

Board Meeting

July 21, 2021



IDAHO
STEM
ACTION CENTER

STEM Action Center Conference Room

1:00 – 3:30 pm

Introductions & Updates



Dee Mooney / Chair
Executive Director,
Micron Foundation



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



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



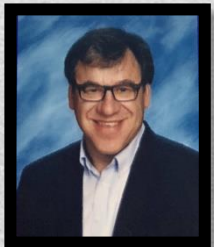
Dr. Dave Hill
State Board of
Education Member



Jennifer Jackson
Public Affairs and
Strategic Initiatives,
Idaho National Laboratory



Paul Casey
Director Research and
Development,
Chobani



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



Wendi Secrist
Executive Director,
Workforce Development
Council



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)





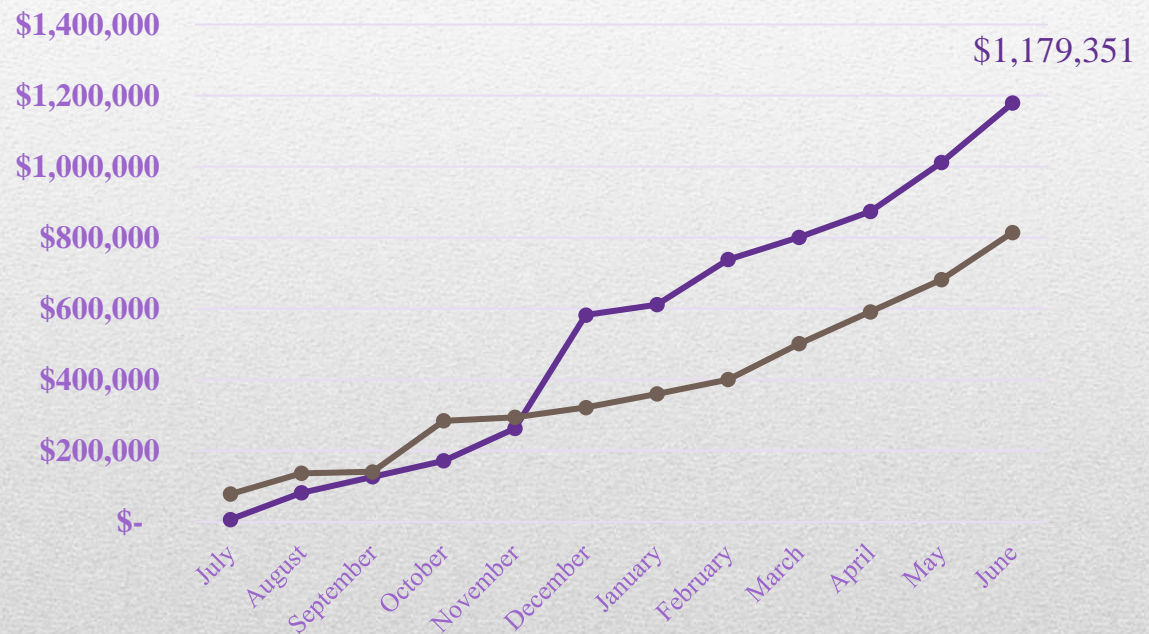
Fiscal Year 2021 End Donations

45% increase in
donations from FY20

2.7 times the FY21
projection

First annual donation
total > \$1M!

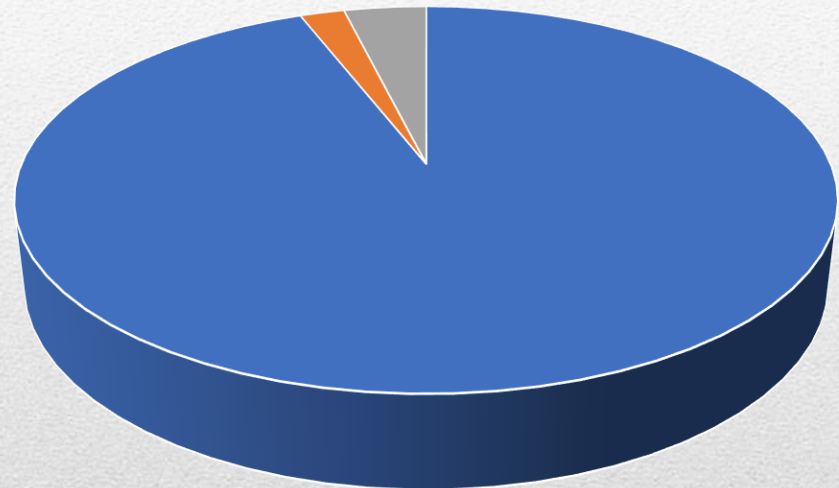
FY21 Donations





FY21 Donation Sources

FY21 Donation Sources



■ Corporate Donation ■ Personal Donation
■ Grants ■ Interest Income

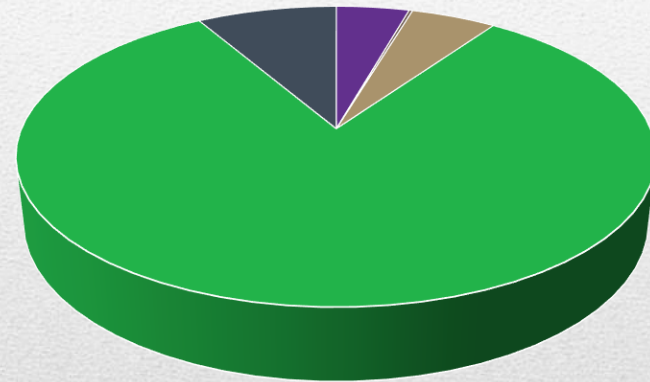


**Fiscal Year
2021 End
Program Spend**

82% Public-
Private-
Partnerships

FY21 Expenses

\$1,179,351



- General Partnerships & Initiatives
- Grants
- Professional Development
- Public-Private-Partnerships (P3)
- Student Competitions



Top Donors	FY21 Support
Idaho Community Foundation	\$293,221
INL / Batelle Energy	\$283,500
Micron Foundation	\$193,525
Spokane Teachers Credit Union	\$78,000
Laura Moore Cunningham Foundation	\$65,000
ENCORE.org	\$25,000
Boys & Girls Club Lewiston	\$20,000
Society for Science	\$10,000
Bayer Fund	\$10,000
FLUOR Idaho	\$10,000
Interstate Group, LLC	\$10,000





Support Trends	FY20	FY21
Top Donor Support	\$381,412 (INL)	\$293,221 (ICF)
Average Donation Amount	\$7,513	\$5,459
Number of Donations	112	215
Employer Matching Gift Partners	3	6

- 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



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.
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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



Goals

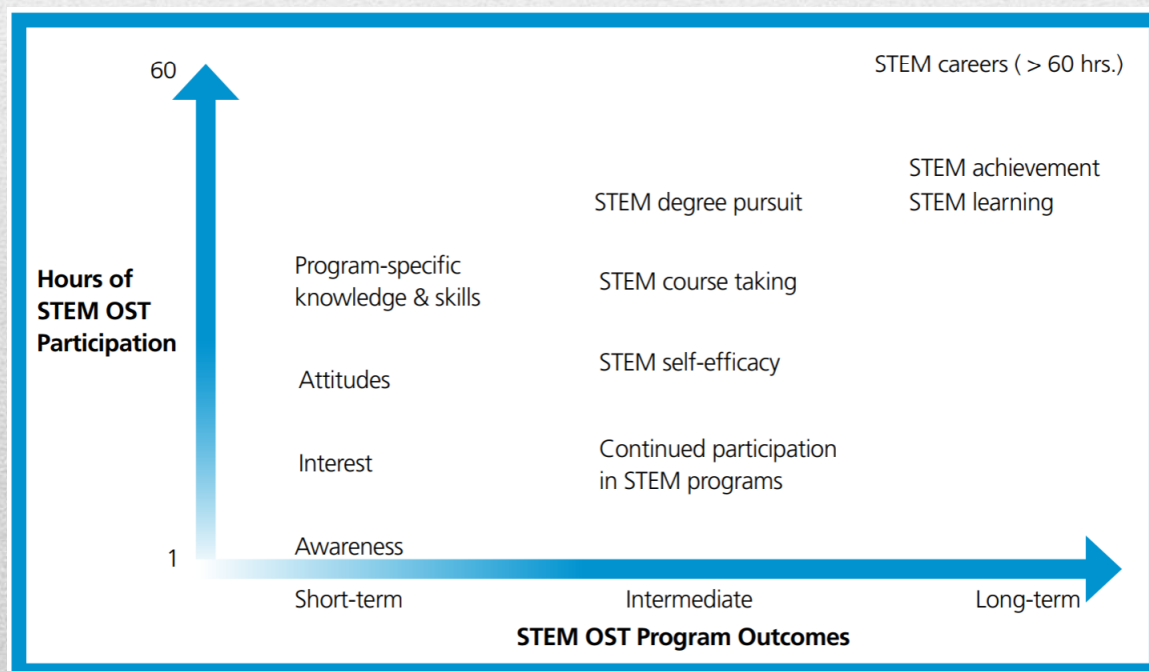


Figure 3. Relationship Between STEM OST Program Duration and Program Outcomes



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



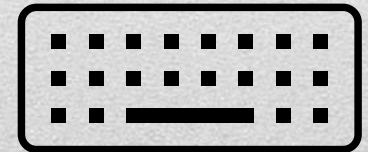
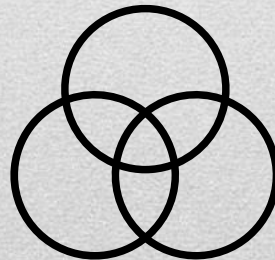
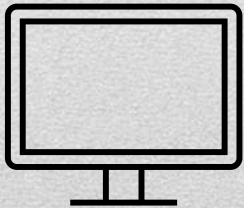
FY23 Budget Request

Due August 27, 2021

- 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.



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

