

Engineering Technology Industry Council
Meeting held November 18, 2003 at CAPITAL Center

In Attendance:

Norm Armour	LSI Logic
Gerhard Beenen	Network Elements
Bella Bose	OSU
Bob Broeg	WOU
Cynthia Brown	PSU
Dave Brown	Tektronix
Shirley Clark	OUS
Joyce Cresswell	Saturday Academy
Bruce DeYoung	OSU Extension
Martha Anne Dow	OIT (by phone)
Bob Dryden	PSU
Charmagne Ehrenhaus	OUS/OCATE
Dick Fairley	OGI/OHSU
Terri Fiez	OSU
Ron Geason	PSU
Michelle Girts	CH2M Hill
Joe Graf	SOU
Ray Guenther	Intel (by phone)
Richard Jarvis	OUS (by phone)
Jim Johnson	
Gary Kaleta	Gunderson (by phone)
Dick Knight	
Gary Lietke	OUS
Lee Lindsey	EOU (by phone)
Harvey Mathews	AOI
Jim Morris	PSU
Earl Potter	SOU
Wally Rhines	Mentor Graphics
Skip Rung	
Bruce Schafer	OUS
Leonard Shapiro	PSU
Ed Thompson	OGI/OHSU
Michele Vitali	OUS
Vicki Wagers	OMSE
Rick Warren	IBM
Dave Woodall	OIT (by phone)
Michal Young	UO

Wally Rhines, ETIC Chair, opened the meeting by asking for approval of the September 24, 2003 meeting minutes. Motion was made, seconded and approved.

Wally reminded the group that the Oregon Business Council's Leadership Summit would be taking place on December 1st at the Oregon Convention Center and encouraged everyone to attend.

OSBHE Presentation

Bruce reported that thanks to all of the good work by the campuses and subsequent meeting of the voting members, the ETIC \$21.4 allocation recommendation was submitted to the Chancellor in time for the November meeting of the Oregon State Board of Higher Education (OSBHE). As it is not considered a controversial item there is no need for Wally to make a presentation and Bruce will be giving the report. Bruce presented a draft of the presentation and solicited comments from the group.

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(A copy of the final presentation is located on the ETIC website at <http://www.oregonetic.org/03-05/OSBHE11-21-03RevE.pdf>.)

The 2x goal was discussed. Wally said it is his understanding that we have not given up on the goal of 2X; just delayed it due to the lower investment level this biennium. There was additional discussion about how to best describe our position on 2X to the OSBHE.

It was agreed that with recent changes announced in the OSBHE membership, we should set the stage for what lies ahead, including referencing 1997's SB504 and the long-term legislative commitment. The Chancellor said he would support this communication.

OCKED Presentation

Wally and Bruce reported that in an attempt to better communicate and differentiate the ETIC and OCKED objectives and strategies, members from both organizations have met and are working on a proposed collaboration. Unfortunately, no one from OCKED could attend today's ETIC meeting to give a presentation, but Bruce distributed a copy of OCKED's 2003-2005 Biennium Plan (<http://www.oregonetic.org/OCKED/OCKED2003-2005overview.pdf>) as well as a draft piece on the proposed collaboration.

ETIC Research Results/Event

Bruce gave a presentation based on recent interviews held with the ETIC Research RFP recipients. A copy of his report can be viewed at <http://www.oregonetic.org/ETICResearchProjects.ppt>. Bruce and Diane Saunders, Director of Communications for OUS, held interviews with the ten researchers located at various campuses that received ETIC grants totaling \$843,000 and generated \$980,000 of industry sponsor support. Bruce noted that the researchers have not reviewed the brief summaries he prepared for this presentation and that they were unable to interview the PSU researcher as he is on sabbatical. A conclusion from these interviews was that visiting the labs had a much stronger impact than listening to a presentation, and he proposed that we modify our original idea of a faculty presentation to that of a "Progressive ETIC event" –

- scheduled weekly tour an ETIC campus
- targeting an audience of legislative leaders associated with each campus
- featuring laboratory tours, meetings with faculty and students, etc.
- covering the impact of all ETIC investments rather than just the research projects that ETIC had sponsored.

The idea was well received by the council with the following suggestions:

- Industry partners should also be present for the tours.
- Community leaders, OSBHE members and industry members should be invited.
- An ETIC member should be at each tour.
- We should coordinate with the university government affairs officers to integrate with other possible plans to meet with legislative leaders.
- Be prepared and have a script.
- We should post events on oregonengineer.com

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All agreed that one of the goals of the events should be to highlight the industry connection and that the events should cover all ETIC investments, with each campus selecting areas of emphasis. Bruce will follow-up with the various campuses about hooking up with their appropriate liaisons.

International Science Fair

Dick Knight gave a brief presentation regarding the upcoming Intel International Science & Engineering Fair to be held at the Convention Center May 9-15, 2004. There will be an estimated 1,600 students involved. He encouraged everyone to visit www.intelisef2004.org for more information.

Update on OHSU/OGI Merger

Ed Thompson gave an update on where the OGI School of Science and Engineering stands about 2 ½ years after merging with OHSU. Ed noted that ETIC's support has been precious to them in ramping up faculty since they do not get other public funding. As they were not as successful in the traditional semiconductor area, they merged their computer engineering and signal processing programs into their Computer Science and Engineering department and their medical optics program into their new Biomedical Engineering department. They also shut down their computational finance program -- after coming to the conclusion that it wasn't helping the region -- and lost about twenty graduates a year.

Biomedical engineering continues to be ramped up. In particular, OHSU/OGI is seeking approval for new Master's and PhD programs in Biomedical Engineering. [Ed: The OUS Academic Council has since approved these new degrees, subject to full OSBHE approval.] They purchased the Bronson Creek Building and will move the computer science department in the spring along with a major portion of the biomedical engineering program. They will also have a dedicated floor in the future Macadam project. They are doing work with several OHSU research and clinical units. He believes they still have a year or two of work left to finish merging IT, cultures, etc. Last year's research expenditures were about \$18 million.

Other Business

Jim Johnson arrived late to the meeting and missed the earlier discussion on OCKED, so he was asked to add his thoughts on the subject. He noted OCKED's mention of 'adequate funding of higher education with distinct centers of excellence' in their written summary that was distributed during the meeting. He thanked Harvey Mathews of AOI for all the work he did during the legislative season. Jim said we should make sure we are consistent with where the Governor wants to go. He said he is optimistic that the Governor will be placing more emphasis on higher education. He suggested we ask Mardi Saathoff, the Governor's legal counsel, to attend ETIC meetings.

On a separate matter, Leonard Shapiro, a professor and researcher from PSU, requested that time to address the council. He stated he was there to report that the quality of computer science teaching and associated computer systems at PSU was very low. A recent visit from Accreditation Board for Engineering and Technology (ABET) threatened a loss of accreditation if significant improvements were not made. He said he felt that ETIC funds had been diverted from computer science. He also noted a drop in computer science course offerings since the ABET visit. He requested that Wally Rhines appoint a committee to investigate this matter. Wally stated that while ETIC has a strong interest in how ETIC funds were spent, it relied on each campus to keep it informed.

There being no further business, the meeting was adjourned.