

Engineering Technology Industry Council

Meeting held April 20, 2007 at Mentor Graphics

Voting Members Present:

Eileen Boerger	Agilis Solutions
Dave Brown	Tektronix
Nick Konidaris	ESI
Eric Meslow	Timbercon
Kathy Miller	H-P
Steve Pawlowski	Intel
Wally Rhines	Mentor Graphics
Fred Ziari	EZWireless

Non-Voting Members Present:

Ron Adams	OSU
Bob Dryden	PSU
Rich Linton	UO
Harvey Mathews	SAO
Ed Thompson	OHSU/OGI
Bruce Schafer	OUS

Other Attendees:

Cindy Brown	PSU
Jennifer Chambers	PSU
Joyce Cresswell	Saturday Academy
Joe Graf	SOU
David Johnson	UO
Dick Knight	
Chris Larson	UO
Jim Lundy	OSU
John Marsaglia	WOU
Michele Vitali	OUS
Michal Young	UO

Nick Konidaris, ETIC Chair, opened the meeting by congratulating Dave Johnson on his recent award of the *Rosaria P. Haugland Chair in Pure and Applied Chemistry*, in recognition of the national stature of his research program and leadership in stimulating the academic industrial interface.

Nick asked for approval of the January 26, 2007 meeting minutes. A motion was made, seconded and unanimously approved to accept the minutes.

Legislative Communications

The March 5th ETIC Day in the Capitol Galleria was a success. We had wonderful participation from our campus affiliates which helped to make it all feel real for our audience. Additionally, ETIC members divided into four teams and met with Senators Brown, Carter, Deckert, Morse, Starr, Walker and Representatives Barnhart, Hunt, Jenson, Morgan and Nolan. Feedback indicated they were most concerned about the pre-college pipeline. We were very well prepared and addressed their questions and concerns.

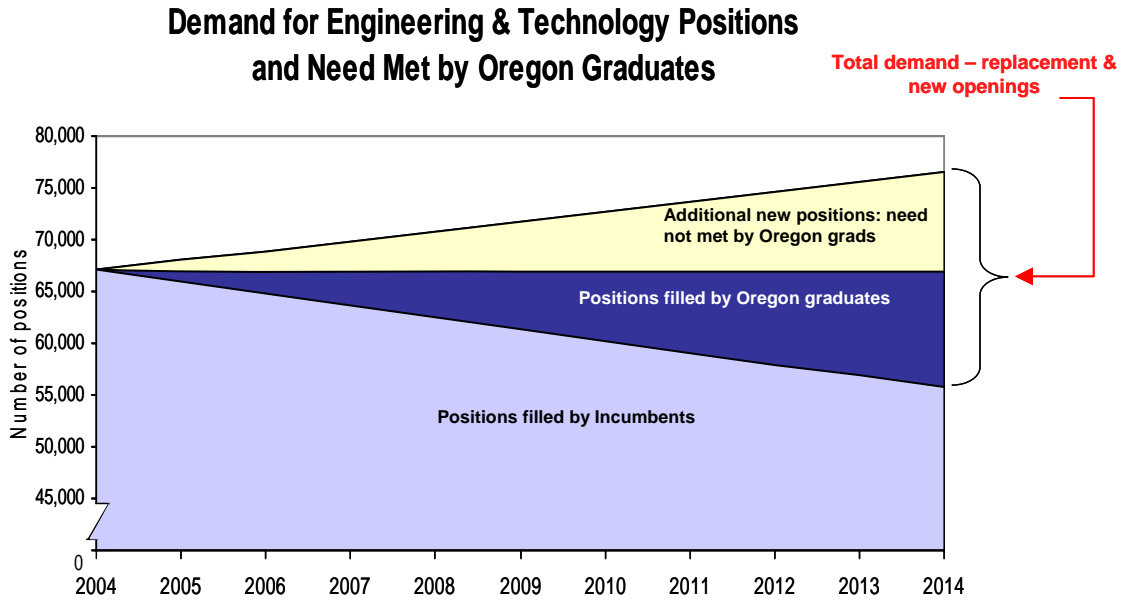
We've also represented ETIC at the following field hearings and meetings:

- 3/29/07 Education Subcommittee at PCC – Dick Knight (PSU Advisory Board)
- 4/04/07 Nick Konidaris met with the Education Committee Co-Chairs
- 4/05/07 W&M Field Hearing in Oregon City
- 4/06/07 W&M Field Hearing in Portland
- 4/10/07 W&M Field Hearing in Corvallis

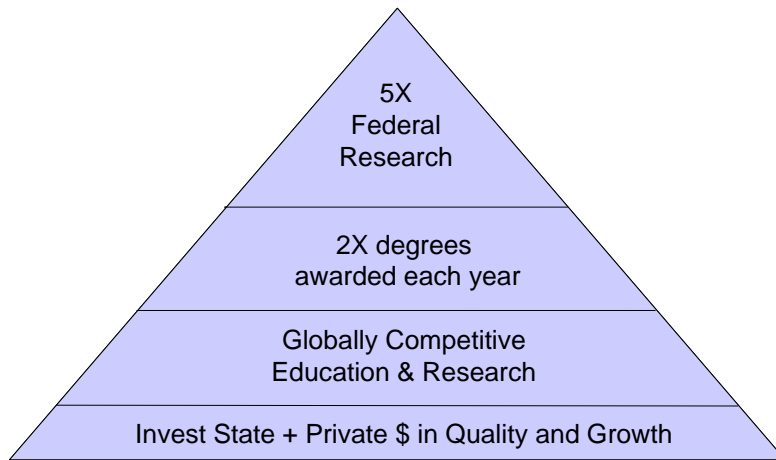
Bruce provided some excerpts from an editorial in the 4/15/07 *Oregonian* which highlighted ETIC.

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Fred reported on the testimony he provided to the W&M Education Subcommittee yesterday. Included were reminders that ETIC represents a cross-section of Oregon’s industries and how ETIC funding provides benefits across Oregon. We emphasized ETIC’s commitment to the pipeline and that process as well as our private and federal research funds leveraging. Included in the presentation were the following charts:



ETIC Strategy



Bruce noted that Steve Pawlowski will also be providing testimony on April 25th and will be accompanied by some students including the winning LEGO robotics team from the recent world festival and engineering students from OSU and PSU. Ways and Means has offered us one more chance for testimony on the 26th so we are looking for volunteers. Bruce mentioned another way to help is with letters or phone calls representing your company, industry association or campuses. Bruce will follow-up by email with the list of legislator addresses and phone numbers.

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Wally added that the National Academy of College Engineering has salary studies of engineering graduates, and that starting salaries have increased for the last several years. If the argument is that engineering job growth is growing overseas to the detriment of growth in US, then why are US engineering salaries rising? There is no question that there is a higher growth overseas, but the fact of the matter is we have a tremendous shortage of computer science and engineering graduates in the U.S. Cindy Brown added that www.cra.org does a nice job of showing this argument.

Pre-Engineering Proposals

Bruce reported that the 07-09 ETIC base budget has \$750K to allocate towards pre-engineering via a competitive process. This compares to the current base budget which had \$720K allocated amongst PSU/Saturday Academy, OSU Extension and OIT precollege programs. These numbers do not include the \$490K which was in the Policy Package increase which will be allocated to OPAS staffing and an RFP.

To be effective at supporting two-year projects and programs, we need to determine an allocation for the \$750K prior to the OUS budget process that will occur after the legislative session adjourns. Bruce proposed that we restrict this process to just the eight ETIC campuses and give priority to the proposals consistent with the OPAS strategy (below) and proven methods.

Summary of OPAS strategy:

- Motivate: Add context to science and math classrooms with engineering examples.
- Prepare: Enhance active learning in science classrooms.
- Succeed: Enhance retention/success of under-represented groups.
- Pathways: Develop pathways so more students successfully transition among education institutions and into the workforce.

Kathy Miller spoke first-hand about the process as she was involved in the last OPAS RFP. Eric Meslow, who was also on that committee, agreed that tightening up the requirements would improve the process.

There was discussion and conclusion about the following issues relating to the RFP:

- It was motioned, seconded and unanimously approved to restrict this request for proposals to the ETIC campuses.
- It was motioned, seconded and unanimously approved to allow the campuses to subcontract all or part of the implementation of their proposal.
- It was motioned, seconded and unanimously approved to allow the campuses to include K-12 partnerships in their proposals.
- It was motioned, seconded and approved to not require the campuses to prioritize the proposals they submit. Two were opposed, stating they would like to at least hear their priorities.

It was agreed that we don't need to specifically encourage leveraging of federal funds. Bruce also clarified that since the proposals will be coming only from ETIC campuses already receiving state funds, the proposal budgets should include only direct costs.

There being no further business, the meeting was adjourned.