

## OPAS Steering Committee Meeting #19 June 12, 2007 – Capital Center – 3:30 – 5:00

**Attendees:** Bruce Schafer (OUS/ETIC), Jeff Triplett (PCC), Jay Bockelman (OIT), Ben Manny (NOISE), Michal Young (UO), Jo Oshiro (OUS/OPAS), Eileen Boerger (Agilis), Dick Knight (Saturday Academy), Tom Thompson (ODE)

*Italics represent activity or information since the meeting.*

### Agenda:

3:30 – 3:35	Introductions, opening remarks
3:35 - 3:45	Legislative update (Bruce) <ul style="list-style-type: none"> <li>• Budget               <ul style="list-style-type: none"> <li>○ Community Colleges (Jeff)</li> </ul> </li> <li>• Legislation               <ul style="list-style-type: none"> <li>○ <a href="#">HB 2614</a> -- Establishes Education Enterprise Coordinating Commission within Department of Education.</li> <li>○ <a href="#">SB 589</a> -- Directs Department of Education to conduct study on career and technical education.</li> </ul> </li> </ul>
3:45 - 4:15	OPAS External Funding <ul style="list-style-type: none"> <li>• Review <a href="#">summary of workgroup input</a></li> <li>• Should we establish communication with               <ul style="list-style-type: none"> <li>○ one or more foundations</li> <li>○ members of Oregon Congressional delegation</li> </ul> </li> </ul>
4:15 - 4:35	Review of status/plans of Workgroups including charters, recruiting, kick-off plans - <a href="#">Status summary</a> <ul style="list-style-type: none"> <li>• Motivate -- Eileen Boerger and Ben Manny</li> <li>• Prepare -- Sean Gallagher and Dick Knight</li> <li>• Succeed -- Eda Davis-Butts</li> <li>• Pathways --Tom Thompson and Scott Giltz</li> </ul>
4:35 - 4:50	Brainstorm possible legislative concepts for 2009 <ul style="list-style-type: none"> <li>• Pre-service teacher preparation</li> <li>• In-service professional development</li> <li>• Integration of technology in science standards</li> <li>• Endorsement area for computer science or ...</li> <li>• Other</li> </ul>
4:50 - 4:55	Other activity of interest?
4:55 – 5:00	Next Meeting Second Tuesday July 10, 3:30 - 5:00 ok?

## Summary as emailed and posted June 13, 2007

Nine members, including staff, attended the most recent meeting of the Steering Committee on June 12, 2007.

Legislative funding for both OUS and community colleges is now below the level of their asks, but above the Governor's Recommended Budget. The ETIC portion of the OUS budget did receive a significant increase: ETIC's ask for additional funding over the base budget was \$34 M, trimmed to \$17 M by the Governor, and is now at \$15 M.

ETIC's pre-college programs funding solicitation to the campuses went out in May; proposals have been reviewed. Pending requested budget revisions, the Review Committee will make a set of recommendations for allocation at the ETIC meeting on July 20, 2007, subject to approval by the State Board of Higher Education.

Legislative prospects for HB2614 (which includes a clearinghouse for professional development as a service to school districts) and SB 589 (CTE study) were discussed. The CTE study was also the subject of an ODE budget note.

Coordinating with federal funding was discussed. Any recap of Perkins funding and planning was tabled until the end of summer, because a lot of changes and decisions are planned for the summer.

Results of workgroup discussions on suitable projects for funding were reviewed and further discussed. Jo will distribute the results to all workgroup members. We will continue to visit this issue, and map out a sequence for establishing communications with foundations and the Congressional delegations and asking for funding.

Brainstorming possible legislative concepts for 2009 was tabled for the next meeting with an explanation of timing and structure. Bruce and Jo will propose a process at the next meeting. Ideally, concepts will be chosen by early fall, polished, and ready to advance by February/March 2008.

The next meeting is Tuesday, July 10, 2007.

### Action Items as emailed and posted June 13, 2007

- (Jo) Edit workgroup input on funding and distribute to all workgroups' members.
- (Jo) Research ASPIRE as a possible model for fostering inter-institutional connections.
- (Jo) Check with Ryan Collay as a possible sounding board for frameworks being developed by the Motivate Workgroups' Business subgroup.
- (Jo) Connect with Julie Smith at PSU on the NSF grant she is developing for NOISE funding, in case she can leverage existing materials, information, or connections.
- (Jo) Check the summary and status of the Chalkboard Project's "Mentor Teacher" Bill.
- (Jo/Tom) Develop a short summary on teacher preparation and a summary of CTE certification to help educate workgroup members.
- (All) For the next meeting re: Planning for the 2009 Legislature
  - What is an appropriate process for coming up with legislative concepts and/or policy packages that will further the OPAS agenda in the next biennium?

- Start first step of above process.
- (All) For the next meeting re: Fundraising
  - What should be Steering Committee's next step?
  - What roles should workgroups have?
  - What else do we need to know? What experts should we or our workgroups bring in to further educate the group?

## **Additional Items of Discussion, Information, and Resources**

### Legislative Activity:

- ETIC requested Certificates of Participations for PSU and OSU, which are essentially a line of credit allow the engineering colleges refurbish labs and buy equipment. These debts must be repaid out of colleges resources.
- For OUS as a whole, the operational budget is in good shape but the capital budget is substantially below the original ask.
- The ETIC base budget covers the cost of the Campus Pre-College funding solicitation; an additional amount is allotted for an OPAS RFP in the increase over the base.

### Coordination with Federal Funding:

- Ben: Is there any attempt to tie STEM education to federal level activities and programs?
  - Bruce: The Oregon legislature is not particularly aware of what is going on at the national level, but CCWD and ODE are very aware. States are obliged to spend federal funds according to applicable guidelines – e.g., Perkins funding was recently renewed with additional “strings.” There is also federal money for Pathways work at the community colleges level.
- Bruce: several bills resulting from the “Rising Above the Gathering Storm” report issued by the National Academies in 2006 have recently passed or are soon expected to pass the 110<sup>th</sup> Congress. *These bill numbers represent changes from the 109<sup>th</sup> Congress of 2006 and are not a complete list of relevant legislation.*
  - *H.R. 362 “10,000 Teachers, 10 Million Minds” approved by House in April 2007 and now assigned to Senate’s Committee on Health, Education, Labor, and Pensions.” As summarized by NSTA:*
    - *Establish a teacher education program at the National Science Foundation (NSF) to encourage math, science, and engineering faculty to work with education faculty to improve the preparation of mathematics and science teachers and to provide scholarships to students in science, technology, engineering, and mathematics (STEM) fields who commit to becoming mathematics and science teachers at elementary and secondary schools;*
    - *Authorize summer teacher training institutes at NSF and the Department of Energy to improve the content knowledge and pedagogical skills of in-service mathematics and science teachers, including preparing them to teach challenging course in science and math, including the Advanced Placement and International Baccalaureate courses;*
    - *Require that NSF include support for master’s degree programs for in-service mathematics and science teachers within the NSF Math and Science Partnerships;*

- *Authorize funding for the NSF STEM Talent Expansion (STEP) program and expand the program to include centers for improving undergraduate STEM education; and,*
    - *Establish a laboratory science pilot project at NSF.*
  - S. 761 The America COMPETES (Creating Opportunities to Meaningfully Promote Excellence) Act was introduced in late April with 69 co-sponsors. It is currently on hold.
    - *“A bill to invest in innovation and education to improve the competitiveness of the United States in the global economy.”*
    - *Many sections called Titles, including four titles for the Department of Education including one called “Teacher Assistance” with two “subtitles”:*
      - *Teachers for a Competitive Tomorrow. “The purpose of this subtitle is to develop and implement undergraduate programs leading to a baccalaureate degree with concurrent teacher certification that provide integrated courses of study in mathematics, science, engineering, or critical foreign languages, and teacher education, as well as master’s degree programs in mathematics, science, or critical foreign language education for current teachers to enhance their content knowledge and pedagogical skills.”*
      - *Advanced Placement and International Baccalaureate Programs. “The purpose of this subtitle is to raise academic achievement through Advanced Placement (AP) and International Baccalaureate (IB) programs by increasing the number of teachers serving high-need schools who are qualified to teach AP or IB courses in mathematics, science, and critical foreign languages; increasing the availability of such courses in high-need schools, including courses that prepare students to enroll and succeed in AP and IB; and increasing the number of students attending high-need schools who take such courses and take and pass the examinations.”*
    - *The language covering the National Science Foundation includes a section called “Encouraging Participation” which establishes two new programs: “1) a program to provide mentors for women who are interested in careers in science, technology, engineering, and mathematics by pairing such women with mentors who are working in those sectors; and 2) a program to provide grants to community colleges to provide apprenticeships and other appropriate training to allow women to enter higher-paying technical jobs in fields related to science, technology, engineering, or mathematics.”*
    - *As similar bill, H.R. 363, the Sowing the Seeds through Science and Engineering Research Act, has been introduced in the House of Representatives*
  - Also see HR.2272, “21st Century Competitiveness Act of 2007” which passed the House and is waiting action in the Senate.

#### External Funding:

- Jo reviewed the document “Workgroup Feedback on Funding” available at [http://opas.ous.edu/Workgroups2007/OPAS\\_Funding\\_Analysis\\_All\\_061307.pdf](http://opas.ous.edu/Workgroups2007/OPAS_Funding_Analysis_All_061307.pdf); revisions were recommended for later distribution.
  - Add Don Domes’ transitional funding for new classes.
    - Assumptions, issues, scalability and costs may not be well understood.
  - Are there other ways to incubate promising processes?
  - How would OPAS or its partners participate in Perkins and CTE?
  - Jeff: Do we need to have requirements for explicit connections to the next level(s)? Just because the next logical course after high school drafting exists at the local community college, it doesn’t mean even the enthusiastic student will find it. Or the electronics student may love the work, but not know what to do with it as a career. PAVTEC has seen that even with articulated credit, without a built-in connection a lot of students get dropped or lost. Bring in industry, community colleges, and universities to high schools to make that connection more explicit.
    - The ASPIRE program may be a good model for that connection.
  - Bruce: There’s an analogy here to technology marketing: providing the customer with a product vs. providing the customer with a solution.
  - Tom: A lot of what’s under discussion is taking place, but it is often difficult to know exactly what is going on where.
    - Dick: Help us know what we don’t know – very valuable to those of us not living in this world.
    - Tom: OPAS has been a good motivator to get the Pathways work done.
  - Further discussion of external funding awaits:
    - More input from the workgroups, especially Prepare.
    - Brainstorming on what “establishing communication with foundations and the Congressional delegation” means.
      - Jeff: Map out the entire sequence of the developing relationship leading up to the ask.

#### Workgroup Status Summaries:

- Printouts of the Workgroup index webpage with the most recent status summaries was distributed.
  - Motivate: Ben’s specific agenda is tapping into retirees.
  - NOISE: Michal and Ben were at the meeting earlier today. There is some concern about maintaining direction and energy, and finding funding. OMSI is currently looking at some NSF funding, with some help from Julie Smith at PSU. Most concrete directions include a conference and beefing up the TechnoScienceSupersite.
  - Pathways: looking for the next candidate for articulation – basically finding the path of least resistance. Current betting is on computer science and electrical engineering. OCCC (Oregon Council of Computer Chairs) representatives will attend the next meeting.

#### Brainstorming a Legislative Agenda for the Next Biennium:

- Possible approaches:

- A legislative concept is advanced by an agency; in the OPAS-sphere, that is probably ODE, OUS, or CCWD.
- A Legislator can use one of his/her “chits” to “drop a bill”.
- A “policy option package – is funding only, requested by an agency; additional agencies can endorse.
- Possible processes:
  - Invite an expert to attend one of our meeting. (e.g. Lisa Zavala from OUS)
  - Pick what we want by fall, polish in the fall, ready to advance in the winter, rolling by March of 2008.
  - Issue: To what extent is this work done by the steering committee, workgroups, an ad hoc group, members?
  - Issue: How do we decide what are the appropriate actions/programs/policies to put forward?

**Next Meeting:** Tuesday, July 10, 2007.