Board Meeting
July 21, 2021

STEM Action Center Conference Room
1:00 – 3:30 pm
Introductions & Updates

Dee Mooney / Chair
Executive Director,
Micron Foundation

Dr. Dave Hill
State Board of Education Member

Dr. Joel Wilson
Deputy Superintendent of Operations,
State Department of Education

Jeff Rosser / Vice Chair
Director of Continuous Improvement,
Hecla Mining

Jennifer Jackson
Public Affairs and Strategic Initiatives,
Idaho National Laboratory

Wendi Secrist
Executive Director,
Workforce Development Council

Jake Reynolds
Business Development & Operations Administrator,
Idaho Department of Commerce

Paul Casey
Director Research and Development,
Chobani

Jad Mahnken
Recruiter,
Saint Alphonsus
Welcome Our New Board Member!

Dr. Joel Wilson
Deputy Superintendent of Operations
Approval of April Minutes

Request for Motion to Approve Minutes from April
Goal Updates

• GOAL 1: Advance equitable access to high-quality STEM+CS opportunities for educators, students, and communities

• GOAL 2: Align STEM education with workforce needs throughout Idaho

• GOAL 3: Increase awareness of the importance of STEM throughout Idaho
Goal Updates

Questions/Comments
Board Members –

- Laurie Anderson  
  Board President, Micron Foundation
- Nick Aldinger  
  Board Secretary/VO, IBL Events
- Molly Dimick  
  Treasurer, Simplot
- Hayler Rambur  
  Perpetua
- Christine Frei  
  Clearwater Economic Development Assoc.
- Dr. Angela Hemingway  
  T-Mobile
- Dr. Dave Hill  
  State Board of Education
- Dr. Kaitlin Maguire  
  STEM Action Center (non-voting member)
Fiscal Year 2021 End Donations

45% increase in donations from FY20

2.7 times the FY21 projection

First annual donation total > $1M!
FY21 Donation Sources

Corporate Donation
Personal Donation
Grants
Interest Income
Fiscal Year
2021 End
Program Spend

82% Public-Private-Partnerships

FY21 Expenses
$1,179,351

- General Partnerships & Initiatives
- Grants
- Professional Development
- Public-Private-Partnerships (P3)
- Student Competitions
<table>
<thead>
<tr>
<th>Top Donors</th>
<th>FY21 Support</th>
</tr>
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<tbody>
<tr>
<td>Idaho Community Foundation</td>
<td>$293,221</td>
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<tr>
<td>INL / Batelle Energy</td>
<td>$283,500</td>
</tr>
<tr>
<td>Micron Foundation</td>
<td>$193,525</td>
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<tr>
<td>Spokane Teachers Credit Union</td>
<td>$78,000</td>
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<tr>
<td>Laura Moore Cunningham Foundation</td>
<td>$65,000</td>
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<tr>
<td>ENCORE.org</td>
<td>$25,000</td>
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<tr>
<td>Boys &amp; Girls Club Lewiston</td>
<td>$20,000</td>
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<tr>
<td>Society for Science</td>
<td>$10,000</td>
</tr>
<tr>
<td>Bayer Fund</td>
<td>$10,000</td>
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<tr>
<td>FLUOR Idaho</td>
<td>$10,000</td>
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<tr>
<td>Interstate Group, LLC</td>
<td>$10,000</td>
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<tr>
<td>Support Trends</td>
<td>FY20</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Top Donor Support</td>
<td>$381,412 (INL)</td>
</tr>
<tr>
<td>Average Donation Amount</td>
<td>$7,513</td>
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<tr>
<td>Number of Donations</td>
<td>112</td>
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<tr>
<td>Employer Matching Gift Partners</td>
<td>3</td>
</tr>
</tbody>
</table>

- Top donor support came from different donors from FY20-FY21
- A more diverse donor community for FY21
- Giving campaigns increased the donor count and broadened the gift range
- Employer matching came from Micron, Intel, Docusign, HP (new), T-Mobile (new) and Lamb Weston (new)
Grants Awarded Recently

- AT&T (Drones Equipment for Students) $25,000
- Bayer Fund (i-STEM) $10,000
- Rocky Mountain Power Foundation/PacificCorp (i-STEM) $10,000
- Society for Science (IDSEF) $10,000

Grants Awaiting Notification

- Murdock Trust LOI $388,000
- Idaho Community Foundation Future Fund East $20,000
- Idaho Community Foundation Future Fund Southwest $25,000
- Idaho Community Foundation Future Fund South Central $5,000
- Bonneville Power Administration $3,000

New Grants Targeted for FY21 / In Development

- NSF Advancing Informal STEM Learning Grant $150,000 - $3M
- Brady Education Foundation Evaluation Support Grant $100,000
New FY 21 Industry and Foundation Partners

Bayer Fund
BANK of IDAHO
OPTUM
stcu
clearwater
encore.org
BOYS & GIRLS CLUBS OF THE LEWIS CLARK VALLEY
FIRST
Annual Strategic Plan, Performance Report, Budget Request
Idaho STEM AC Statutes

- **Idaho Code 67-823**: Established the Idaho STEM Action Center
- **Idaho Code 33-1633**: Computer Science Initiative
- **Idaho Code 33-4701**: STEM School Designation
- **Idaho Code 33-1634**: Computer Science for All
- **Idaho Code 33-523**: Established a STEM Diploma
- **Idaho Code 67-824**: Established the STEM Education Fund
- **Idaho Code 63-3029A**: Established STEM AC as an Idaho Education Tax Credit
Idaho STEM AC Statutes

• Idaho Code 67-823: Section 5

a) **Coordinate** all state departments and divisions on STEM-related activities;
b) **Perform industry** needs and education process foci on industry career talent, gap analysis and **needs assessment** to lead future STEM teacher professional development activities and goals;
c) **Align** public education STEM activities with higher education STEM activities;
d) **Identify and coordinate best practices** among public education and higher education;
e) **Strategically engage** industry, business and public or government entities to cooperate with the STEM action center and focus outcomes and goals on workforce needs and opportunities;
f) **Support high-quality professional development** focused on career readiness and talent development and provide other assistance for educators and students;
g) **Work cooperatively** with the Idaho department of education and the Idaho state board of education to define and implement pilot programs and select schools to:
   a) Further STEM education;
   b) Ensure that best practices are implement; and
   c) Integrate research and document results of that research; and
h) **Engage private entities** to provide additional funding and/or in-kind employee time for STEM activities in schools supporting industry career readiness in addition to what is currently provided by private entities.
Mission and Vision

• **MISSION**: Engineering To advance innovative opportunities for educators, students, communities, and industry to build a competitive Idaho workforce and economy through STEM and computer science education

• **VISION**: A diverse, equitable, thriving ecosystem for a prosperous, STEM-literate workforce to support the long-term economic prosperity of Idaho
Goals

• **GOAL 1**: Increase *awareness* of the importance of STEM throughout Idaho

• **GOAL 2**: Advance equitable *access* to high-quality STEM+CS opportunities for educators, students, and communities

• **GOAL 3**: Align STEM education with workforce needs throughout Idaho
Figure 3. Relationship Between STEM OST Program Duration and Program Outcomes
Goal 1: Increase awareness of the importance of STEM

**Objective 1A:** Increase awareness of STEM + CS programs and pathways for students, educators, parents, and community members.

**Objective 1B:** Increase interest among students in STEM + CS programs and pathways.

**Objective 1C:** Increase understanding among students, educators, parents, and community members on the value of STEM + CS education and workforce development.

Former objectives 3A and 3B

Performance Metrics – Value of earned media, reach of earned media
Goal 2: Advance equitable access to high-quality STEM + CS opportunities for educators, students, and community members

**Objective 2A:** Coordinate and collaborate with state agencies, K-12, institutes of higher education, non-profits, employers, and other partners to enhance STEM education and workforce development opportunities.

- Ties to §67-823: 5a, 5g, 5h, 5e
- Former objective: 1E

**Objective 2B:** Identify, pilot, and/or support high quality STEM opportunities that fill gaps in current offerings, including professional development, grants, and programs.

- Ties to §67-823: 5a, 5b, 5c, 5f, 5g
- Combines former objectives: 1A, 1B, 1C
Goal 2: Advance equitable access to high-quality STEM + CS opportunities for educators, students, and community members

**Objective 2C:** Improve institutional knowledge of barriers and solutions in broadening participation in STEM + CS education and workforce development.

Ties to §67-823: 5a, 5b, 5c, 5f, 5g
Former objective: 1D rewritten

Performance Metrics – Percentage of recommendations from statewide strategic STEM plan that are implemented each year.
Goal 3: Align STEM education with workforce needs

**Objective 3A:** Coordinate on-ramps for industry involvement in STEM education and workforce development initiatives and programs.
   Ties to §67-823: 5e, 5h

**Objective 3B:** Identify and support industry-led STEM education initiatives that focus on workforce development.
   Ties to §67-823: 5b, 5e, 5h
   Former objective: 2B

**Objective 3C:** Coordinate opportunities for students and educators to partner with local businesses
   Ties to §67-823: 5e, 5h
   Former objective: 2C

Performance Metrics – # of collaborative industry funded proposals, # of externs
• General Fund budget increase max of 3.1%:
  • FY23 request cannot exceed $3,150,893
  • This is an increase of $94,739
  • In conversations with DFM and Governor’s Office about 3.1% increase and one-time funding from surplus.

FY23 Budget Request
Due August 27, 2021
Board Updates
STEM AC Legislation (67-823) and Bylaws call for annual selection of Chair and Vice Chair

**MOTION Requested**

1) Nominations
2) Vote
Public Comment
Areas You Can Support

- Introductions to STEM Supporters
- Introductions to P3 partnerships
- Volunteer Recruitment
- Follow us on Social Media (or share)
Other Upcoming Events

Next Board Meeting
TBD

Idaho EcosySTEM
Statewide Meeting
October 14-15, 2021

Idaho Cybersecurity Summit
October 19-20, 2021

SBOE Meeting
October 20-21, 2021