Board Meeting
January 10, 2017

Room WW17
1:00 - 4:00 pm
GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

- Idaho Science and Engineering Fairs
  - GOAL: 90 projects -- received 235!
- FIRST Robotics Grant and Recruitment
  - EVERY county in Idaho now has a first team with 40% female participants

- CS Device and PK12 STEM Grant
  - Press info is being released now
- PD Initiative
  - Four opportunities have been selected and we begin recruiting teachers in late January
PK12 & Device Grant Update

Funds Available  Funds Requested

PK 12 Innovative STEM Project  CS Devices  Wonder Media

Funds Available

$50,000  $100,000  $150,000  $200,000  $250,000  $300,000  $350,000  $400,000
GOAL #2: Align education and workforce needs throughout Idaho

- Project-Based Virtual Mentorship Platform Update
- Oracle Trainings

- CS Co-Op and UI
- Expansion of CS Endorsement
- Expansion of dual credit CS
- Governor’s STEM Educator Scholarship
GOAL #3: Increase awareness of STEM throughout Idaho

- **Presentations**: STEMx National Conference; FIRST KickOff Event; Idaho Positive Behavior Conference; Partnering with INL, Idaho EdTech Conference
- **Marketing Plan** with ITC, F.M. and Industry
- **NSF Grants** – INCLUDES, iTEST and CS for ALL

- Working on **Media Coverage** for PK12, Device, Wonder Media and PD Initiative
- **STEM Matters at the Capitol**, Tuesday January 24th
GOAL #3: Increase awareness of STEM throughout Idaho

Impact data map available:
• Map contains funding opportunities and legislative districts for FY16 and FY17

How do our awareness efforts compare to other states?

<table>
<thead>
<tr>
<th>Year Created</th>
<th>Avg. Monthly Web Visitors</th>
<th>Newsletter Subscribers</th>
<th>Facebook “Likes”</th>
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</thead>
<tbody>
<tr>
<td>2015</td>
<td>1,700 Idaho Visitors (since July website revamp)</td>
<td>4,300 Idaho Subscribers</td>
<td>632 “Likes”</td>
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<tr>
<td>2014</td>
<td>1,600 Utah Visitors</td>
<td>3,300 Utah Subscribers</td>
<td>1,196 “Likes”</td>
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<tr>
<td>2012</td>
<td>N/A - unavailable for Iowa</td>
<td>3,130 Iowa Subscribers</td>
<td>818 “Likes”</td>
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</table>
ESSA and STEM

• ESSA puts a greater emphasis on ensuring a well-rounded education and ensuring equity.

• ESSA recognizes that:
  • High-quality STEM education opportunities are essential to achieving both these goals.
  • STEM learning opportunities and support for STEM teachers is very important.
  • States need flexibility to set new policy and funding priorities, and they can do that to support STEM learning.
NESSA and STEM

NESSA Title II funding can be used for:

- Professional Development (including STEM)
- Development of STEM teacher leaders and mentors
- Differential pay (with priority for STEM)
- Teacher recruitment and retention (including STEM)
- Career and Technical Education
- Integration of technology into curriculum
- Early childhood education programs (including STEM)
ESSA and STEM

ESSA Title IV funding can be used for STEM Programs including:

- Expanding high quality STEM coursework
- Increasing access to STEM for underserved and at-risk populations
- Supporting student participation in non-profit STEM competitions
- Providing hands-on learning opportunities in STEM
- Integrating other academic subjects into STEM, including the arts
- Creating or enhancing STEM-specialty schools
- Integrating classroom-based, afterschool, and informal STEM instruction
- Expanding environmental education
What should be STEM AC’s involvement with ESSA?

ESSA vastly expands resources that are available to states and districts for STEM, but….

- There are no guarantees that funds will be used for STEM
- Many state and district officials are not yet aware that they can use funds in this fashion

- Should the Center be the voice of STEM in ESSA?
- Should the Center take the lead on helping to educate districts about the various ways funding can now be used?
- If not, who should do it?
- Who is responsible for writing statewide grants for potential STEM funding?
FY18 Budget

Request:

• Funding to remain at FY17 levels and become ongoing

• New FT staff member - Grants and Contracts Operations Analyst

Predictable budget & additional staff facilitates planning and maximizes the Center’s efficiency.
## Governor’s Recommendations for STEM AC’s FY18 Budget

### Agency Expenditure Summary

<table>
<thead>
<tr>
<th>By Function</th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>FY 2018</th>
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<tbody>
<tr>
<td>STEM</td>
<td>Approp</td>
<td>Actual</td>
<td>Approp</td>
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<tr>
<td></td>
<td>647,300</td>
<td>558,200</td>
<td>4,520,700</td>
</tr>
<tr>
<td>Total</td>
<td>647,300</td>
<td>558,200</td>
<td>4,520,700</td>
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<tr>
<td>By Fund Source</td>
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<tr>
<td>General</td>
<td>547,300</td>
<td>509,000</td>
<td>2,420,700</td>
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<tr>
<td>Dedicated</td>
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<td>0</td>
<td>2,000,000</td>
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<tr>
<td>Other</td>
<td>100,000</td>
<td>49,200</td>
<td>100,000</td>
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<tr>
<td>Total</td>
<td>647,300</td>
<td>558,200</td>
<td>4,520,700</td>
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<td>By Object</td>
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<tr>
<td>Personnel Costs</td>
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<td>Operating Expenditures</td>
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<td>Capital Outlay</td>
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<td>Trustee/Benefit Payments</td>
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<tr>
<td>Lump Sum</td>
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STEM Matters Day at the Capitol

Tuesday, January 24th from noon-4pm

- Can you attend?
- Do you have suggestions for invites?
FY18 Legislation

STEM School Designation

• See Handout
• No new appropriation, would use STEM AC funds if subcommittee determines awards should also be monetary
Public Comment
Upcoming Events

One-On-One Calls: Jan 30 – Feb 10
STEM Matters: January 24th, noon – 4pm
JFAC: January 27th, in the morning
ISEF: BSU=Feb 18; UI = Mar 4; ISU = Mar 11

Next Board Meeting
March 21, 1:00 - 4:00pm