with governments to shape regulations.



#### **National 4-H Council**

With a rich history and an expansive network reaching every corner of the country, 4-H is the nation's largest youth development organization. More than 6 million 4-H youth in urban neighborhoods, suburban schoolyards and rural farming communities stand out among their peers: building revolutionary opportunities and implementing community-wide change at an early age.







# Alliance of Crop, Soil and Environmental Science Societies (ACSESS)

The Alliance of Crop, Soil, and Environmental Science Societies (ACSESS) is a nonprofit 501(c)(3) organization providing management and administrative support services to its founding members: the American Society of America (CSSA), and the Soil Science Society of America (CSSA). The headquarters office to the Soil Science Society of America (CSSA).

Society of America (CSSA), and the Soil Science Society of America (SSSA). The headquarters office for these international societies is based in Madison, Wisconsin.



#### **Participating Organization Information**



#### **Archer Daniels Midland (ADM)**

Every day, the 30,000 people of Archer Daniels Midland Company turn crops into renewable products that meet the demands of a growing world. At more than 265 processing plants, they convert corn, oilseeds, wheat and cocoa into products for food, animal feed, industrial and energy uses. They operate the world's premier crop origination and transportation network, connecting crops and markets in more than

140 countries on six continents.



#### Agriculture Future of America (AFA)

AFA's mission is to create partnerships that identify, encourage and support outstanding college men and women preparing for careers in the agriculture and food industry. Founded in 1996 by R. Crosby Kemper and other agri-business leaders, AFA offers leader and career development training and community-based

academic scholarships for college men and women pursuing a career in an agriculture-related field.



#### **Des Moines Area Community College (DMACC)**

DMACC provides quality, affordable, student-centered education and training designed to empower all students in their pursuit of life's opportunities and

career goals. Des Moines Area Community College is a publicly supported two-year institution serving the Des Moines metropolitan area and surrounding counties. The College District includes all or major portions of Audubon, Boone, Carroll, Dallas, Guthrie, Jasper, Madison, Marion, Polk, Story and Warren counties and minor parts of 11 adjacent counties.



#### **Dow AgroSciences**

Dow AgroSciences began as the plant sciences business of The Dow Chemical Company, which was founded in 1897. A joint venture with Eli Lilly and Company in 1989 created DowElanco. With a focus on sustainable agriculture, DowElanco combined the leading chemistries of The Dow Chemical Company with those of the agricultural division of Eli Lilly. In 1997, The Dow Chemical Company acquired

full ownership of the business and named the business Dow AgroSciences. Today, they employ more than 8,000 people worldwide, and our 2012 global sales were \$6.4 billion (U.S.).

STEMconnector® STEMconnector® STEMconnector® STEMconnect



#### **Participating Organization Information**

#### **Iowa State University**

IOWA STATE UNIVERSITY

Iowa State is an international university with a friendly welcoming personality. Students from all 50 states and more than 100 countries come to Ames, Iowa, to choose from 100 majors, study with world-class scholars and hone their

leadership skills in 800-plus student organizations. Iowa State offers a great environment where students can enjoy reaching their potential and discovering their passions.



#### Land O'Lakes, Inc.

Land O'Lakes, Inc. is one of America's premiere member-owned cooperatives. They offer local cooperatives and agricultural producers across the nation an extensive line of agricultural supplies, as well as state-of-the-art production and business services. They also are a leading marketer of dairy-based food products for consumers, foodservice professionals and food manufacturers. Since 1921,

they have been member-owned and directed. Today, they are the second-largest cooperative in the nation with approximately 9,000 employees, 3,200 direct producer-members and 1,000 membercooperatives serving more than 300,000 agricultural producers. They handle 12 billion pounds of milk annually, produce a plethora of dairy foods products, are home to their respective industries' top value-added brands and are a trusted partner to many of the nation's top food companies and manufacturers. They do business in all 50 states and more than 50 countries.

#### Monsanto



Monsanto is a sustainable agriculture company. They deliver agricultural products that support farmers all around the world. They are focused on empowering farmers—large and small—to produce more from their land while conserving more of our world's natural resources such as water and energy. They do this with our leading seed brands in crops like corn, cotton, oilseeds and fruits and vegetables. They also produce leading in-the-seed trait technologies for farmers, which are aimed at protecting their yield,

supporting their on-farm efficiency and reducing their on-farm costs.



#### **National FFA Organization**

The National FFA Organization (formerly known as the Future Farmers of America) envisions a future in which all agricultural education students will discover their passion and build on that insight to chart a course for their education, careers and personal futures. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. Membership

continues to grow as the organization currently serves 579,678 members in 7,570 chapters in all 50 states, Puerto Rico and the Virgin Islands. Agricultural education prepares students for successful careers and a lifetime of informed choices in global agriculture, food, fiber and natural resources systems.

STEMconnector® STEM connector® STEM connector® STEM connector®



#### **Participating Organization Information**



#### **PepsiCo**

PepsiCo has a complementary food and beverage portfolio that enables them to provide more choices for their customers, and drives lower costs,

productivity enhancements and new capabilities. Their products are available around the world and their portfolio includes 22 brands that each generates more than \$1 billion in estimated annual retail sales. PepsiCo's mission is to be the world's premier consumer products company focused on convenient foods and beverages. They seek to produce financial rewards to investors as they provide opportunities for growth and enrichment to their employees, their business partners and the communities in which they operate. And in everything they do, they strive for honesty, fairness and integrity.



## **STEMconnector®**

1990 M Street NW
Suite 550
Washington, DC 20036
202-296-3009
202-296-5222

1	STEMconnector® and Next Steps Institute Present:	Tod Wella @CTFM annual to a	
July 9	Webinar on Public Engagement in STEM School Redesign	Ted.Wells@STEMconnector.org	
July 13-16	IFT Annual Meeting and Food Expo - Chicago, IL Presentation of STEM Food & Ag Council on July 14 <sup>th</sup>	Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org	
July 23	Fortune's Global 500 Issue Release –	Edie.Fraser@STEMconnector.org	
	Publish List of STEMconnector's 100 CEOs	Lorena.Fimbres@STEMconnector.org	
July 23-24	STEMconnector® Innovation Task Force – Session Two: At Cargill HQ in Minneapolis, MN – Dinner on July 23 <sup>rd</sup>	Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo Vice Chair: Alex Belous (Cisco)	
July 30	STEMconnector® and Next Steps Institute Present: Webinar on Corporate Engagement in STEM School Redesign	Ted.Wells@STEMconnector.org	
August 20	STEMconnector® and Next Steps Institute Present: Webinar on Lessons from STEM Schools	Ted.Wells@STEMconnector.org	
September 6	IT Forum at the National Press Club in Washington, DC Sponsored by Tata Consultancy Services (TCS)	Ted.Wells@STEMconnector.org	
September 11-13	13 <sup>th</sup> Annual STEM Education Conference Presented by Triangle Coalition for Science and Technology Education At the L'Enfant Plaza Hotel in Washington, DC	Edie.Fraser@STEMconnector.org Lorena.Fimbres@STEMconnector.org	
September 23	African First Ladies Meeting Hosted by STEMconnector® and Bunengi in New York City	Lorena.Fimbres@STEMconnector.org	
September 24	Dept. of Energy – Minorities in Energy Launch	Edie.Fraser@STEMconnector.org Giavanni.Babb@STEMconnector.org	
September 24	Introduction to the STEM Council Meeting Reception for STEMconnector® Members	Edie.Fraser@STEMconnector.org	
	STEM Councils Meeting – Session Five September 25 8:00 – 4:00PM EST TownHall Conference Call	Tim.Edwards@STEMconnector.org	
September 25	100 CEO Leaders in STEM - Town Hall/Event from 2:00 – 3:30 PM 100 CEO Leaders in STEM Panel – 4:00 – 5:00 PM	Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org	
September 26	Million Women Mentors Planning Meeting	Julie.Kantor@STEMconnector.org	
September 30 – October 3	Next Steps for STEM Schools Held in South Carolina	Ted.Wells@STEMconnector.org	
	Diversity Woman Summit and Women on Board Panel	Edia Franco OCTEMana a casto a cas	
October 1-3	At Gaylord Hotel in MD	Edie.Fraser@STEMconnector.org	
October 4	6th Annual 2013 Education and Youth Development Research Summit – Sponsored by My College Options, the event runs from 9:00 - 2:00 PM at the Ronald Regan Building & International Trade Center	Edie.Fraser@STEMconnector.org	
October 17- 18  October 23	World Food Prize – October 17 <sup>th</sup> To be held in Des Moines, IA  STEM Food & Ag Council - Inaugural Meeting – October 18 <sup>th</sup> To be held at Pioneer's Innovation Center in Johnston, IA  Latino Magazine Conference – Held at the Capitol Hilton in Washington, DC	Brian.Jackson@STEMconnector.org Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Ted.Wells@STEMconnector.org Lorena.Fimbres@STEMconnector.org	
	STEMconnector® Innovation Task Force – Session Three - Dinner on the 21 <sup>st</sup>	Edie.Fraser@STEMconnector.org	
October 31 – November 1	Pepsico – October 31 <sup>st</sup> Deloitte University – November 1 <sup>st</sup>	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo Vice Chair: Alex Belous (Cisco)	
November 5-7	Closing the Gap – Closeit.org Summit of Influence, Impact & Action on Closing the U.S. Skills Gap Produced by Innovate+Educate Dinner November 6 <sup>th</sup> in Washington, DC	Edie.Fraser@STEMconnector.org Ted.Wells@STEMconnector.org Brian.Jackson@STEMconnector.org	
November 11-12	The Global South Summit – Nashville, TN Participation from STEM Innovation Task Force Panel from STEM Food and Ag Council – November 12 <sup>th</sup>	Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org	
	White House Minorities in Energy Conference	Edie.Fraser@STEMconnector.org Giavanni.Babb@STEMconnector.org	
November 13	Discovery and STEMconnector®'s Diversity Forum at the Capitol Washington, DC	Edie.Fraser@STEMconnector.org Julie.Kantor@STEMconnector.org Yinka.Robinson@STEMconnector.org	
November 19	Minorities in Energy on Capitol Hill	Edie.Fraser@STEMconnector.org Brian.Jackson@STEMconnector.org	

The Maker Movement"  Computer Science Education Week  Computer Science Town Hall  Consultancy Services and STEMconnector® Release  Computer Science White Paper  TEMconnector® Annual Report to the Nation and Calendar 2014	Ted.Wells@STEMconnector.org  Ted.Wells@STEMconnector.org	
omputer Science Town Hall ata Consultancy Services and STEMconnector® Release omputer Science White Paper	Ted.Wells@STEMconnector.org	
ota Consultancy Services and STEMconnector® Release Computer Science White Paper		
omputer Science White Paper		
·	Ted.Wells@STEMconnector.org	
EMconnector® Annual Report to the Nation and Calendar 2014		
EMconnector® Annual Report to the Nation and Calendar 2014	Edie.Fraser@STEMconnector.org	
	Lorena.Fimbres@STEMconnector.org	
emens Competition Town Hall Conference Call	Ted.Wells@STEMconnector.org	
	Ted.Wells@STEMconnector.org	
2014		
ational Mentoring Month	Yinka.Robinson@STEMconnector.org	
	Julie.Kantor@STEMconnector.org	
	Julie.Kantor@STEMconnector.org	
	Edie.Fraser@STEMconnector.org	
	Tim.Edwards@STEMconnector.org	
	Brian.Jackson@STEMconnector.org	
	Bhan.sackson@31EWconnector.org	
	Ted.Wells@STEMconnector.org	
·	Brian.Jackson@STEMconnector.org	
	Ted.Wells@STEMconnector.org	
asimpton, DC National 4-11 Council Headqualters	Edie.Fraser@STEMconnector.org	
	Edie.Fraser@STEMconnector.org	
	Tim.Edwards@STEMconnector.org	
aid at Tata Consultancy Services in Santa Clara, CA	Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)	
FM Councils Meeting – Session Six		
_	Tim.Edwards@STEMconnector.org	
	Edie.Fraser@STEMconnector.org	
EM Career Accelerator Day	Tim.Edwards@STEMconnector.org	
•	Julie.Kantor@STEMconnector.org	
EM Innovation Town Hall from STEMconnector®	Tim.Edwards@STEMconnector.org	
	Edie.Fraser@STEMconnector.org	
U.S. News STEM Solutions Summit	Lorena.Fimbres@STEMconnector.org	
To be held in Washington, DC	Ted.Wells@STEMconnector.org	
	Julie.Kantor@STEMconnector.org	
Planned Release of STEM Wow! Facts (TBD)	Edie.Fraser@STEMconnector.org	
Science & Engineering Festival —	<u>Tim.Edwards@STEMconnector.org</u>	
	Lorena.Fimbres@STEMconnector.org	
	Lorena.Fimbres@STEMconnector.org	
ood and Agriculture National Conference	Edie.Fraser@STEMconnector.org	
inneapolis, MN – Presented by Faegre Baker Daniels	Brian.Jackson@STEMconnector.org	
	Ted.Wells@STEMconnector.org	
EM Councils Meeting – Session Seven	Tim.Edwards@STEMconnector.org	
	Brian.Jackson@STEMconnector.org Ted.Wells@STEMconnector.orga	
FEM Food & Ag Council – Second 2014 Meeting	Edie.Fraser@STEMconnector.org	
Jou a 75 Council Second LOLT Micetills	Lorena.Fimbres@STEMconnector.org	
Sou a rig country second zor- Meeting		
	Edie.Fraser@STEMconnector.org	
	Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five		
TEMconnector® Innovation Task Force – Session Five	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)	
TEMconnector® Innovation Task Force – Session Five TEMconnector® Leadership Publication –	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco) Lorena.Fimbres@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five TEMconnector® Leadership Publication – 1.00 Diverse Corporate Leaders in STEM"	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five TEMconnector® Leadership Publication –	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five  TEMconnector® Leadership Publication –  1.00 Diverse Corporate Leaders in STEM"  TEM Councils Meeting – Session Eight	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org Brian.Jackson@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five TEMconnector® Leadership Publication – 1.00 Diverse Corporate Leaders in STEM"	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five  TEMconnector® Leadership Publication –  L00 Diverse Corporate Leaders in STEM"  TEM Councils Meeting – Session Eight  TEM Food & Ag Council - Third 2014 Meeting	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org Brian.Jackson@STEMconnector.org Lorena.Fimbres@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five  TEMconnector® Leadership Publication –  L00 Diverse Corporate Leaders in STEM"  TEM Councils Meeting – Session Eight  TEM Food & Ag Council - Third 2014 Meeting	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo)     Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org     Edie.Fraser@STEMconnector.org     Tim.Edwards@STEMconnector.org     Brian.Jackson@STEMconnector.org     Lorena.Fimbres@STEMconnector.org     Edie.Fraser@STEMconnector.org     Ted.Wells@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five  TEMconnector® Leadership Publication –  100 Diverse Corporate Leaders in STEM"  TEM Councils Meeting – Session Eight  TEM Food & Ag Council - Third 2014 Meeting  conjunction with the World Food Prize in Des Moines, IA	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo)     Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org     Edie.Fraser@STEMconnector.org     Tim.Edwards@STEMconnector.org     Brian.Jackson@STEMconnector.org     Lorena.Fimbres@STEMconnector.org     Edie.Fraser@STEMconnector.org     Ted.Wells@STEMconnector.org     Edie.Fraser@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five  TEMconnector® Leadership Publication –  1.00 Diverse Corporate Leaders in STEM"  TEM Councils Meeting – Session Eight  TEM Food & Ag Council - Third 2014 Meeting  conjunction with the World Food Prize in Des Moines, IA  OSE IT Summit 2014  Washington, DC	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo) Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Tim.Edwards@STEMconnector.org Brian.Jackson@STEMconnector.org Lorena.Fimbres@STEMconnector.org Edie.Fraser@STEMconnector.org Ted.Wells@STEMconnector.org Edie.Fraser@STEMconnector.org	
TEMconnector® Innovation Task Force – Session Five  TEMconnector® Leadership Publication –  1.00 Diverse Corporate Leaders in STEM"  TEM Councils Meeting – Session Eight  TEM Food & Ag Council - Third 2014 Meeting  conjunction with the World Food Prize in Des Moines, IA  ose IT Summit 2014	Tim.Edwards@STEMconnector.org Chair: Heidi Kleinbach-Sauter (PepsiCo)     Vice Chair: Alex Belous (Cisco)  Lorena.Fimbres@STEMconnector.org     Edie.Fraser@STEMconnector.org     Tim.Edwards@STEMconnector.org     Brian.Jackson@STEMconnector.org     Lorena.Fimbres@STEMconnector.org     Edie.Fraser@STEMconnector.org     Ted.Wells@STEMconnector.org     Edie.Fraser@STEMconnector.org	
	rogramming by Million Women Mentors Partners and Sponsors aunch of Million Women Mentors lobal Forum: "Talent Mobility for the 21st Century" osted by Diplomatic Courier and STEMconnector® t the National Press Club in Washington, DC from 8:30 – 3:30PM ET igital Learning Day nancial Roundtable consored by the University of Phoenix, Hosted at KPMG, New York City vitation Only  IEM Food & Ag Council - First 2014 Meeting // Ashington, DC – National 4-H Council Headquarters  IEMconnector® Innovation Task Force – Session Four eld at Tata Consultancy Services in Santa Clara, CA  IEM Councils Meeting – Session Six // Ashington, DC // Orld Affairs Council Gala  IEM Career Accelerator Day IWM Advisory Council Meeting IEM Innovation Town Hall from STEMconnector®  U.S. News STEM Solutions Summit To be held in Washington, DC  Planned Release of STEM Wow! Facts (TBD)  S Science & Engineering Festival – t the Walter E. Washington Convention Center in Washington, DC  pood and Agriculture National Conference linneapolis, MN – Presented by Faegre Baker Daniels  IEM Councils Meeting – Session Seven	

STEMconnector® Team				
Edie Fraser	Chief Executive Officer	202-296-5222	202-421-4013	Edie.Fraser@STEMconnector.org
Ted Wells	Director, Strategic Partnerships	202-296-5224	202-677-5834	Ted.Wells@STEMconnector.org
Lorena Fimbres	Director, Corporate Development / Communications and Marketing	202-296-3009	202-604-8591	Lorena.Fimbres@STEMconnector.org
Julie Kantor	Chief Partnership Officer	202-296-9222	202-431-5016	Julie.Kantor@STEMconnector.org
Tim Edwards	Director, Special Projects	202-296-3118	530-906-5304	Tim.Edwards@STEMconnector.org
Tommy Cornelis	Director, Social Media	202-304-1952	202-306-3142	Tommy.Cornelis@STEMconnector.org
Brian Jackson	Manager, Research	202-304-1953	440-488-5682	Brian.Jackson@STEMconnector.org
Yinka Robinson	Communications Representative	202-304-1957	972-342-2232	Yinka.Robinson@STEMconnector.org
Giavanni Babb	Staff Representative	202-304-1951	240-383-8118	Giavanni.Babb@STEMconnector.org

#### **STEM**connector<sup>®</sup>



# Summary of Membership Benefits

(Duration = 1 Calendar Year from Agreement)

- STEM Food & Ag Council Membership
   — Participation in Food & Ag Council with member organizations, advisors and honorary members. Each member is encouraged to build leadership in Food & Ag human capital development with their teams and have its representative at each meeting, active on the committees, and participating in all relevant initiatives.
- 2. Inter-Council Relationships Due to the close nature of the Council, and the amount of collaboration and cooperation necessary for the Council to be effective, each member will work closely and develop relationships with all other members of the Council.
- **3. STEM Food & Ag Council Committees**: Individual member organizations can choose 1-2 of the following committees to serve on:
  - 1. Youth Engagement
  - 2. Workforce
  - 3. Branding, Marketing, and Communications

#### 4. STEM Food & Ag Council Events/Meetings:

- 1. 3 general Council meetings per year, hosted at headquarters of member organizations
  - **a.** October 18, 2013 (past) Inaugural Meeting at World Food Prize, Des Moines, IA
  - **b.** February 21, 2014 First 2014 Meeting in Washington, DC
  - c. July 21-22, 2014 Second 2014 Meeting in Washington, DC
- 2. 2-3 Global STEM-Focused Events
  - a. 2013 World Food Prize (past) October 17, 2013, Des Moines, IA
  - b. 2014 World Economic Forum/Global South Summit January 14, 2014, Washington, DC, National Press Club

Speaking opportunities in STEMconnector® events on the calendar and invitations to key events such as the USA Science & Engineering Festival & Town Hall Conference Calls.

- **5. Scaling Potential** The Food and Ag Council will provide an opportunity for organizations to scale up programs combining the resources of a shared group. While organizations will be able to brand their own initiatives, the Council provides a mechanism to hone and adapt initiatives to correlate to industry objectives.
- **6. Innovation Initiatives** The Council and its members will have the opportunity to work together to create initiatives that will drive workforce and human capital development in Food & Ag.

#### **STEM**connector<sup>®</sup>

7. Research – Research and reports conducted by the Council members and partner organizations will be open to the entire Council for interpretation, inclusion, collaboration and free use. STEMconnector® will actively aggregate this research and share findings with all Council members and organizations.

### **Branding and Communications Benefits**

- **1. Strategic Communications** STEMconnector® will give member organizations priority inclusion in all communications channels and products. Potential communications initiatives include:
  - 1. **STEMconnector® Blog** STEMconnector® will create blog post updates regarding the Council at regular intervals. Member organizations will also have the opportunity to create blog posts on the STEMconnector® Blog.
  - STEM Daily® Priority inclusion of stories and publications about Food & Ag in our daily newsletter.
  - 3. **Town Hall** One Town Hall Conference Call will be conducted annually. This is an online webinar that reaches out to audiences that average 1,000.
- 2. Social Media The Council and all member organizations will benefit from communications support via STEMconnector®'s Social Media Team. In addition, the Social Media Team will include Council events and activities of members on Twitter, Facebook, etc.
- **3. Branding** Each member's organization will have branding on all official, relevant documents, blog posts, press releases and presentations.

Contact: Brian.Jackson@STEMconnector.org or Ted.Wells@STEMconnector.org

# Inaugural Meeting of STEMconnector®'s STEM Food & Ag Council Takes Place at DuPont Pioneer Headquarters

Thought Leaders from Food and Agriculture Industries Discuss New Workforce Needs

Johnston, IA – The Inaugural Meeting of STEMconnector®'s STEM Food & Ag Council took place on Friday, October 18, 2013 at DuPont Pioneer headquarters, in Johnston, Iowa. This unprecedented event convened leaders from industry, education, professional societies and government in a working group that will address STEM (Science, Technology, Engineering and Mathematics) workforce and education issues faced by the Food and Agriculture industries.



Iowa Lieutenant Governor, Kim Reynolds, chairs the Council and Paul E. Schickler, President of DuPont Pioneer serves as Vice-Chair. The immediate past President of the Institute of Food Technologists, John Ruff attended and represented the Institute of Food Technologists (IFT) as a co-founding partner.

Goals of the inaugural meeting included acquainting members of the Council and articulating short, medium and long-term objectives to define a process for moving forward. Sessions were led by Lt. Governor Reynolds and Paul E. Schickler and coordinated by STEMconnector® CEO Edie Fraser.

Council members spent the first part of the day learning about how their fellow members were engaged in STEM education. From the industry side, Paul E. Schickler, Mark Matlock, Senior Vice President at Archer Daniels Midland (ADM), Melanie Galloway, President of Kemin Food Technologies (KFT) and Dr. Sherri Brown, Senior Director at Monsanto, all of whom are members of the Council, gave presentations on their organizations' workforce needs, and what they are currently doing to meet those needs.

The focus then shifted to educational and collaboration models to improve STEM education and career awareness in food and agriculture industries. The National 4-H Council and the National FFA Organization, the nation's two largest youth-serving agricultural education organizations presented, represented by Jennifer Sirangelo and Dr. W. Dwight Armstrong, respectively. Members heard from Rob Denson, President of Des Moines Area Community College and Dr. Wendy Wintersteen Dean of Iowa State's School of Food and Agriculture. Organizations dedicated to professionalization in these fields concluded the presentations with John Ruff of IFT and Russ Weathers, President & CEO of Agriculture Future of America (AFA).

The Council defined its process and focus using STEMconnector®'s STEM Innovation Task Force (SITF) model as a starting point for the Council. Dr. Heidi Kleinbach-Sauter, SVP of PepsiCo, presented her work as liaison of the SITF. This presentation served as a frame for the Food and Ag Council and a process model. The focus of the SITF has been threefold: exciting young people about careers, adding specificity to STEM by identifying clear action steps and building a campaign, and finally by increasing opportunities for research commercialization.

To conclude the session, Lt. Governor Reynolds led a discussion on a committee structure that will allow members to specialize based on their interests and exposure. Three committees were proposed: Youth Engagement, Workforce and Branding, Marketing and Communications. All committees expressed a firm commitment to promoting diversity and maintaining a global perspective in outreach.

Leading up to the next meeting to be held on February 21, 2014, members will select their committee and begin the process of identifying clear action steps moving forward through a series of bi-weekly conference calls. STEMconnector® will coordinate this activity.

Following the meeting, members toured DuPont Pioneer's facilities where they met young STEM professionals at DuPont Pioneer. From engineering to agronomy to information technology, members learned about the cutting edge careers abound in the food and agriculture industries.

#### Council members include:

Organization	Position	Member	Role
State of Iowa	Lt. Governor	Kim Reynolds	Chair
DuPont Pioneer	President	Paul E. Schickler	Vice-Chair
IFT	President	John Ruff	Co-Founder
National 4-H Council	COO	Jennifer Sirangelo	Member
ACSESS	CEO	Dr. Ellen Bergfeld	Member
ADM	Senior VP	Mark Matlock	Member
Agriculture Future of America	President & CEO	Russ Weathers	Member
DMACC	President, DMACC	Rob Denson	Member
Dow AgroSciences	Public Affairs Manager	David Sousa	Member
National FFA Organization	CEO	Dr. W. Dwight Armstrong	Member
Iowa State University	Dean, College of Ag and Life Sc.	Dr. Wendy Wintersteen	Member
Land O' Lakes, Inc.	SVP, Chief Administrative Officer	Peter Janzen	Member
Monsanto	Sr. Director, External Science Rel.	Dr. Sherri M. Brown	Member
PepsiCo	Senior VP, Global Food R&D	Dr. Heidi Kleinbach-Sauter	Member

**About the STEM Food and Ag Council** - The STEM Food & Ag Council is a unique public-private partnership dedicated to driving education and career opportunities for the next generation of the food and agricultural workforce. The STEM Food & Ag Council will assemble government, business and education leaders aimed at increasing collaboration and mobilizing resources to connect today's youth to the Food and Ag careers of tomorrow.

**About STEMconnector®** - STEMconnector® is the leading clearinghouse driving collaboration between stakeholders in STEM education and careers. Launched in 2011 with the mandate of identifying, informing and connecting stakeholders in STEM education, STEMconnector® has over 50 sponsoring organizations from the public, private and non-profit sectors.