



OPAS Motivate Workgroup

Record of Meeting #7

September 12, 2007

Attendees: Joyce Cresswell (Saturday Academy), David Coronado (MESA), Jo Oshiro (OPAS/ OUS), Eileen Boerger (Agilis/ ETIC), Ryan Collay (SMILE/ OSU), Endi Hartigan (OUS)

Agenda - #7 - September 12, 2007

Meeting Objective	Review interim activity; connect to resources
3:30 -	Welcome and intros
	Overview of current status of breakout groups <ul style="list-style-type: none"> • Volunteer Engagement • Business Engagement <ul style="list-style-type: none"> ○ TechnoScienceSupersite status • NOISE - any updates?
	Overview of related activity: <ul style="list-style-type: none"> • Summary Status of OPAS Workgroups (see page 2) • OPAS Steering Committee (see page 7) <ul style="list-style-type: none"> ○ Funding ○ Legislative Concepts <ul style="list-style-type: none"> ▪ Brainstorm: is there a policy-level or funding-level support that Motivate wants to see implemented at the state level? What is it? ▪ Yesterday's steering meeting added the idea of a STEM Center to this list
	Action Items and Next Steps
- 5:00	Next Meeting - October 10?

Summary as Emailed and Posted October 5, 2007

Six workgroup members attended the meeting on September 12, 2007.

There has been a lull in subgroup activity; work is ongoing but not completed.

Jo reviewed recent activity of the OPAS workgroups, Steering Committee, and the status of the ETIC/OPAS Request for Proposals (*released August 17; closing September 18; \$390K over the 07-09 biennium*). We will try to recruit a spectrum of reviewers from industry, OPAS, ETIC, and a range of educational sectors, and prioritize representation from each OPAS workgroup. This time, we are being more careful of conflict of interest rules and legal controls, and working to tune the review process for fairness, consensus, and documentability.

The workgroup heartily endorsed a marketing outreach effort to industry and others on behalf of ETIC and OPAS; understanding their roles is crucial for the legislature.

The possible configuration and mission of a STEM center was discussed while reviewing the brainstorming of possible legislative concepts for the 09-11 biennium. The national model STEM centers are few and young; in general they

- conduct research on the learning process;
- define and model best practices;
- provide professional development;
- build partnerships to support STEM education;
- collaborate amongst informals & formals;
- connect with business.

Regional models allow centers to focus on local programmatic delivery addressing local needs and resources and linking efforts to the local community in ways that meet the statewide mandate. Statewide assessment is crucial: are we reaching the students we need to reach?

Statewide models:

- may not be appropriate for Oregon's educational system, predicated on local control;
- can deliver coordination and increased visibility for the many existing ongoing efforts;
- can provide leadership to support regional/local ongoing efforts:
 - assuring the mission and mandate coming out of the legislature;
 - help create regional centers and networks;
 - provide superstructure models for regional centers;
 - provide channels for interaction with OSTA, etc and ESDs;
- Legislative support requires more than Metro area or I5 Corridor;
- "clearinghouse" efforts tend to work better if highly focused;
- Being truly statewide takes a lot of energy and effort.

The next meeting will be Wednesday, October 10.

Action Items as Emailed and Posted October 5, 2007

- (Jo)
 - RV mfg coalition to Bruce (*and Joyce; done 10/5/07*)
 - Brief on STEM centers.
 - TSS input page – (*Per Susan at the BEC, the work is done; we are awaiting staffing planning at BEC before it will be released; inquiry on status 10/5/07*)
 - Work on hanging AIs

- Re-work verbiage on the Phase Model Conceptual Framework for better alignment with educator terminology, submit to Ryan for review.
- (Eileen) Summary notes of business subgroup from June Meeting to Jo.
- (Eileen/ Mary Beth/ Joyce) Frameworks for presentations/activities for National Engineers' Month (*ongoing*)
- (Jo/Ben/Ray) Finish volunteers' survey instrument with OMSI; distribute to OMSI volunteers if possible.
- (Jo/Ben/Ray/Ryan) NOISE monitoring, possibilities, including Jo to connect with noise@oms.edu about "sign up" process for the listserv. (*done 2nd time? 10/5/07*)
- (Jo/Ryan) work on a coherent statement of possibilities of structuring a matchmaking or clearinghouse service or workshop for Broader Impact and Outreach opportunities on NSF grants.
- Don – update on IDing all tech teachers (how does this relate to all CS teachers?); update on BEC sabbatical discussions
- Mary Beth - update on setting up internships through government agencies
- All – think about legislative concepts; review those brainstormed by the steering committee at this link:
http://opas.ous.edu//Workgroups2007/OPASS_LegConcepts_090707.doc

Additional Points of Discussion & Interest

Collaborations and outreach:

- Target people outside of the Portland area;
- Ryan: The Oregon Space Grant consortium recently held a meeting hosted by Lane Community College's aviation program. OPAS should be aware of their alliances to aviation and aerospace. When we are talking technology, be sure to talk to all companies who can bring people into schools to help motivate students. George Fox is part of Space Grant. (Space Grant is basically a workforce development program for NASA. Historical focus on K12 somewhat diminished.)

STEM Centers:

- Target 4 year institutions statewide?

NOISE:

- We are concerned with how to re-energize and support this effort.