Virtual Mentoring Portal
The Action Center is Here to Help!

- Coordinating & facilitating implementation of STEM programs
- Increasing awareness of STEM
- Aligning education and workforce needs
Connecting STEM education and industry to ensure Idaho’s long-term economic prosperity.

Engineering innovative STEM opportunities for educators, students, communities and industry to build a competitive Idaho workforce and economy.
Problem-Based Learning

- We believe that access to **STEM problem based learning** (focused on real world problems) will provide students with an opportunity to build skills including **problem solving, teamwork, collaboration and communication skills**

- We believe that **hands-on engagement in STEM** will generate interest and **build awareness of STEM study and career opportunities** for students

- We believe that as students **apply their knowledge and skills** gained through these experiences they will **increase their confidence in their STEM skills**
Six Locations:
- North Idaho College: June 18-21
- Lewis-Clark State College: June 18-21
- Idaho State University: June 19-22
- College of Eastern Idaho: June 25-28
- College of Southern Idaho: June 25-28
- College of Western Idaho: June 26-29

330 Participants in 29 strands.
48 Strand Providers

THANK YOU!!!
2018 i-STEM Theme

Bridging the Gap: Partnering, Collaborating and Mentoring in Our Digital Backyard
Discussion Questions

• Have you used mentors in your teaching environment?

• What worked, what didn’t work?

• What are the challenges of incorporating mentorship into your teaching environments?
Virtual, Project-Based, Statewide Mentorship Platform

- Focused on student projects, especially related to competitions
- Industry and higher-ed support for educators whose students are working on projects that could benefit from additional outside-the-classroom support
- Numerous studies have shown that one of the most powerful tools for retention of students in STEM is having a strong mentor

mentor
EDUCATOR

STUDENT  MENTOR
Go beyond the classroom with MME.
New Project

* indicates required field

Title *

Research description *

Letter of introduction *
Project Creation

This is the only information that a potential mentor sees when deciding to work with your student and/or understanding the project they will be working on. Even if your student is in the initial phases of deciding their project idea, there are key components to filling this information out well:

Use complete sentences. This may seem obvious, but it has come up as an issue every year. This project should be reflective of the commitment that the student is making to communicate well, and will set the tone.

Treat the letter of introduction as a way to share information that will make you memorable to the mentor and start to build the relationship. Include hobbies, future interests, etc. so that the mentor can start to get to know the student, not just the project.

Update the information as the project progresses. This should be a place for the mentor to reflect back to remember where the project stands in its current form.
If your student is in the beginning stages of creating a project idea/hypothesis, they can still provide valuable information in their description.
If your student has their idea well thought out and refined, they should share these details.
List of Project Categories

Categories * select 1-3

- [ ] Aeronautics & Aerospace
- [ ] Bioinformatics
- [ ] Chemistry & Biochemistry
- [ ] Earth & Environmental Science
- [ ] Engineering Mechanics
- [ ] Health & Medical Sciences
- [X] Mathematics & Cryptology
- [ ] Robotics and Intelligent Machines
- [ ] Special Topic 2
- [ ] Special Topic 5
- [ ] Agriculture & Plant Sciences
- [ ] Biology & Animal Sciences
- [ ] Computer Science & Coding
- [X] Economics, Family & Consumer Science
- [ ] Entrepreneurship
- [ ] Manufacturing & 3D Printing
- [ ] Physical & Chemical Energy
- [ ] Skilled Trade Technologies
- [ ] Special Topic 3
- [ ] Behavioral & Social Sciences
- [ ] Cellular, Molecular & Microbiology
- [ ] Computer Systems & Technology
- [ ] Engineering
- [ ] Environmental & Biomedical Engineering
- [ ] Materials Science & Nanotechnology
- [ ] Physics & Astronomy
- [ ] Special Topic 1
- [ ] Special Topic 4

[Update] [Cancel]
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Last Updated</th>
<th>Tags</th>
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<tbody>
<tr>
<td>Project for Melyssa Ferro</td>
<td>6 months ago</td>
<td>MF KM SS</td>
</tr>
<tr>
<td>Project for Educators</td>
<td>13 days ago</td>
<td>SC CH KM SS CT</td>
</tr>
</tbody>
</table>
Find Your Expert(s)

Add Mentor to Project

David Loomis

Economics and Public Policy of Energy

Economics, Education, Social Science

Add +
Test My Connection

Send email notifications to:

- Teachers
- Students
- Mentors

Hi, I'm Cindy Fennell. I'll be your mentor.

No messages to display at this time.
## i-STEM at NIC

### Video Conference

Video conferencing can only be used on Chrome and Firefox browsers. Do not use Internet Explorer. Or, download the Appear.in mobile app, and access the link from your phone. Video conference can accommodate a maximum of 8 users.

**Schedule Video Conference**

### Upcoming Conferences

No upcoming conferences at this time
Project Management Tool

- Using the project as a management tool and progress log
- Taking advantage of document sharing and video conferencing
- The importance of regular engagement with mentors
Discussion Questions

• How will the mentorship platform be helpful for you and your students?

• What projects/competitions do your students have that mentors can help with?

• How can the mentorship platform be helpful for younger students?
BECOME A MENTOR

Fill out Mentor Application

SIGN UP MY CLASS

Fill out Educator Interest Form
Mentorship Portal - Idaho STEM Action Center

Welcome to the Idaho STEM Action Center's Mentorship Portal. Please answer a few questions to help us understand how you are interested in using mentors with your students.

Name

iSTEM - Summer STEM Professional Development
Are you attending iSTEM?

Education Entity

Educational Role

Address

City, State

Zip
Second PD Assignment

Receive a second credit (graduate level) from BSU. Cost = $60

1) Complete the **registration** process for the Mentorship Platform.
2) Engage in mentorship activities via the Mentorship Platform in one of two ways:
   a) Identify **at least one** student-led project that would benefit from mentorship support, assist student with registration into the Mentorship Platform, and monitor the progress of the project in the platform. (10 hrs)
   b) Find **at least two** mentors in the Mentorship Platform or the community and set up visits with these mentors and a student group (either virtually or in person). (10 hrs)
3) Create a **lesson plan** in which there is mentorship engagement. (3 hrs)
4) Submit a **final report** via the Community Grants Portal (3 hrs) ([https://idahostem.force.com/gms/](https://idahostem.force.com/gms/)) answering questions about their experience engaging with the mentorship platform, connecting mentors and students, and student experiences working with a mentor, highlighting best practices, lessons learned and ways they will engage with mentors moving forward.
The IDAHO STEM ACTION CENTER is excited to fully welcome the i-STEM PROGRAM into the Center’s portfolio.

Bridging the Gap
Partnering, Collaborating and Mentoring in our Digital Backyard

The exceptional STEM professional development program provides high-quality, relevant and hands-on opportunities for Idaho STEM.

https://stem.idaho.gov/istem
Professional Development Credits

Assignment for 1st Professional Development Credit
Attend i-STEM Institute and Register on Mentorship Portal

i-STEM participants will receive one paid i-STEM undergraduate professional development credit from the College of Southern Idaho. To receive this credit participants will fill out a registration form during the institute and complete the following assignment.

Contact: John Hughes, CSI - jhughes@csi.edu ; 208-732-6549.

Participants must:
1. Attend all 4 days of the strand and institute.
2. Complete the post-institute survey via the Community Grants Portal (https://idahostem.force.com/gms/)
3. Complete the registration process for Mentorship Portal (https://mentorship.stem.idaho.gov/)

Assignment for 2nd Professional Development Credit
Engage with Mentors

i-STEM participants will have the opportunity to purchase ($60) a graduate professional development credit from Boise State University upon completion an assignment throughout the 2018-19 school year. A link to register for this credit and more information is available in the syllabus linked below.

Contact: Kaitlin McGuire, STEM AC - istem@stem.idaho.gov; 208-332-1729.
- i-STEM 2018 BSU Syllabus (pdf format)

Participants must:
1. Complete the registration process for the Mentorship Platform.
2. Engage in mentorship activities via the Mentorship Platform in one of two ways:
   a) Identify at least one student-led project that would benefit from mentorship support, assist student with registration into the Mentorship Platform, and monitor the progress of the project in the platform. (10 hrs)
   b) Find at least two mentors in the Mentorship Platform or the community and set up visits with these mentors and a student group (either virtually or in person). (10 hrs)
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4. Submit a final report via the Community Grants Portal (3 hrs) (https://idahostem.force.com/gms/) answering questions about their experience engaging with the mentorship platform, connecting mentors and students, and student experiences working with a mentor, highlighting best practices, lessons learned and ways they will engage with mentors moving forward.
istem@stem.Idaho.gov

mentorship@stem.Idaho.gov

grants@stem.Idaho.gov