

DuPont Update: Iowa

January 2013

DuPont in Iowa

- DuPont Industrial Biosciences (Genencor)
 - Cedar Rapids
- DuPont Cellulosic Ethanol
 - Nevada
- DuPont Performance Coatings
 - Fort Madison
- DuPont Pioneer
 - Algona
 - Ankeny
 - Boone
 - Cherokee
 - Dallas Center
 - Durant
 - Dysart
 - Hedrick
 - Johnston
 - Marion
 - Mount Pleasant
 - Orange City
 - Reinbeck
 - Renwick
 - Sheldahl
 - Toledo
 - Waverly
 - Williams

Employees:
Approximately 3,500

Breaking Ground for Renewable Fuel



DuPont came one step closer to commercializing advanced biofuels by breaking ground on its cellulosic ethanol facility in Nevada, Iowa. Expected to be completed in mid-2014, the more than \$200 million facility will be among the first and largest commercial-scale cellulosic bio refineries in the world.

This new facility is expected to generate 30 million gallons annually of cellulosic biofuel produced from corn stover residues, a non-food feedstock that consists of corn stalks and leaves.

“Nearly a decade ago, DuPont set out to develop innovative technology that would result in low-capital and low-cost cellulosic ethanol production,” said Jim Collins, president, DuPont Industrial Biosciences. “We recognized that science-powered innovation was the catalyst to make cellulosic ethanol a commercial reality and to help reduce global dependence on fossil fuels.

“By leveraging DuPont Pioneer corn production expertise and designing an integrated technology platform, we’ve built an affordable and sustainable entry point into this new industry,” Jim said. “We’re committed to continued productivity gains to drive costs down even further for the coming generations of plants, ones based on corn stover, as well as other feedstocks. And we didn’t get to this point alone. We’ve built an incredible partnership with the state of Iowa, Iowa State University, entrepreneurial growers and a whole host of partners around the country who share our vision of making renewable fuels a commercial reality.”

National Lieutenant Governors Visit DuPont Pioneer



DuPont Pioneer recently welcomed the executive committee of the U.S. National Lieutenant Governors Association (NLGA) to the Pioneer Johnston campus.

During their visit to Pioneer, the executive committee, including 14 lieutenant governors and lieutenant governors-elect, participated in two panel discussions.

The first, entitled “The Century’s Biggest Innovation Challenge: Agriculture,” addressed the challenges of feeding a growing global population with a steady or declining supply of arable land. Panelists included Paul Schickler, DuPont Pioneer president; Dr. Wendy Wintersteen, Dean of the College of Agriculture and Life Sciences at Iowa State University; and Dan Cosgrove, DuPont Pioneer vice president of business development. The panelists emphasized the importance of global collaboration and innovation to increase agricultural productivity and meet global food demand. In addition to improving global food security, a strong agricultural economy provides states with many benefits, including economic growth and a wide range of job opportunities.

The second panel discussion, “A 21st Century Economy Rooted in STEM (Science, Technology, Engineering and Mathematics),” featured panelists Pat Barnes, director – Global STEM Initiative, John Deere; Jenny Becker, executive director – community relations and charitable giving, Rockwell Collins; and Kari Webb, STEM regional manager, Iowa Lakes Community College. This session highlighted the strong growth ahead for STEM-related jobs and the shortfall of qualified candidates for those positions. Panelists shared information about their organizations’ efforts to improve and encourage STEM education.

After the panel discussions, the executive committee was given an exclusive tour of the Beaver Creek facility, Pioneer’s new \$40 million plant genetics research facility, which opened earlier this year. During the tour, the lieutenant governors participated in extracting corn embryos from corn kernels. “Hosting the NLGA executive committee at DuPont Pioneer headquarters was a great opportunity to help government leaders from across the U.S. see the value an innovative agricultural economy brings to a state and understand the importance of working collaboratively to solve the challenges of food security,” said Paul. “We must continue to work with partners at the local, state, federal and international levels to create an environment that encourages agricultural and scientific innovation.”

Strengthening STEM Learning



DuPont Chair and CEO Ellen Kullman recently accepted a position on the board of directors for Change the Equation (CTEq), a U.S. coalition of more than 100 CEOs committed to improving science, technology, engineering and mathematics (STEM) learning for U.S. students from preschool through 12th grade.

“I am passionate about improving our STEM pipeline and believe in the work of Change the Equation,” Ellen said. “STEM learning is a critical element to the success of companies like DuPont. A quality education system not only strengthens our schools, but our communities and our businesses. Students want to know how they can make a difference. We want them to know that through science and engineering they can.”

Ellen has championed market-driven science to drive innovation across the company’s businesses, providing the opportunity for STEM talent to solve some of the world’s greatest challenges, such as increased food security, decreasing dependence on fossil fuels, and protecting people and the environment. As a member of the President’s Council on Jobs and Competitiveness, she co-led the development of a detailed set of recommendations for improving STEM education from pre-K through post graduate education to ensure U.S. competitiveness globally.

DuPont has been committed to science education in primary and secondary schools, as well as colleges and universities, since the company’s formation in 1802. Its founder, E.I. du Pont de Nemours, believed education was the primary source of human progress and social well-being. Efforts have included education policy and reform, curriculum standards development, teacher and student

Contact

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DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace in the form of innovative products, materials, and services since 1802. The company believes that by collaborating with customers, governments, NGOs, and thought leaders we can help find solutions to such global challenges as providing enough healthy food for people everywhere, decreasing dependence on fossil fuels, and protecting life and the environment. For additional information about DuPont and its commitment to inclusive innovation, please visit www.dupont.com

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