



OPAS Initiative
 Motivate Workgroup Meeting #4
 June 7, 2007

**Summary of Campus Pre-College
 Proposals to ETIC**

These proposals will be considered by a review committee of 7 voting members from ETIC and the wider education community on Friday, June 8, 2007. ETIC will vote on the recommendations of that committee in July. Selection Criteria:

- Alignment with ETIC mission and OPAS strategies.
- Breadth and depth of impact on target audiences
 - Number of students or teachers to be served, and
 - Nature, intensity and duration of experience.
- Sustainability, ability to grow or disseminate the program cost-effectively, and long-term impact.
- Organizational track record.
- Proven methodology
 - As previously delivered by this organization, or
 - Documented by other organizations/programs.
- Quality of evaluation plan.
- Overall cost, efficient use of funds, and leveraging of other resources.

OIT	Affirming Access: Engineering and Computer Science Challenge	\$181,127	Yamasaki
OIT	Pre-Engineering Success through Project Lead the Way	\$300,000	Brower
OSU	4-H Tech Wizards Program Replication	\$275,188	Rennekamp
OSU	Career-Linking in Rural Middle Schools	\$116,951	Enochs
OSU	College of Engineering Ambassador Program	\$42,500	McFarlane/Momsen
OSU	Constructing a Pipeline: Native Americans in Engineering	\$73,600	Momsen/Rochefort
OSU	Engineer It! Curriculum Units for 4th-6th Grade	\$45,500	Momsen
OSU	Impact of Roller Coaster Design Programs on Middle School...	\$75,432	Kang
OSU	Inclusion...in a National Database Hosted by TeachEngineering	\$34,820	Rochefort
OSU	Summer Experience in Science and Engineering for Youth (SESEY)	\$40,000	Rochefort
PSU	Creating the Pre-Engineering Pipeline for Diverse Students	\$120,284	Coronado
SOU	Industry-Education Partnership for Sustainable STEM Pathways	\$33,158	Photinos
UO	GK-12 Science Outreach in Remote Oregon Schools	\$229,952	Johnson
	TOTAL:	\$1,568,512	

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Increase the engineering and applied science content of STEM education programs to increase students' interest and knowledge of engineering and applied science opportunities for the purpose of pursuing technology-oriented careers.

- *Increase the presence of STEM-knowledgeable volunteers in the classroom by identifying and overcoming barriers to volunteers' participation*
- *Increase the connections between businesses and educators by targeted recruitment*
- *Increase the resources and synergies among STEM education providers by collaborating with NOISE (Network of Informal STEM Educators).*