FY18 Budget

Appropriation:

- Funding to remain at FY17 levels
- $2M for STEM (ongoing)
- $2M for CS (onetime)
- New FT staff member - Grants and Contracts Operations Analyst (Handout)
FY18 Legislation

STEM School Designation

• No new appropriation requested

• Need to form subcommittee via the State Board to draft administrative rules for the session in FY18

• Nomination to serve on this subcommittee: admin@stem.idaho.gov
GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

• Idaho Science & Engineering Fairs
• FIRST Robotics Competition
  March 30 – April 1 at Taco Bell Arena

• Passage of CS and updated science and math standards
• **PD Initiative**
  TEN opportunities are now open and we are recruiting educators
GOAL #2: Align education and workforce needs throughout Idaho

- Expansion of CS Endorsement
- Expansion of dual credit CS
- Code.org visit (ITC/IDLA/STEM AC)
- Business Educator Exchange
- VR expansion throughout Idaho

- Project-Based Virtual Mentorship Platform Update
GOAL #3: Increase awareness of STEM throughout Idaho

- **Presentations:** Idaho EdTech Conference, AAUW, ISEF, FIRST Robotics Welcome, NSTA, Prevention Conference
- **Bright Spots Quotes needed**
- **4 NSF Grants:** INCLUDES (2), CS for ALL, and iTEST

- **Media Coverage:** ISEF, Kuna Melba News, PD Initiative
- **Career and Family STEM Grant Awards**
- **Impact data map contains funding opportunities and legislative districts for FY16 and FY17**
Public Private Partnership – Tesoro Library/Community Robotics Kits

- **Tesoro**: Provided $50,000 in monetary support
- **ICfL**: Provided $5,737 monetary, oversaw grant, provide 2 days training to 45 libraries ($55,000 total)
- **STEM AC**: Developed concept, wrote grant ($35,000)
- **Stemfinity**: Kit assembly, packaging & guide alignment ($5,000)
- **RESULT**: 45 libraries throughout Idaho will receive robotics kits plus 2 days training. They then train others to use in classrooms, community organizations, and at family STEM events
- **TOTAL VALUE**: ~$145,737 for a cost of $35,000 (76%) covered with external funds
Public Private Partnership – Regional Science and Engineering Fairs

- **Estimate Cost:** ~$70,000 per region, including educator training plus materials and travel grants for students
- **Supporters:** BSU, ISU, UI, Micron, INL, KBOI2, IPTV, Verizon, Fluor, Discovery Center of Idaho ($125,000)
- **In-Kind:** Judges, mentors, volunteers ($15,000)
- **STEM AC:** Developed competitive applications, vetted student projects, ran each fair including judging, volunteers, and awards
- **RESULT:** 225 student submitted projects, only 125 students (78 projects) competed. Four projects advance to the international event (14 students total will compete and observe)
- **TOTAL VALUE:** ~$210,000 with ~$150,000 (71%) covered with external funds
• **Wonder Media:** Provided $69,000 (hardware, software, and training to six Idaho schools)

• **KBOI2:** Provided media coverage including airing of PSA created by students at Wilder Elementary ($28,875)

• **STEM AC:** Accepted competitive proposals and invested $50,000 to support school hardware and development of training and curriculum

• **RESULT:** 6 schools will receive the complete Wonder Media Story Maker package, training, and curriculum (developed by Wilder educators)

• **TOTAL VALUE:** ~$147,000 for a cost of $50,000 (67%) covered with external funds
Public Private Partnership – Code.org

- **IDLA:** Supports training platform and logistics (~$70,000)
- **Code.org:** “Free” training this year ONLY (estimated value $100,000)
- **STEM AC:** Supports teacher travel and training materials ($70,000)
- **RESULT:** 230 educator trained in CS throughout the state in FY17
- **TOTAL VALUE:** ~$240,000 with ~$170,000 (71%) covered with external funds
Public Private Partnership – CSI Summer Bridge Program

- **CSI:** $50,000 monetary and $17,000 in-kind to support first time STEM-degree seeking students with summer transition course and activities to prepare them to CSI in the fall
- **INL:** $15,000 monetary
- **STEM AC:** $5,000 monetary
- **RESULT:** 10 students spend 8 weeks preparing to transition into CSI STEM coursework
- **TOTAL VALUE:** ~$87,000 with $82,000 (94%) covered with external funds
Public Private Partnership – Marketing Campaign

- **Fahlgren Mortine** - In-kind $12,000
- **Idaho Technology Council** - $2,500 monetary support
- **STEM AC** - $9,000 monetary input

**RESULT:** Comprehensive communication plan and supporting materials created

**TOTAL VALUE:** $23,500 with ~$14,500 (61%) covered with external funds
Welcome Raino Zoller
Next Steps

• Need to file appropriate paperwork
• Need to hire a director (contractor) – this would be a short-term solution.
• Need to begin working with contractor on business introductions and co-authoring grants
STEM Diploma

Discussion with Lorna as lead –
please see handouts

Letter from North Idaho Stem Academy Students to Idaho Ed News
Workforce Development Task Force Update

Update from Dave and Ken
Upcoming Events

**One-On-One Calls:** Late April

**Strategic Planning Meeting:**
Doodle Poll coming soon, early May
Plan DUE July 1, 2017

**Next Board Meeting**
May 30, 1:00 - 4:00pm
WW17