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

- Idaho Science &Engineering Fairs
  - Over 300 students & 230 projects!
- Camp Grant round 2 - over $258K requested
- Ready Set Drones!
- Dual Credit – UI, ISU

- Making Sense of Science- Matter &Earth Systems PD
- ASSET-Engineering Design
- Early STEM PD Workshop

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

- Rural Community STEM Engagement pilot
- Educurious
- C-STEM
- VR4Ed
- IDoCode - BSU, UI, ISU
- CS Co-Op – UI
- Junior Botball Challenge

- i-STEM: 37 strands; 6 sites
- Sponsorship include INL & SDE Idaho Power. Application Open NOW!

GOAL #2: Align education and workforce needs throughout Idaho

- Project-Based Virtual Mentorship Platform Update
- US2020 Grant Update
- CS High School Opportunities (See Handout); related to CS for All legislation

FY19 Legislation – On the Docket TODAY!

CS for All

- See Handouts (Legislation, Supporting Documents)
- Requires schools serving grades 9 – 12 to offer computer science by 2020
- This can be done traditionally, online, or hybrid

GOAL #2: Align education and workforce needs throughout Idaho
STEM AC Foundation Update

- Processed over 100K public-private partnership grants from INL

- Foundation Board meeting held
  - Approved Foundation Positions and Key Priority Indicators

- Awaiting 501c3/nonprofit approval by IRS; slight delay-expected by April

- Gave first presentation on STEM AC and STEM AC Foundation

- Excited to announce results of US2020 grant in May ☺

GOAL #2: Align education and workforce needs throughout Idaho

Donor Totals as of March 9, 2018 ($650K)

- **INL - $261K thus far**
- **Micron - $166k**
- **SDE i-STEM Support – $58K**
- **Andeavor - $25K**
- **ICfL – $23K**
- **Dutch Brothers - $23K**
- **INDEEDS Sponsorship – $10K**

- **Cable One - $10K**
- **Trailers Plus - $10K**
- **Power Engineers - $2K**
- **Individual Donors (22) - $10K**
- **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:** $263K
- **Competitions:** $92K
- **Camp Scholarships and Support:** $67K
- **STEM Awareness Events:** $56K
- **Educator Resource Support:** $10K
- **INDEEDS:** $10K

Total In-Kind Donations

Over $1.141m as of March 1 (8 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

Handout: Mentorship Portal
- **ACTION**: Help us recruit mentors & educators (handouts)
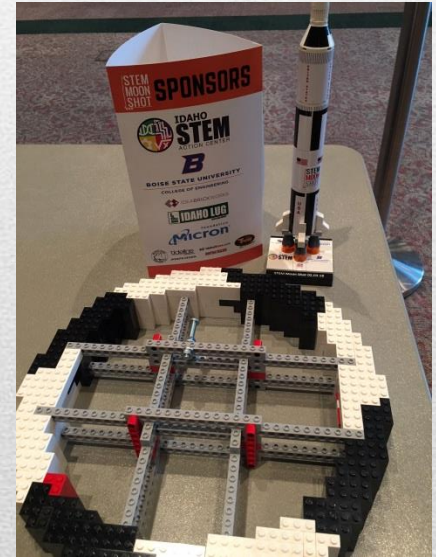
mentor

GOAL #3: Increase awareness of STEM throughout Idaho

Awareness Events: BSU Engineering & Science Festival – MoonShot build!

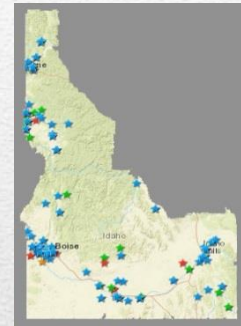**Extensive Media Coverage** for FabSLAM and ISEF

GOAL #3: Increase awareness of STEM throughout Idaho

Impact data map available:

- Map contains funding opportunities and legislative districts for all funded opportunities

Other Impact Number

	FY16	FY17	FY18 (estimates)
Student Engagements	10,428	204,000	210,000+
Educators	1,200	4,800	5,000
Community STEM Events	36	45	75
Cash	$72,000	$205,000	$500,000
In-Kind (as cash equivalent)	Did not track	$662,000	$750,000

Support Needed To Update Strategic Plan

- Due July 1, 2018

- Discussion: STEM and CS – split or lump?

STEM Summit and/or Governor's Summit

- NGA Workforce Development Grant requires a Governor's Summit on Workforce Development

- The State Board would like to see a STEM Summit in 2018

- Discussion: Make an effort to combine the two events?

- Pros/Cons Discussion

JFAC Appropriation for STEM AC's FY19 Budget

	FTP	Gen	Ded	Fed	Total
FY 2018 Original Appropriation	4.00	4,489,500	2,100,300	0	6,589,800
Removal of Onetime Expenditures	0.00	(2,005,900)	0	0	(2,005,900)
FY 2019 Base	4.00	2,483,600	2,100,300	0	4,583,900
Benefit Costs	0.00	(5,600)	0	0	(5,600)
Statewide Cost Allocation	0.00	800	400	0	1,200
Change in Employee Compensation	0.00	10,200	0	0	10,200
FY 2019 Program Maintenance	4.00	2,489,000	2,100,700	0	4,589,700
1. Financial Officer Position	1.00	85,100	0	0	85,100
2. Senior Research Analyst	1.00	0	0	0	0
3. Computer Science Initiative	0.00	2,000,000	0	0	2,000,000
4. IT/Telecommunications	0.00	1,800	0	0	1,800
Cash Transfers	0.00	(2,000,000)	0	0	(2,000,000)
FY 2019 Total	6.00	2,575,900	2,100,700	0	4,676,600
Chg from FY 2018 Orig Approp	2.00	(1,913,600)	400	0	(1,913,200)
% Chg from FY 2018 Orig Approp.	50.0%	(42.6%)	0.0%		(29.0%)

FY19 Budget Recommendation = $4.7M

FY19 Budget Request:

- $2M for STEM – ongoing
- $2M for CS – one time into STEM Ed Fund over which we have $2M in spending authority
- Two Additional FT Staff Members Requested and Recommended
  - The Fiscal Officer was approved and funded
  - The Data Analyst was approved, but not funded

Legislation

STEM School Designation

- 2nd Meeting at OSBE on January 30, draft rubric selected for implementation
- 3rd Meeting scheduled for April 4
  - Finalize scoring rubric/guide and agreements
  - Determine implementation timeline for applications and awards

FY19 Legislation – Passed

STEM AC Board

- Creates staggered terms and clarifies advisory role
- Passed with strong bipartisan support and awaits Governor's signature

Science Standards Support

- Passed with both the performance standards and supporting content

Updated Data from IDOL

In 2017,
6,000 STEM JOBS
WERE UNFILLED IN IDAHO,
resulting in nearly
$355 Million
of unclaimed personal income.

Idaho's STEM jobs
PAY WELL
DOUBLE THE
MEDIAN WAGE
of non-STEM JOBS.

If these **STEM JOBS**
were filled, state tax revenues
would **INCREASE BY**
OVER
$20 MILLION.

Innovation Collective

Presentation Regarding a Proposal Related to Ten Cities Model

Public Comment

Areas You Can Support

Messaging

-Summer PD Opportunities

-Mentorship Portal Recruitment

Upcoming Events

WISEF: BSU SUB - March 16th

FIRST Robotics: BSU Taco Bell Arena - March 29 - 31

Next Board Meetings:

May 4 and August 22, 1:00 - 4:00 pm

We are going e-docs in May!