

# STEM Education + Workplace Partnerships

Governor's 2019 Future Ready Iowa Summit



## APRIL 29, 2019 (Monday)

**5:00 to 7:00 p.m.** Reception sponsored by Kemin Industries will be hosted for Summit attendees at the Science Center of Iowa at 401 W. Martin Luther King Jr. Parkway, Des Moines.

## APRIL 30, 2019 (Tuesday)

*MC: Jeffrey D. Weld, Executive Director, Governor's STEM Advisory Council*

**8:00 to 9:00 a.m.** Registration – Continental Breakfast and Networking

**9:00 to 9:05 a.m.** Welcome – The Honorable Adam Gregg, Lieutenant Governor of Iowa

**9:05 to 9:15 a.m.** “Future Ready Iowa and STEM: Next Steps” – The Honorable Kim Reynolds, Governor of Iowa

**9:15 to 9:45 a.m.** “Emerging Technologies Are Changing How We Grow and Prepare Tomorrow’s Workforce” – Pallavi Verma, Senior Managing Director, U.S. – Midwest for Accenture, Followed by Questions from Greene County High School Students

**9:45 to 9:50 a.m.** Break

**9:50 to 10:30 a.m.** “Work-Based Learning Changes Everything: A Panel of Business Leaders, Teachers and Students,” Followed by Questions from the Audience

Panelists:

- Rob Cunningham, Mathematics Educator, Spirit Lake High School
- Raquel Faulkner, Senior Engineer, Commercial Avionics-System, Collins Aerospace
- Kristen Rickey, Superintendent, West Delaware County Community School District
- Andy Roberts, Business Manager, Plumbers & Steamfitters Local Union 33, Des Moines
- Michael Thomas, Junior, Albia High School
- Teri Vos, Outreach and Community Relations Manager, Vermeer Corporation

Moderators: Jeff Weld, Executive Director of the Governor’s STEM Advisory Council and Former STEM Policy Advisor for the White House Office of Science and Technology Policy, and Debi Durham, Director of the Iowa Economic Development Authority and Executive Director of the Iowa Finance Authority

**10:30 a.m. to 12:15 p.m.** Speed Showcase – 20 Interactive Work-Based Learning Exhibits with Students, Educators and Employers. Moderator: Carrie Rankin, Managing Director of the Governor’s STEM Advisory Council

**12:15 to 1:00 p.m.** Lunch

**1:00 to 1:30 p.m.** “STEM to the Stars” – Peggy A. Whitson, Ph.D., Space and Science Consultant, Former NASA Astronaut, Followed by Questions from the Audience

**1:30 to 1:40 p.m.** “America’s STEM Strategic Plan” – Jeff Weld, Executive Director of the Governor’s STEM Advisory Council and Former Assistant Director of STEM Education at the White House

**1:40 to 1:45 p.m.** “Partnerships Lift Everyone” – Roger Hargens, STEM Council Co-Chair, Accumold President and CEO

**1:45 to 1:50 p.m.** Transition to Breakout Sessions

**1:50 to 2:40 p.m.** Breakout Sessions

1. STEM BEST – Businesses Engaging Students and Teachers
2. High School Registered Apprenticeships
3. STEM Teacher Externships
4. Iowa Clearinghouse for Work-Based Learning
5. Who Can Connect You? Meet the People Who Facilitate Education-Workplace Partnerships
6. Work-Based Learning Labor Laws and Legal Issues
7. Professional Development for Work-Based Learning
8. Pre-Apprenticeships

**2:40 to 2:45 p.m.** Transition to Main Ballroom

**2:45 to 3:30 p.m.** “Myth Busting: Overcoming Obstacles to Education-Workplace Partnerships” – A Panel Discussion, Followed by Questions from the Audience

Panelists:

- Kris Byam, Principal, Boone High School, Boone Community School District
- Rebecca Cole, Senior, West Delaware High School
- Dan Cox, Chief Administrator, Northwest Area Education Agency
- Ann Lebo, Executive Director, Iowa Board of Educational Examiners
- David Ottavianelli, Director, Special Projects, Labor Relations, John Deere
- Greer Sisson, Director, Iowa Office of Apprenticeship, U.S. Department of Labor

Moderators: Beth Townsend, Director of Iowa Workforce Development, and Ryan Wise, Director of the Iowa Department of Education

**3:30 to 3:40 p.m.** Closing Remarks, including announcement of the six Iowa *Computer Science is Elementary* awardees – The Honorable Kim Reynolds, Governor of Iowa