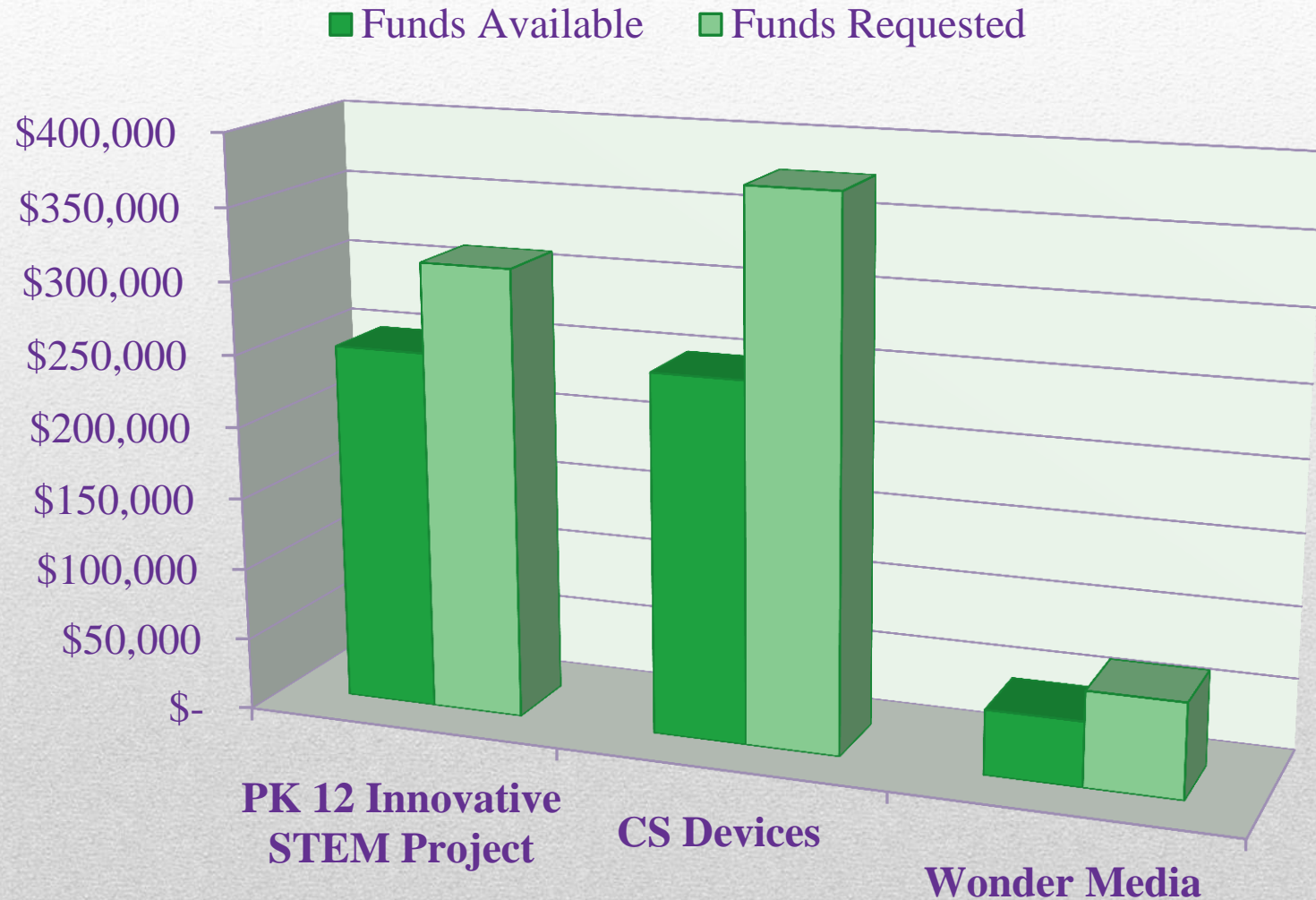# GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

- 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

Chart legend: ■ Funds Available ■ Funds Requested

Y-axis: $400,000 / $350,000 / $300,000 / $250,000 / $200,000 / $150,000 / $100,000 / $50,000 / $-

Categories: PK 12 Innovative STEM Project, CS Devices, Wonder Media

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
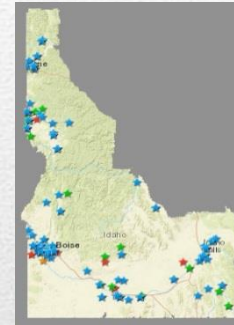- **NSF Grants** – INCLUDES, iTEST and CS for ALL

- 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?

Year Created:	Avg. Monthly Web Visitors:	Newsletter Subscribers:	Facebook "Likes":
2015	1,700 Idaho Visitors (since July website revamp)	4,300 Idaho Subscribers	632 "Likes"
2014	1,600 Utah Visitors	3,300 Utah Subscribers	1,196 "Likes"
2012	N/A - unavailable for Iowa	3,130 Iowa Subscribers	818 "Likes"

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.

ESSA and STEM

ESSA 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

	FY 2016		FY 2017		FY 2018	
	Approp	**Actual**	**Approp**	**Estimate**	**Request**	**Gov Rec**
By Function						
STEM	647,300	558,200	4,520,700	4,520,700	6,585,900	6,589,800
Total	647,300	558,200	4,520,700	4,520,700	6,585,900	6,589,800
By Fund Source						
General	547,300	509,000	2,420,700	2,420,700	4,485,600	4,489,500
Dedicated	0	0	2,000,000	2,000,000	2,000,300	2,000,300
Other	100,000	49,200	100,000	100,000	100,000	100,000
Total	647,300	558,200	4,520,700	4,520,700	6,585,900	6,589,800
By Object						
Personnel Costs	229,800	183,100	329,700	329,700	391,400	395,300
Operating Expenditures	409,500	362,000	4,187,000	4,187,000	4,189,900	4,189,900
Capital Outlay	8,000	13,100	4,000	4,000	4,600	4,600
Trustee/Benefit Payments	0	0	0	0	2,000,000	2,000,000
Lump Sum	0	0	0	0	0	0

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

Legislation

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