



Southeast Region STEM Advisory Board

September 27, 2019 11:00 a.m. – 1:00 p.m.

Kirkwood Regional Center at the University of Iowa
 2301 Oakdale Blvd
 Coralville, IA

Click this URL to start or join. <https://uni.zoom.us/j/574847781>

Join from dial-in phone line:

Dial: +1 646 558 8656 or +1 669 900 6833

Meeting ID: 574 847 781

Participant ID: Shown after joining the meeting

Friday, September 27, 2019	
11:00 – 11:05 a.m.	Pick-Up Lunches
11:05 – 11:20 a.m.	Introduction of New and Returning Board Members
11:20 – 11:30 a.m.	<u>Sign-Up</u> for Committees (current sign-ups attached) <ul style="list-style-type: none"> • STEM BEST Selection • Scale-Up Program Provider Selection • I.O.W.A. STEM Teacher Award Selection • Math Scale-Up Awardee Selection • Scale-Up Awardee Selection
11:30 – 11:45 a.m.	Special Math Scale-Up Application Due 10/1 The STEM Council released a special application for three math scale-up programs covering grades K-12. These programs are meant to bring more math educators into the fold and to build the math foundation. Available programs: <ul style="list-style-type: none"> • Bootstrap: Data Science • Desmos Middle School Math • Differentiated Math Centers
11:45 – 11:55 a.m.	I.O.W.A. STEM Teacher Award Each year, Kemins Industries sponsors this award which recognizes one outstanding teacher from each of the six STEM regions and presents them with a \$3,000 check (\$1,500 for themselves, \$1,500 for their classroom). Nominations are being accepted until October 4 at https://iowastem.gov/teacheraward and the Southeast STEM Region currently has 5 nominations.
11:55 a.m. – 12:05 p.m.	Board Chair Election At the October board meeting, board members will need to elect a new board chair for FY20. Nominations for board chair can be sent to Kristine at Kristine-bullock@uiowa.edu and previous board chairs may serve for up to three terms.

<p>12:05 – 12:20 p.m.</p>	<p>STEM Festivals Each year, the Southeast STEM Region organizes a number of community STEM Festivals to spark an interest for STEM for area youth and to engage parents in the conversation. Please consider volunteering or helping to recruit exhibitors to the following STEM Festivals:</p> <ul style="list-style-type: none"> • Johnson County STEM Festival October 10 from 4:00 – 7:30 in Coralville • Quad Cities STEM Festival October 29 from 4:00 – 7:30 in Bettendorf • Linn County STEM Festival February 18 from 4:00 – 7:30 in Hiawatha • Southeast Iowa STEM Festival February 22 from 10:00 – 1:30 in West Burlington • East Central Iowa STEM Festival March 29 from 1:00 – 4:00 in Belle Plaine <p>Current list of festival exhibitors attached. *More Ag companies/orgs needed</p>
<p>12:20 – 12:30 p.m.</p>	<p>Future Ready Iowa Employer Summits Opportunity for Iowa employers to learn how to leverage Future Ready Iowa resources to help grow their skilled workforce. Southeast STEM Region Locations:</p> <ul style="list-style-type: none"> • Fort Madison – Sept 10 • Burlington – Sept 12 • Fairfield – Sept 19 • Ottumwa – Oct 1 • Davenport – Oct 18 • Cedar Rapids – Oct 23
<p>12:30 – 12:50 p.m.</p>	<p>What are you excited to work on this year? Do you have events that need volunteers? Share out ideas for building our STEM network in FY20.</p>
	<p>Next Meeting – October 17 11:00 – 1:00 Location TBD Upcoming Meetings</p> <ul style="list-style-type: none"> • October 17 11:00 – 1:00 • November 14 11:00 – 1:00 • January 16 9:00 – 11:00 Virtual • February 19 – STEM Day at the Capitol & Mega Board Meeting • March 25 11:00 – 1:00 • May 21 11:00 – 1:00

COMMITTEES:

- **STEM BEST Selection – Dan D’Alessandro, Emily Strattan**
 - Sept.-Oct. ~3-12 hrs total. Statewide impact. Evaluate applications for Iowa STEM Business Engaging Students and Teachers (B.E.S.T.) proposals from across the state. Proposals provide youth a chance to work with business partners on real-world projects.
- **Scale-Up Program Selection – Corey Rogers, Dwight Dohman, Linda Zachar, Emily Strattan**
 - Sept.-Dec. ~ 24 hrs total. National impact. Evaluate the proposals of STEM program providers who want their program to be on the Iowa STEM Scale-Up program menu for 2020-2021.

- **I.O.W.A. STEM Teacher Award**
 - October. ~3-12 hrs total. Statewide impact. Evaluate nominations/applications to select the IOWA STEM Teacher awardees. Six educators selected (one per region).

- **Math Scale-Up Awardee Selection – Corey Rogers, Dwight Dohlman, Linda Zachar, Trina Weiland**
 - Oct 2 -22 ~3-12 hrs total. Statewide impact. Evaluate educator applications for Iowa STEM Math Scale-Up. These math educators will implement innovative math programming during the second half of the 2019-20 school year.

- **Scale-Up Awardee Selection – Dan D’Alessandro, Kate Moreland, Adriana Johnson**
 - March. ~3-10 hrs total. Regional impact. Evaluate educator applications to receive Scale-Up programs and help set the region's priorities for distribution of Scale-Up Awards.

Current Festival Exhibitors (Across all events):

Archer Daniels Midland (ADM)	Iowa Tech Chicks
Bayer - Muscatine Plant	John Deere
Bettendorf Family Museum	Kirkwood Community College - Automotive Technology
Bettendorf Police Department	Kirkwood Community College- KICK
Bettendorf Public Library	Kirkwood Community College - Advanced Manufacturing
Black Hawk College	Kirkwood Medical Laboratory Technology Program
Blank Park Zoo	KONE
Buffalo Elementary School	Mathnasium
Central DeWitt Community Schools	National Advanced Driving Simulator
CIVCO Medical Solutions	National Center for Science Education
Coralville Fire Department	Personal Genome Learning Center
Coralville Police	Procter and Gamble
Coralville Public Library	Putnam Museum & Science Center
Delta Robotics	QC Elite - Flaming Squirrels FRC Team 648
Department of Earth, Atmospherica, and GIS	Quad City Engineering & Science Council
Eastern Iowa Community College	Robo Minions Team 11142
Engineering Student Council	Science Center of Iowa
Exelon	Science Education Program, University of Iowa
Farm Bureau	Society of Women in Engineering
Flourish & Bots Project (all-girl FIRST robotics teams)	Sparkfun
FTC Team 8813 The Winter Soldiers	Sylvan Learning Center
Grant Wood Area Education Agency	The Grout Museum District
Guardian Industries	The Iowa Children's Museum
Hawk-Eyes on Science, Hawk-Eyes in Space	U of IA College of Dentistry Pediatric Dentistry Student Group
Herbert Hoover Presidential Library and Museum	University of Iowa Health Care STEM Education

HNI Corporation	University of Iowa Pediatric Dentistry
IMEG Corp	University of Iowa Police Department
Integrated DNA Technologies (IDT)	US Coast Guard Academy
Iowa City Parks and Recreation	UW-Platteville
Iowa City Public Library	VA Hospital
Iowa Public Television	Western Illinois University Engineering
Iowa Science Booster Club	Women in STEM Ambassadors
Iowa Speedway	YWCA Quad Cities