

Blue Valley CAPS + Brooklyn's P-Tech High + San Diego's
High Tech High + STEM Schools in TX, OH, NC, TN, VA =

STEM BEST®

Lockheed-Martin's Skunk Works...

Defense Dept.'s DARPA...



Iowa Education's BEST®

Key Attributes of the STEM BEST Model

1. Education Driven by Industry Need

2. Rigorous, Relevant and Dynamic STEM Curriculum

3. Authentic Partnerships

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- Bettendorf & Pleasant Valley “Computer Science Academy”
- Cedar Rapids & College Community “Iowa BIG”
- Kirkwood CC & University of Iowa & Clear Creek Amana & Iowa City & Regina & Solon & Tipton & West Branch & College Community “STEM Innovator”
- Northeast Community School District in Goose Lake w/Lyondell Basell
- Rock Valley “Rocket Manufacturing”

\$122,558 STEM Council. \$804,087 sites and their partners. 145 community partners

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- 5 • Charles City & New Hampton & Osage & Rudd-Rockford-Marble Rock with Zoetis, Cambrex Corporation, Valent BioSciences Corporation, and others.
- Hoover High School with Grand View University, Biorenewables in Chemistry (CBiRC) at Iowa State University, Accumold, DuPont Pioneer, EFCO, Storey Kenworthy, and United Way of Central Iowa.
- Davenport Community School District with MA Ford, Alcoa, Phoenix Closures and others.

\$75,000 STEM Council. \$139,000 sites and their partners. 27 community partners

EFFECTS

- > 20 teachers professionally developed to work with industry partners
- > 300 students getting work-based learning experiences
- 11 new courses blending school and workplace
- 7 revamped collaborative, high tech. learning spaces
- 103 partners helping teach the courses

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6

13 (14) proposals. Funding for 6

Ankeny	Assumption
Davenport	BCLUW
Boone	Clinton
West Delaware	Ft. Madison
IKM-Manning	Muscatine
St. Joseph	Spencer
Story County Consortium	Waukee APEX
North Cedar Elem., Cedar Falls	

\$150,000 STEM Council. \$652,500 pledged by sites and their partners. 255 total partners

2016 Reviewers (yay!)

Dalayne Williamson, Iowa City Area Development Group, SE Regional STEM Board

Katherine Harrington, Des Moines Business Record, NC Regional STEM Board

Jennifer Boyd, Davenport Schools, BEST awardee 2015

Paul Bartelt, Waldorf College, NC Regional STEM Board

Sarah Rosenblum, Marshalltown Library, NC Regional STEM Board

Tamara Trinder, Mercy Clinics, Des Moines, Gov.'s STEM Advisory Council

Beth Ullmark, John Deere, SE Regional STEM Board

Kim Carter, IWCC, SW Regional STEM Board

Kris Kilibarda, State Science Consultant, IA. Dept of Ed.

Bill Holland, JB Holland Construction, NE Regional STEM Board

Erin Dragato, Mississippi River Museum, NE Regional STEM Board

Jordan Lampe, Dwolla, Gov.'s STEM Advisory Council

John Bedward, Buena Vista U., NW Regional STEM Board

Derek Brower, Northwester Coll., NW Regional STEM Board

Eric Forseth, Dordt Coll., NW Regional STEM Board

Wade Weber, ISU Extension, NW Regional STEM Board

STEM BEST®

Award date: November 2

- Ideas for additional funding sources?
- Ideas for how else we might honor non-awardees?