Board Meeting
May 4, 2018
Room WW17
1:00 - 4:00 pm
GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

- Idaho Science & Engineering Fairs 2018
  - 118 projects and 170 students
  - Total projects increased by 46% with a 30% increase in the number of students from 2017
- 4 FIRST Teams competed at Worlds, placing as high as 8th
- Advanced & elementary drone trainings!
- Dual Credit – UI, ISU
- Making Sense of Science-Matter & Earth Systems PD
- ASSET-Engineering Design PD
- Early STEM PD Workshop
GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

- Rural Community STEM Engagement pilot
- Summer STEM grant
- Educurious
- C-STEM
- VR4Ed
- IDoCode - BSU, UI, ISU
- CS Co-Op – UI
- Junior Botball Challenge
- i-STEM:
  - 31 strands at 6 sites with ~400 educators
- Large-scale MOAs with NIC and BSU
- Sponsorships
GOAL #2: Align education and workforce needs throughout Idaho

- Project-Based Virtual Mentorship Platform Update
  - Over 60 mentors and 50 teachers have signed up
  - New easier registration

- US2020 Grant Update – Attending City Network Spring Convening in May (San Francisco) for winners announcements
Legislation

STEM School Designation

- Team of 25 selected AdvancEd model
- Working to craft MOU with AdvancED detailing scoring rubric and training for on-site evaluators and support team
- STEM AC will engage with schools with agreement and various level of attainment
  - Support will be financial and in-person
Idaho

Bill HO648

• Passed both House Ed and Senate Ed committees unanimously
• Signed by Governor Otter on March 23, 2018
• Every HS will offer a computer science courses during school hours (either in person or online) by 2020
National
Supporting Effective Educator Development (SEED) program

• The SEED program provides funding to increase the number of highly effective educators by supporting the implementation of Evidence-Based practices that prepare, develop, or enhance the skills of educators.

• Estimated 5-8 grants of $1,000,000-$6,000,000 per project year are to be awarded.

• “STEM with a particular focus on computer science.”

• Institutions of Higher Education and national non-profits may apply, though other project partners and sub grantees are allowed and may include non-profits with a local or regional reach, public entities, and private entities suitable to carry out the activities proposed in the application.

• Open March 21 - May 17, 2018
National Department of Ed announced its Education Innovation and Research (EIR) grant

- This is the second program which supports the Administration’s policy of dedicating $200 million to STEM and CS within Ed
- Primarily designed to fund innovations to improve student achievement and attainment for high-need students, with a strong evaluation component.
- One of the two absolute priorities is “Promoting Science, Technology, Engineering, or Math (STEM) education, with a particular focus on CS.”
GOAL #2: Align education and workforce needs throughout Idaho

STEM AC Foundation Update

• Idaho Gives Update
• Awaiting 501c3/nonprofit approval by IRS; slight delay—expected by April
• Excited to announce results of US2020 grant on May 18th 😊
• Difficulties in hiring “Foundation Director” as a Contractor and potential solutions
GOAL #2: Align education and workforce needs throughout Idaho

Donor Totals as of May 1, 2018
($660K)

- INL - $261K thus far
- Micron - $166k
- SDE i-STEM Support – $58K
- Andeavor - $25K
- ICfL – $23K
- Dutch Brothers - $23K
- Cable One - $10K
- INDEEDS Sponsorship – $10K
- Trailers Plus - $10K
- Power Engineers - $2K
- Individual Donors (27) - $12K
- In talks with Simplot, Clearwater, Verizon, Fluor, and Switzer
GOAL #2: Align education and workforce needs throughout Idaho

Top 6 Programs Donors are Choosing

- Educator PD: $267K
- Competitions: $92K
- Camp Scholarships and Support: $67K
- STEM Awareness Events: $56K
- Educator Resource Support: $10K
- INDEEDS: $10K
Total In-Kind Donations

Over $1.23m as of May 1 (10 months)

Includes judges, mentors, industry partnerships, and media coverage
GOAL #2: Align education and workforce needs throughout Idaho

ACTIONS Requested

Summer PD Opportunities

• ACTION: Help us share information with potential participants!!
Stem.Idaho.gov/grants
GOAL #3: Increase awareness of STEM throughout Idaho

Awareness Events: Junior Botball Challenge Day and SDE Conference Maker Room

Extensive Media Coverage for Advanced Drones and featured in Idaho Living and Boise Weekly
GOAL #3: Increase awareness of STEM throughout Idaho

Updating our Data Collection Methods and Outcome Metrics

Other Performance Numbers to Be Updated

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<th>FY16</th>
<th>FY17</th>
<th>FY18 (estimates)</th>
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<tr>
<td>Student Engagements</td>
<td>10,428</td>
<td>204,000</td>
<td>210,000+</td>
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<tr>
<td>Educators</td>
<td>1,200</td>
<td>4,800</td>
<td>5,000</td>
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<td>Community STEM Events</td>
<td>36</td>
<td>45</td>
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<td>Cash</td>
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<td>In-Kind (as cash equivalent)</td>
<td>Did not track</td>
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Presentation on Leveraging Report and Board
Discussion regarding other ways to leverage this report
Micron Foundation – Kami Faylor

Presentation on New Micron Gives Platform
STEM Summit Update

• Goal: Provide Guidance to OSBE and STEM AC regarding STEM education, needs and assets

• Morning keynote and panel

• Afternoon regionalized breakouts and possible funding to support localized efforts

• Please register here:
  https://www.eventbrite.com/e/2018-idaho-stem-summit-tickets-45038103179
Support Needed To Update Strategic Plan

• Due July 1, 2018

• GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

• GOAL #2: Align education and workforce needs throughout Idaho

• GOAL #3: Increase awareness of STEM throughout Idaho

• Optional Meeting to discuss objectives and performance metrics on June 6 from 9-11am
Support Needed To Create Additional Public-Private Partnerships

• Please introduce us to individuals, businesses or companies who can support our mission

• New P3 (Public-Private Partnership Sponsorship Application)
Due to Transition, only ‘mission critical’ legislation should be submitted

- July 13 – submit ideas
- August 17 – submit proposed legislation
FY20 Budget Request Due September 1:

- $2M for STEM
- $2M for CS
- Request funding for Data Analyst
- Foundation Director Request?
Public Comment
Areas You Can Support

**Messaging**

- Summer PD Opportunities
- Mentorship Portal Recruitment
- Introductions to STEM Supporters
Upcoming Events

STEM Summit: June 5, 9am-4pm, BSU
Strategic Planning: June 6, 9-11am, Hoff Building

Next Board Meetings:
August 22, 1:00 – 4:00 pm
October 30, 1:00 – 4:00 pm