

### **Iowa STEM Scale Up Application Opens January 21**

The Iowa Governor's STEM Advisory Council has selected 13 STEM Scale-Up programs which are offered during the application period from January 21, 2020 through March 2, 2020. The program is a great opportunity to bring STEM programming into the classroom.

PreK-12 educators are eligible to apply including public and private school teachers, youth organization leaders, informal education professionals, home school associations and others who deliver STEM education programming.

Details on the programs can be found here: <https://www.iowastem.gov/scale-up/menu>. Contact the NC STEM Manager if you have any questions or would like more information: [kbergman@iastate.edu](mailto:kbergman@iastate.edu).

#### **2020-2021 STEM Scale-Up Programs:**

- Bootstrap: Data Science
- Computer Science Discoveries
- Computer Science Fundamentals
- Computer Science Principles
- Curriculum for Agricultural Science Education (CASE)
  - Agricultural Power and Technology
  - Desmos Middle School Math
  - Differentiated Math Centers
  - Pint Size Science
- Project Lead the Way (PLTW) Cybersecurity
- STEM in Action
- STEM Innovator
- VEX IQ Challenge - Presented by the REC Foundation
- VEX V5 - Presented by the REC Foundation



### **STEM BEST<sup>®</sup> Application Opens Feb. 10**

Bringing together business and education has created authentic work-based learning opportunities for students across Iowa. This real world application propels younger generations to seek the opportunities

### **Schedule a Lunch & Learn Today!**

What programs are on the 2020-2021 Scale-Up Menu?

How do I fill out a Scale-Up Application?

How do I "Get Started" on building a STEM Best Program and Application?  
(Yes, Elementary schools can apply too!)

How can I reach out to businesses to craft work-based STEM curriculum?

The STEM Regional Manager can walk you through all these questions and even bring STEM materials. Contact Kelly at [kbergman@iastate.edu](mailto:kbergman@iastate.edu).

### **Register a Booth at the Boone Family STEM Festival, April 25**

Join us in sharing the excitement of STEM with students and families across Iowa. Register a booth here:

<https://www.extension.iastate.edu/boone/stemfestbooth2020>

### **Welcome New Advisory Board Members, Jerry Chizek of Manson and Matthew Stephan of Fort Dodge**

that are present within their communities. Growing and nurturing Iowa's talent pipeline and creating a workforce that Industry needs today!

To bring a STEM BEST Program to your community here are the initial steps you can take:

**Gather a team.** The team will help create partnerships and identify the needs of your community.

**Bring Partnerships Together.** Reach out to local business to develop partnerships where real-world student-led projects can connect students to the community at large.

**Develop Rigorous, Relevant and Dynamic STEM Curriculum.** Discuss how to develop a curriculum that is innovative and uses collaborative work-based learning opportunities with partners.

**Discuss your Financial Contribution.** STEM BEST Programs are required to have a 1:1 cost-share match. Between the school and partners, contributions may come in the form of cash contribution or in-kind services.

**Reach out to a Regional STEM Manager.** Connect with your Regional Manager for guidance and feedback while you are on your way to becoming a STEM BEST Program model!



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## 2019-20 NC STEM Advisory Board

Jerry Chizek, Manson  
Lindsey Falk, St. Ansgar  
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Sara Nelson, Ames  
Michael Pedersen, Marshalltown  
Kristle Percy, Mason City  
Kathy Rogotzke, Mason City  
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Camille Sloan Schroeder, Boone  
Matthew Stephan, Fort Dodge  
Kerry Weig, Nevada  
Nancy Woods, Boone  
Michael Young, Ames  
David Zrostlik, Garner

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### Upcoming Events:

**January 21**

2020-2021 STEM Scale-Up Application Opens

**February 10**

2020-2021 STEM BEST® Application Opens

**February 19**

STEM Day at the Capitol

STAY CONNECTED

