

Engineering Technology Industry Council

Meeting held February 8, 2008 at Capital Center

Voting Members

Eileen Boerger	Agilis
Gary Kaleta	Gunderson/OMI
John Lind	IBM
Eric Meslow	Timbercon
Kathy Miller	H-P
Steve Pawlowski	Intel
Mike Rohwer	PHtech
John Willis	CH2M Hill
Craig Zemke	JELD-WEN
Fred Ziari	EZ Wireless

Nonvoting Members

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

Other Attendees

Robert Bass	OIT
Jennifer Chambers	PSU
Tom Chester	OIT
Lita Colligan	OIT
Joyce Cresswell	Saturday Academy
Eda Davis-Lowe	OSU
Lisa Graham	Bend Research
Marian Hammond	OECDD/Oregon Inc
Steve Hanson	OHSU/OGI
Dave Johnson	UO
Colman Joyce	OHSU/OGI
Michael Kirshner	OIT
Dick Knight	OPAS Committee
Jim Lundy	OSU
Ben Manny	OPAS Committee
John Marsaglia	WOU
Greg Pleva	SOU
Fred Pratter	EOU
Peter Wu	SOU
Jan Van Santen	OHSU/OGI
Michele Vitali	OUS

Fred Ziari, ETIC Chair, opened the meeting by asking for approval of the October 26, 2007 meeting minutes. A motion was made, seconded and unanimously approved to accept the minutes. It was also agreed upon by the members that a follow-up voting members meeting would take place on March 14th to determine the recommended allocation.

Draft Proposals by Universities for 2009-2011 Biennium

The meeting was comprised of 15-minute sessions by each campus to answer questions and highlight details from their draft proposals, submitted January 31st. The proposals were distributed to the ETIC members prior to the meeting, and posted on the websites Next Biennium page (links below). The total of requests is \$109.16 million.

Draft University Proposals January 2008	State Request (\$M)
Eastern Oregon University	2.11
Oregon Health & Science University/OGI extension request	3.25
Oregon Institute of Technology Executive Summary	3.80
Oregon State University	56.0
Portland State University	27.0
Southern Oregon University	0.64
University of Oregon	10.8
Western Oregon University	1.00
Subtotal	104.6
OPAS/Precollege	4.56
Total	109.16

Oregon Health & Science University/OGI

Ed Thompson referred to the Extension Request submitted by OGI as a result of a recent Oregon Supreme Court decision that removes the tort cap for OHSU and other public entities in Oregon. To cover the associated costs, OHSU is reducing its budget by \$30 million per year and the School of Science & Engineering will be reorganized as a scaled-down engineering unit inside OHSU's School of Medicine. Given the circumstances, OGI respectfully requested the opportunity to submit their full proposal for up to the \$3.25 million outlined in their previous presentation no later than March 7th, 2008. Fred asked for a motion to approve a delay in their proposal submission. A motion was made, seconded and unanimously approved to accept the delay.

Eastern Oregon University

Associate Professor Fred Pratter answered questions and provided detail on EOU's proposal draft. He noted that without ETIC's support, they could not afford a CS program. Their relationship with OIT is a work in progress. Distance education is a large part of what they do. Steve Pawlowski asked about their rates of "first time in the family" college attendees and noted we will be asking for more data. Other members added that we will need more hard facts regarding how they will be implementing their plan.

Oregon Institute of Technology

Tom Chester, Director of OIT's Oregon Renewable Education Center, answered questions and provided detail on OIT's proposal draft. He highlighted the fact that they will be the first campus completely powered by renewable energy (net zero). They have a 'cradle to grad' approach, and have asked for funds for a recruiter. They are drawing on the strengths of their Health Informatics program and seeking to grow their robotics laboratory, biomedical engineering and applied research. They intend to resonate the idea of renewable energy throughout all their engineering programs and use it to increase their leverage for support. Lita Colligan added that there is a large marketing effort taking place across the state, as they have the opportunity to receive a lot of transfer students from community colleges.

Oregon State University

Dean Ron Adams answered questions and provided detail on OSU's proposal draft. He provided a graphical representation of their ETIC investment since inception at <http://www.oregonetic.org/09-11/OSUslides020808.pdf> and noted that their 107 faculty are producing at a rank of 16th in the U.S. A total of 11 new companies have spun off their research. Their focus going forward will be on more graduate and PhD students. Fred asked them to clarify their one-time expenses of \$19.8 million which Jim Lundy confirmed as start-up costs for research faculty. Gary Kaleta asked if the G-bonds do the same thing as the Certificates of Participation. Bruce answered that G-Bonds are amortized over a longer period and are used for capital construction only. Kathy Miller asked if they think they have the enrollment to support the new faculty. Ron replied that they saw a decline in masters' degrees, but at the BS level they have seen continued growth and excellent growth in PhDs.

Portland State University

Dean Bob Dryden answered questions and provided detail on PSU's proposal draft. Hiring will be based on the six specific interdisciplinary focus areas of: sustainability; instrumentation; bioengineering; technology transfer; women/minority recruitment; and manufacturing materials. As a general question, Mike Rohwer asked whether we know the return on investment on students and noted in a recessionary economy, we could better argue that ETIC funds are an investment rather than a cost.

University of Oregon

Professor Dave Johnson answered questions and provided detail on UO's proposal draft for the Materials Science Institute. They are continuing to ask for one-time support, and will be on a different growth curve the next biennial request. They have a high price for faculty, but would rather spend the funds to hire the very best. Some start-up and renovation costs are also included.

Southern Oregon University

Computer Science Professor Greg Pleva answered questions and provided detail on SOU's proposal draft. Their proposal was well-received. Greg confirmed that they are counting only material science degrees (not physics).

Western Oregon University

Computer Science Professor John Marsaglia answered questions and provided detail on WOU's proposal draft. He discussed their retooling of the labs and Superquest program expansion and noted that 80% of their students are the first in their family to go to college. Above 70% also stay in Oregon. Bruce noted there was concern regarding their growth in degrees, as they recently went through a decline.

Oregon Pre-Engineering and Applied Science

OPAS Committee Chair volunteers Dick Knight and Ben Manny, along with Eda Davis-Lowe, OSU SMILE Program Director, answered questions and provided detail on the OPAS proposal. They are looking at the role of the precollege pool and want to break recent flat-to-down trends in Engineering and Computer Science degree performance. They have a six-year plan to do so with the goal of reaching 50,000 students per year. Kathy Miller said she is a strong supporter of their plan, in that it is highly leveraged and will provide ETIC the avenue to reach their goal of 2X. Dick said he believes ETIC can help make a strong change in the K12 education out there. Eileen agreed, emphasizing that it is based on programs that are already successful, like Project Lead the Way.

John Marsaglia noted that since a portion of their plan includes funding for the Superquest program, he would be inclined to remove that from the WOU proposal and let it remain in the OPAS request.

Fred thanked all the presenters and industry members for their thoughtful input and consideration. The challenge now will be crafting a plan that we can take to the OSBHE. He will be meeting with them in the next few weeks and we will most likely be asking for refinements to the proposals.

There being no further business, the meeting was adjourned.