

Engineering Technology Industry Council

Meeting held January 26, 2007 at ESI

Voting Members Present:

Eileen Boerger	Agilis Solutions
Dave Brown	Tektronix
Michelle Girts	CH2M Hill (phone)
Gary Kaleta	Gunderson/OMI
Nick Konidaris	ESI
Eric Meslow	Timbercon (phone)
Kathy Miller	H-P
Wally Rhines	Mentor Graphics
Mike Rohwer	PH Tech
Fred Ziari	EZWireless

Non-Voting Members Present:

Ron Adams	OSU
Bob Dryden	PSU
Harvey Mathews	SAO
George Pernsteiner	OUS
Bruce Schafer	OUS

Other Attendees:

Tim Black	UO
Tim Brower	OIT (phone)
Joyce Cresswell	Saturday Academy
Richard Croft	EOU (phone)
Dan Hammerstrom	PSU
Joe Graf	SOU
Jack Isselman	Tonkin Torp & SAO
Malgorate Jeske	PSU
David Johnson	UO
Chris Larson	UO
Jim Lundy	OSU
Jie Liu	WOU
Gary Naseth	OIT (phone)
Andrzej Proskurowski	UO
Jan van Santen	OHSU/OGI
Michele Vitali	OUS
Michal Young	UO

Nick Konidaris, ETIC Chair, opened the meeting by asking for approval of the October 27, 2006 meeting minutes and November 15, 2006 voting member minutes. A motion was made, seconded and unanimously approved to accept the minutes.

ETIC Budget Issues & Answers

Nick Konidaris provided an overview of the Governor's Recommended Budget (GRB) for ETIC, noting it is basically good news, but this is just a recommendation on the part of the governor and there is much work to be done as we enter into the legislative season.

	ETIC recommendation	Governor's Budget
EBL (Essential Budget Level)	\$22.28 million	\$22.28 million?
POP (Policy Option Package)		
General Funds Increase	\$34.44 million	\$17.00 million
COP (Certificates Of Participation)	\$13.41 million	\$11.76 million

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Bruce discussed some of the issues relative to the GRB.

1. EBL adjustment

When we went through our allocation process last year we based our increase on an 8% increase. Separate from our process, the university system received a 5.5% increase. The text included in the Governor's Budget implies that the ETIC EBL is \$22.28 million, and 8% increase.

2. Debt Service for COPs

Bruce received clarification that you cannot use general funds to pay for debt service. Debt service is paid from Other Funds Non Limited (OFNL).

3. Policy Option Package funding

We were asked to establish our priorities back in November. The GRB hits between Level B and C. How do we allocate the delta over Level B?

4. OPAS – how much will it receive?

ETIC and OSHBE recommended 1.1 million. The OPAS POP part of OUS main policy package and was not explicitly funded by the GRB. The Chancellor recommends we use the difference between 5.5% and 8.0% EBL increase -- \$490,000.

Bruce reviewed slides reallocating the delta in #3 above. George Pernsteiner explained that since OPAS did not have a campus sponsor, we need to list it as a line item so we don't risk losing it. This left \$460,000 unallocated.

\$M	Level B	GRB	Level C
PSU	2.3	2.66	4.3
OSU	10.7	12.80	14.5
UO	0.6	0.60	0.6
Debt Service	2.2	above	3.2
OPAS		0.49	
Unallocated		0.46	
Total	15.8	17.00	22.6

Kathy asked if \$0.49 million is going to be enough for OPAS when we asked for \$1.1 million. Bruce replied that while \$1.1 million is not even close to enough to make progress in our high schools, the opposite answer is that OPAS started a seven-part strategy a year ago, narrowed it down to three strategies in November, and over time will make progress towards a more productive path. He also clarified that the OPAS funding is separate from the \$0.75 million allocated towards pre-college programs at the university campuses in the EBL.

The pre-engineering allocation of \$0.75 million in the EBL will be allocated by an RFP process this spring. The OPAS allocation in the POP (increase) will be allocated via a separate RFP process after the Legislature adjourns.

George Pernsteiner stated that the Legislature will allocate less money than what Governor recommended. He thanked the members for the work they have done so far and noted that the hardest part still lays ahead.

Eileen Boerger, who has been personally involved with OPAS, recommended we put the unallocated \$0.46 million in the OPAS budget – increasing it from \$0.49 to \$0.95 million. Nick recommended it be allocated to PSU and OSU to help them reach the goals established during the Spring 2006 planning process. Fred Ziari recommended that we stick with the level recommended by the Chancellor, \$0.49 for OPAS.

Dave Brown asked why we are trying to prioritize funding for money we don't have yet and recommended we put everything back to the level B priority, then look at how we want to allocate the remainder. Bruce said we don't want to show any unallocated rows, because those will be the first to go.

Mike Rohwer noted that if OPAS is a line item to help us get funding, we should leave it in our allocation. Ron Adams agreed it does lend us some political capital. After additional debate, Nick made a motion that we submit the proposal as

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outlined in the matrix below, noting that we fully endorse the “pipeline” investments, and that we plan to give further consideration to increasing the OPAS allocation after the Legislature adjourns. Michelle Girts seconded the motion and it was unanimously passed.

	Allocation \$M	EBL \$M	POP \$M	Total \$M
EOU	0.33	0.45		0.45
OHSU/OGI	2.48	2.90		2.90
OIT	0.99	1.40		1.40
OSU	9.40	8.00	13.09	21.09
PSU	4.88	5.10	2.82	7.92
SOU	0.50	0.53		0.53
UO	1.00	2.40	0.60	3.00
WOU	0.24	0.75		0.75
Subtotal / Average	19.82	21.53	16.51	38.04
Other investments				
Planning	0.08			
Research Fund	0.00			
Pre-college & OPAS	0.76	0.75	0.49	1.24
Total	20.66	22.28	17.00	39.28

2007 Communication Plan

Bruce informed ETIC that we have a unique opportunity this year. Campuses have historically had a day in Salem. This year we’ve reserved March 5th for an ETIC Day at the Galleria in the Capitol. Our idea is to feature our students, because that is where at least half of where our passion lies, and we have partners in our pre-college programs and campuses stepping forward to help plan this day. Behind the scenes we will be setting legislative appointments with key members from the joint ways and means committee. Part of it may be influenced by some match-making based on voting member company and home districts. Our day at the Galleria will demonstrate a sequence of pre-engineering and engineering education towards careers. We want to make it magnetic and feature captivating demos with robots, OSU’s ocean wave buoy, etc. The bottom line is we want the visitors to go away feeling good about ETIC’s accomplishments and value going forward. This is our opportunity to add sizzle. The display area will probably be from 9am to 3pm, and the behind the scenes will be take place in the form of scheduled appointments. Bruce presented the following list of key legislative contacts.

Top Leadership	Role	Party	District	ETIC member in district
Sen Kate Brown	Majority Leader	D	21-Portland	
Rep Dave Hunt	Majority Leader	D	40-Clackamas County	
Ways and Means Committee Leadership				
Sen Kurt Schrader	Co-Chair	D	20-Canby	
Rep Mary Nolan	Co-Chair	D	36-Portland	Girts, Rhines
Sen Margaret Carter	Vice Chair	D	22-Portland	
Ways and Means Education Subcommittee				
Rep Larry Galizio	Chair	D	35-Tigard	
Sen Richard DeVin	Vice Chair	D	19-Tualatin, West Linn	Boerger, Meslow, Troisi
Sen Ryan Deckert	Member	D	14-Beaverton	
Sen Frank Morse	Member	R	8-Albany/Corvallis	Miller/Eastham
Sen Bruce Starr	Member	R	15-Hillsboro	Pawlowski
Sen Vicki Walker	Member	D	7-Eugene	
Rep Phil Barnhart	Member	D	11-Central Lane/Linn County	
Rep David Edwards	Member	D	30-North Plains/Cornelius	Pawlowski
Rep Bob Jenson	Member	R	58-Hermiston, Pendleton	Zari
Rep Susan Morgan	Member	R	2-Myrtle Creek	

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Computer Science Task Force Update

Bruce explained that most of the important work happening with the task force right now is in the area of curriculum enhancements. One of the areas for these enhancements is in science and math classrooms. We have the opportunity to leverage the work of OSU faculty member Maggie Niess who has been doing work under an NSF grant. We also may be able to get help in seeking Microsoft funding from one of the task force members who is employed by Microsoft. The second idea is creating magnets to high school computer science. This is being done by a teacher at Sherwood High School who is teaching the basics of computer science through game programming. Another class in Hillsboro has been offering robot programming. They have been active in disseminating their methods via summer workshops. Dave asked if we'd looked at gender balance in the high school magnet classes. Everyone agrees that the relevance for women is usually centered on solving problems that help people which can leave game programming courses more popular with boys.

Oregon Pre-engineering & Applied Science (OPAS) Update

Since the original summit in October 2005, three of nine strategies were selected by attendees at the November 17th workshop

1. Motivate: Add context to science and math classrooms with engineering examples
2. Prepare: Enhance active learning in science classrooms
3. Succeed: Enhance retention/success of under-represented groups

There is also a co-curricular conference -- Network of Informal STEM Educators – scheduled for February 5th.

There being no further business, the meeting was adjourned.