

Engineering Technology Industry Council

Meeting held May 5, 2006 at ESI

Voting Members Present:

Gerhard Beenen	
Dave Brown	Tektronix
Michelle Girts	CH2M Hill (by phone)
Gary Kaleta	Gunderson/OMI
Nick Konidaris	ESI
Charles May	ON Semiconductor (by phone)
Eric Meslow	Timbercon
Steve Pawlowski	Intel
Mike Rohwer	PHTech (by phone)
Fred Ziari	EZ Wireless

Non-Voting Members Present:

Martha Anne Dow	OIT
Bob Dryden	PSU
Rich Linton	UO
George Pernsteiner	OUS
Bruce Schafer	OUS
Ed Thompson	OHSU/OGI

Other Attendees:

Morgan Anderson	Intel
Rajiv Arya	OIT
Cynthia Brown	PSU
Malgorzata Chrzanowska-Jeske	PSU
Joyce Cresswell	Saturday Academy
Joe Graf	SOU
Dave Johnson	UO
Stephanie Lambert	BEC
Jim Lundy	OSU
John Marsaglia	WOU
Andrzej Proskurowski	UO
Bill Roberts	OHSU/OGI
Michele Vitali	OUS
Michal Young	UO

Nick Konidaris, ETIC Chair, opened the meeting by asking for approval of the minutes of the meeting on March 20, 2006, as well as the April 14 campus presentation and April 21 voting member meetings that were chaired by Fred Ziari. A motion was made, seconded and unanimously approved to accept the minutes.

Overview of OPAS Strategy

Bruce provided an overview of the Oregon Pre-engineering & Applied Sciences Strategy. The Steering Committee meets monthly and consists of a diverse mix of individuals (see following list) and faces many opportunities and challenges. Additional subcommittees are meeting regularly to continue the work started at the summit. The three modes being examined are curricular (both integrated with math/science and electives) and co-curricular (out of school time). In summary, there are many opportunities for enhancement, but it will take funds to accomplish this, as outlined in the policy package request for \$1.1 million.

Morgan Anderson asked what the value-add was. Bruce responded that the oversimplified answer is we need to systemize best practices. We can't solve the whole problem, but opportunities include extracting best practices from co-curricular into curricular, and increasing the availability of pre-engineering and applied science in K12. RFP funds make more 'on-the-ground' money available through the competitive process, enhancing the pipeline of future engineering and applied science college freshmen.

Engineering Technology Industry Council

Meeting held May 5, 2006 at ESI

OPAS Steering Committee

William Becker	Director, Center for Science Education, Portland State University
Jay Bockelman	Program Director, Software Engineering Technology, OIT/Beaverton
Susan Boyanovsky	Instructional Programs Specialist, Comm. Colleges & Workforce Development
Steve Day	Science Specialist, Beaverton School District
Don Domes	Technology Instructor, Hillsboro High School
Van Eden	Academic Programs Manager, Microsoft
Larry Flick	Chair, Dept. of Math & Science Education, Oregon State University
Scott Huff	Dean of Instruction, Portland Community College
Don Kirkwood	Computer Science Instructor, North Salem High School
Dick Knight	Chairman, Board of Advisors, Saturday Academy
Dave Krumbein	Instructor, Blue Mountain Community College
Diana LaBoy-Rush	President, Columbia River Section, Society of Women Engineers
Tom Lieurance	Electronics Instructor, Columbia Gorge Community College
Ben Manny	Director, Wireless Networking Research Lab, Intel Corporation
Ron McGuire	Technology Instructor, Roseburg High School
Dale Merrell	Technology Instructor, CAPITAL Center Technical High School
Gary Naseth	Associate Provost, Oregon Institute of Technology
Ginger Redlinger <i>{Jim Schoelkopf}</i>	Education Program Specialist, Oregon Department of Education
Roger Rennekamp	Professor, Department Head & State 4H Leader, Oregon State University
Skip Rochefort	Professor, OSU Engineering
Diane Saunders	Director of Communications, Oregon University System
Bruce Schafer	Director, Industry Affairs, Oregon University System
John Tortorici	President, Software Association of Oregon
Jim Troisi	Senior Software Manager, IBM
Susan Wolff <i>{Tom Lieurance}</i>	Dean of Instruction, Columbia Gorge CC
Michal Young	Professor, Computer Science Department, University of Oregon

Engineering Technology Industry Council

Meeting held May 5, 2006 at ESI

2007-2009 Recommended Allocation

Fred Ziari reported on the ETIC members recent allocation meetings. On April 14, a special meeting was held at which twelve voting members heard 07-09 proposal presentations from each campus. The campus presentations and proposals are located on the next biennium planning page of the ETIC website at <http://www.oregonetic.org/nb.htm>. Additional information, clarifications and revisions were collected from the campuses after the presentations were reviewed. The voting members reconvened on April 21, and after thorough review and discussion, they determined an allocation for the campus proposals based on the EBL (essential budget level) and two Policy Option Packages, for a total request of \$66.03 million.

- The request for five of the eight campuses were covered in the EBL (with one \$0.25M adjustment downward for WOU). A portion of OSU, PSU, and UO/MSI's requests were allocated to the base budget. It was decided not to fund the UO computer science request. It was decided to allocate \$0.75M to pre-college in the base with the intent that this allocation be used for a competitive RFP that would allow Saturday Academy, OSU Extension and others to compete for these limited dollars.
- Policy Option Package #1 for \$42.65 million covers increases in ETIC funding for OSU, PSU, and UO MSI.
- Policy Option Package #2 for \$1.1 million covers increases for pre-engineering funding, also known as OPAS -- Oregon Pre-engineering & Applied Science. This proposal will include \$100K for staffing and \$1.0M for an RFP process.

Fred noted that all decisions were unanimous and ETIC is going to work hard to get the full \$66.03 million. The following allocation chart was presented. Bruce noted that since the 4/21 allocation meeting his original estimate for the EBL was adjusted from a 10% to 8% increase over the current biennium after conversations with the OUS budget office.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	PROPOSED ALLOCATION OF CAMPUS PROPOSALS RECEIVED FOR ETIC FUNDING DURING 2007-2009 BIENNIUM												
2	2007-2009 Biennium												
3	4/24/2006	2003-2005 Biennium Actual	2005-2007 Biennium Actual	State Dollars Req- uested	Private Support Forecast	Sup- port Ratio	Alloca- tion in EBL	Alloca- tion in POP1	Alloca- tion in POP2	Alloca- tion in POP3	Alloca- tion in POP4	POP Subotal	Total
4		\$M	\$M	State funds requested in \$M	Projection of private support to be received during biennium associated with proposal	Private Support Fore- cast divided by State Dollars Req- uested	\$M	\$M	\$M	\$M	\$M	\$M	\$M
5	Campus						\$ 22.31						
6	EOU	0.25	0.33	\$ 0.45	\$ 0.89	1.98	0.45					-	0.45
7	OHSU/OGI	2.60	2.48	\$ 2.90	\$ 2.00	0.69	2.90					-	2.90
8	OIT	1.08	0.99	\$ 1.40	\$ 1.40	1.00	1.40					-	1.40
9	OSU	9.65	9.19	\$ 50.00	\$ 50.00	1.00	8.00	35.15				35.15	43.15
10	PSU	4.69	4.67	\$ 12.00	\$ 24.00	2.00	5.10	6.90				6.90	12.00
11	SOU	0.54	0.51	\$ 0.53	\$ 0.27	0.51	0.53					-	0.53
12	UO	1.80	1.00	\$ 5.00	\$ 6.15	1.23	2.40	0.60				0.60	3.00
13	WOU	0.25	0.24	\$ 1.00	\$ 0.50	0.50	0.75					-	0.75
14	Pre-engineering	\$ 0.54	\$ 1.26	\$ 1.86	\$ 0.04	0.02	0.75	-	1.10			1.10	1.85
15	Total	\$ 21.40	\$ 20.66	\$ 75.13	\$ 85.25	1.13	\$ 22.28	\$ 42.65	\$ 1.10	\$ -	\$ -	\$ 43.75	\$ 66.03

Next Steps Regarding 07-09 Policy Package

Nick Konidaris reviewed upcoming milestones:

- May 23 – presentation to the OSBHE Academic Excellence & Applied Science work group
- June 21 – presentation to the Oregon Innovation Council
- June 2 or July 13 – presentation to OSBHE
- Informal meetings (before, during and after)

Bruce noted that in past biennia it was a linear path from ETIC to OSBHE to the Governor. However, the current Governor set up the Oregon Innovation Council (OInC) to serve partly as an advisory group regarding all investments in innovation.

Engineering Technology Industry Council

Meeting held May 5, 2006 at ESI

They do not, however, have a specific committee for higher education, so it is unclear if they'll have room for ETIC on their agenda. We need to decide whether to ask for endorsement of our proposal, ask them to include the ETIC proposal in their plan, and/or work together to communicate the two plans.

Ed Thompson added we cut across several industry clusters and we clearly should work with OInC so that our stories can go through together. George Pernsteiner joined the meeting in progress at this time and said he agreed with Ed's summary.

When asked where ETIC should focus its time and efforts, George said our normal avenue (OSBHE and its workgroups) is where we should focus, and that Nick, as a member of the Innovation Council can be our ambassador there. Ideally we'd like to get approval from the Board for our policy package and get the OInC to push it forward as part of their package as well. Nick agreed that we absolutely need to be educating the Innovation Council.

Dave Brown asked if we had full support from all of the universities. Bruce noted that we gathered signatures from all of the academic and industry members a few biennia ago which was both a symbolic and literal representation to show skeptics. The following poll was taken:

EOU	(not present at meeting)
OGI/OHSU	Ed Thompson stated they are in full support.
OIT	Martha Anne Dow stated OIT was in full support.
PSU	Bob Dryden stated that he did not support the base plan but did support the combination of the base and policy package.
OSU	Jim Lundy stated that OSU was in full support.
SOU	Joe Graf stated that SOU was in full support.
UO	Rich Linton was supportive but had some concerns about the lack of funding of the CIS proposal.
WOU	John Marsaglia stated WOU was in full support.

A resolution was unanimously passed accepting the 07-09 recommended allocation as presented above. It was also agreed that a signature page would be created to attach to the policy proposals.

The meeting ended with comments on the proposal from the ETIC members, which included:

- We are moving in the right direction.
- No one should be satisfied with the EBL, we should all be looking at the higher amount and working together.
- We have different economic and political conditions this time around.
- We should have more endorsement across the board and amongst politicians supporting education this time.
- Our focus should be on the entire package.
- We should continue to emphasize our demonstrated track record.
- We should be concerned about increasing the yield of ECS students, and improving the retention rate.
- The proposals speak to the areas in which industry members are interested.

There being no further business, the meeting was adjourned.