


Oregon Pre-Engineering &  
Applied Sciences Strategic Planning Summit



OPAS Summit 2005

Bruce Schafer  
September 15, 2005

1

The slide features a title bar at the top with the text 'Oregon Pre-Engineering & Applied Sciences Strategic Planning Summit'. In the top right corner is a circular logo with 'O.P.A.S.' around the top, 'SUMMIT' on a banner across the middle, and '2005' at the bottom. The main content area contains the title 'OPAS Summit 2005' and the speaker's name and date 'Bruce Schafer September 15, 2005'. On the left side, there are four empty square boxes. On the right side, there is a vertical stack of four colored squares: light blue, medium blue, dark blue, and very dark blue. A small '1' is located in the bottom right corner of the slide frame.

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OPAS Sponsors

- Intel Foundation
- The Lemelson Foundation
- Oregon Department of Community Colleges and Workforce Development
- Oregon Department of Education
- Oregon University System

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- Cathy Swider, Oregon University System
- John Tortorici, Software Association of Oregon
- Gayle Yamasaki, Oregon Institute of Technology
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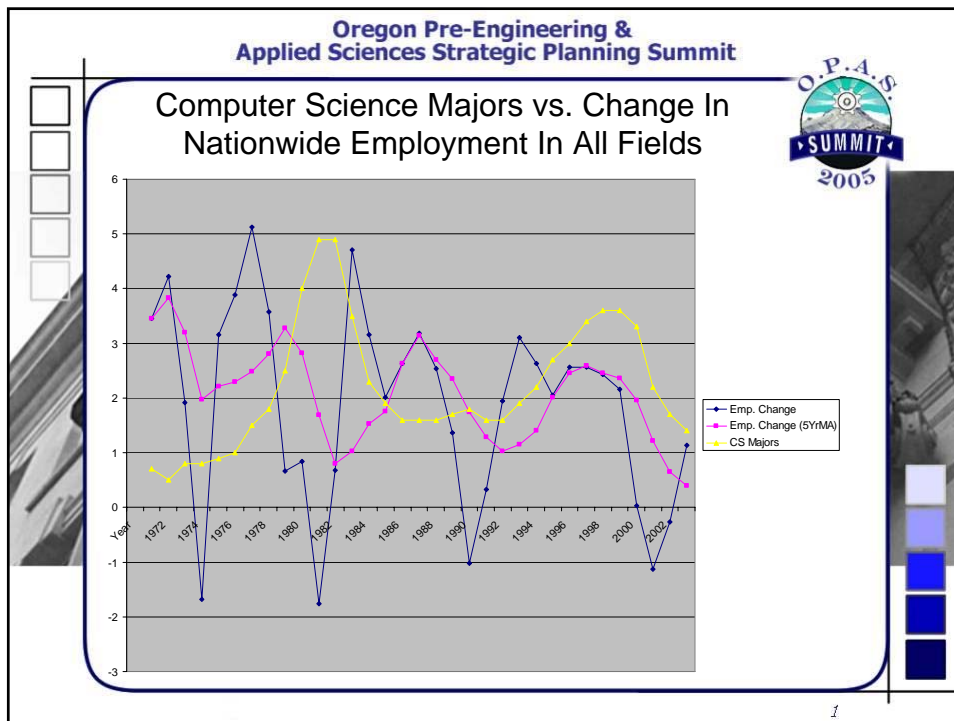
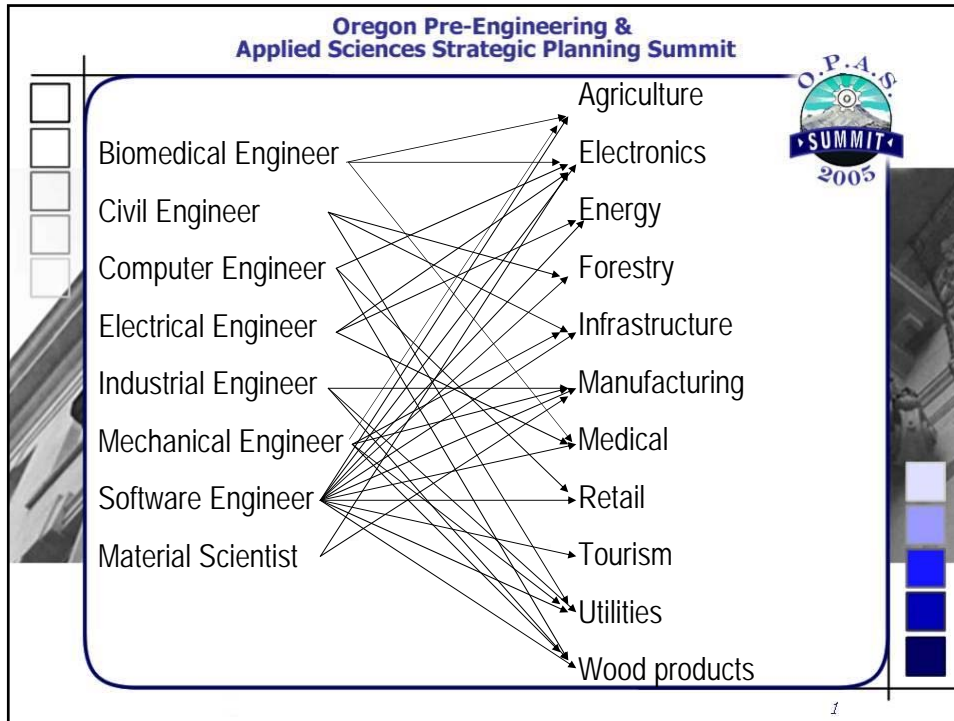
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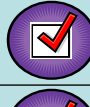
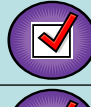
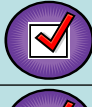












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## Engineering & Applied Science Ideal Condition in Oregon


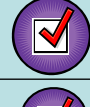
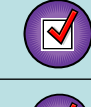
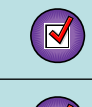

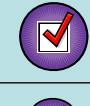
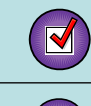
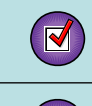

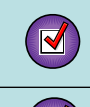
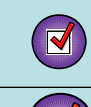
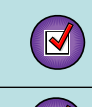

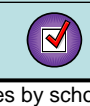


	Motivate	Retain	Prepare	Credential / Transfer
Elementary				
Middle				
High Schools				
Colleges				

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## Engineering & Applied Science Actual\* Condition in Oregon


	Motivate	Retain	Prepare	Credential / Transfer
Elementary				
Middle				
High Schools				
Colleges				

Note: Actual performance varies by school and effectiveness varies by gender, ethnicity, economic status of students.

\* Bruce Schafer's opinion. What do you think?

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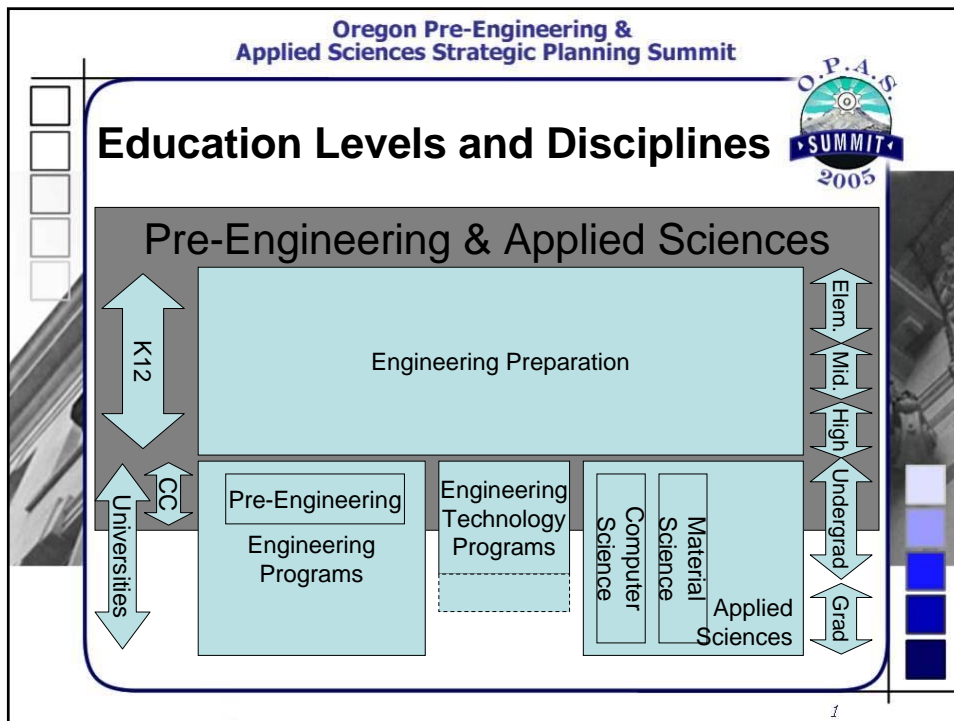


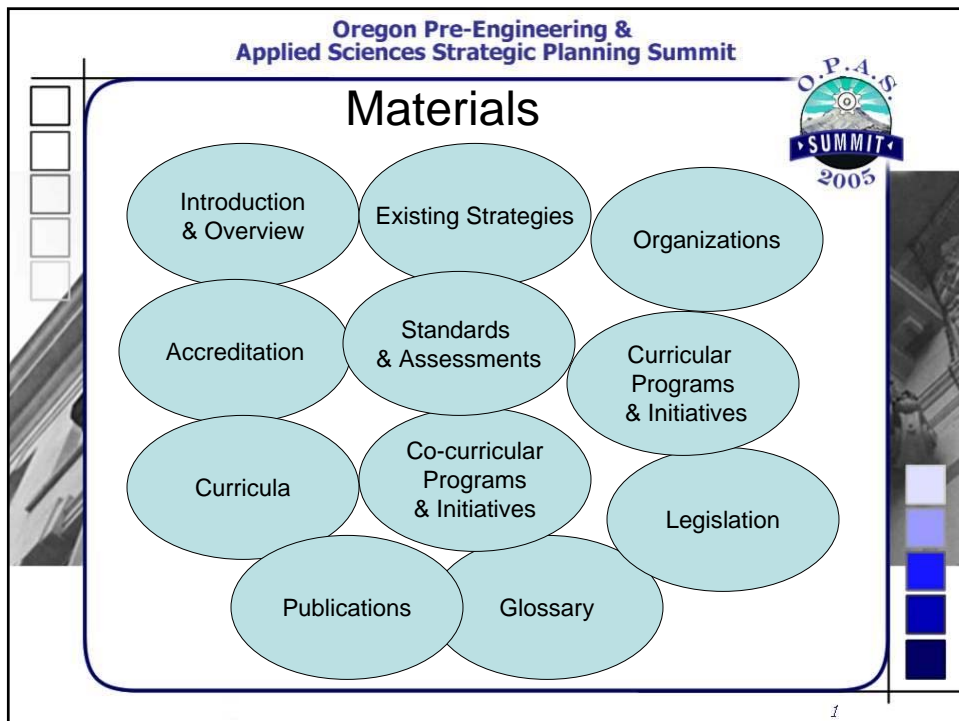
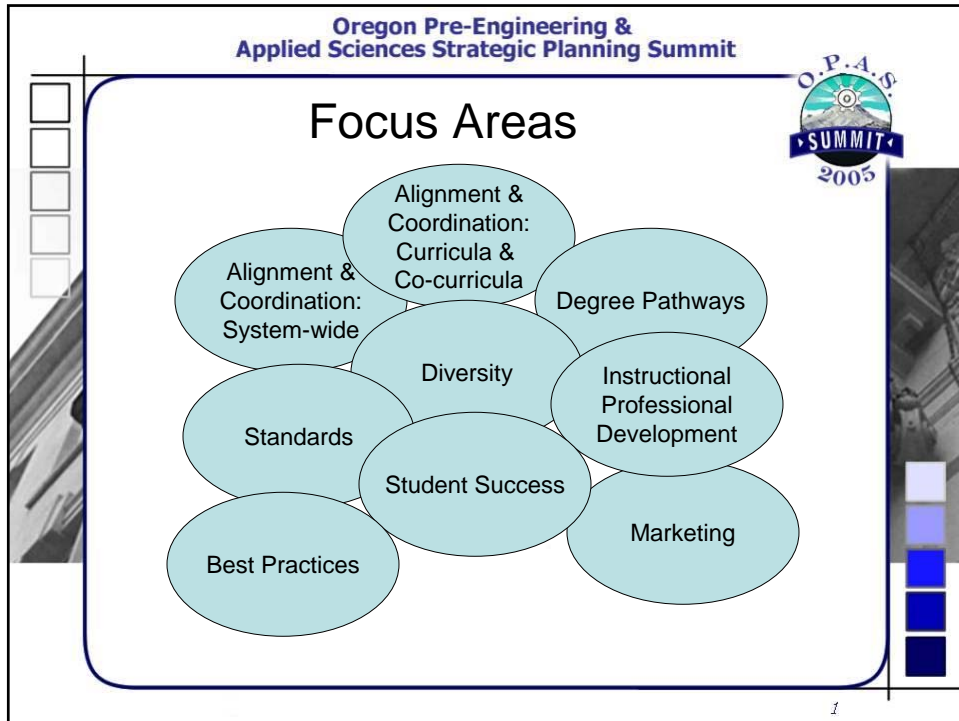
## Engineering & Applied Science Actual Condition in Oregon

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\* What do you think? 1





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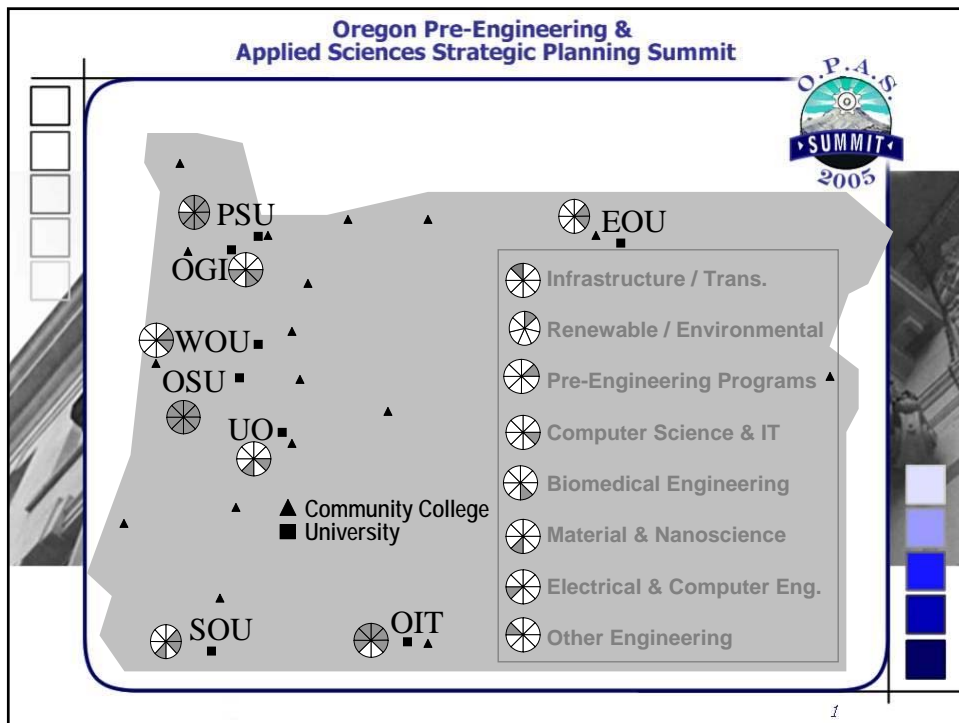
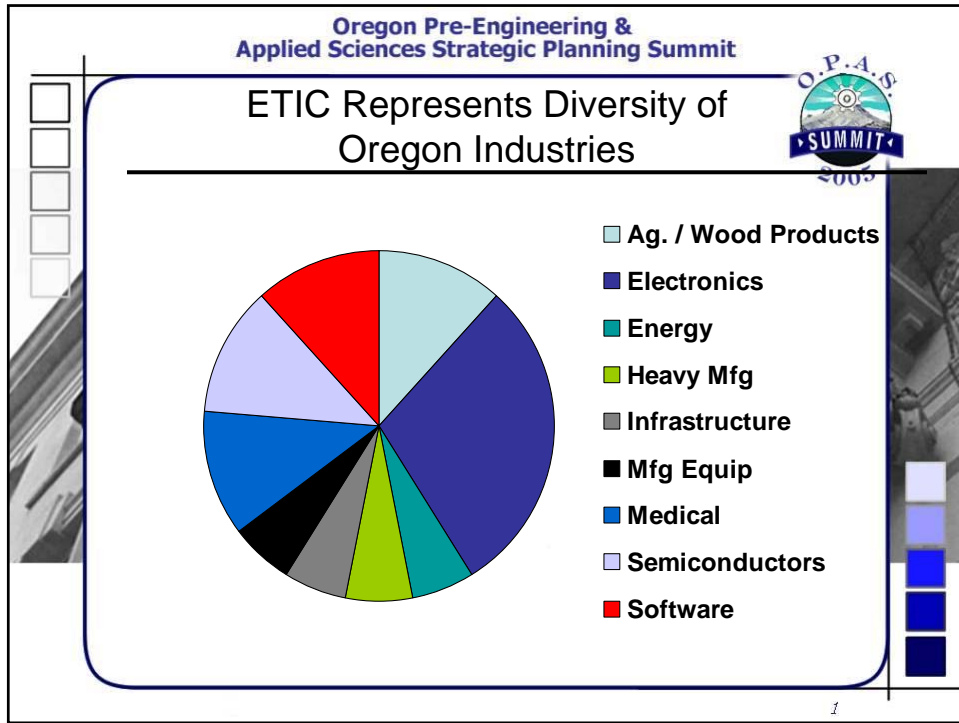
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<b>National/Regional</b>	<b>Oregon</b>
4H	OSU Extension and clubs in Oregon
Amatrol	Canby and West Salem HS
FIRST LEGO League	OUS, ORTOP, Oregon Schools, ...
Girl Scout Programs	Columbia River Council & Others
Jason	OMSI & Oregon Schools
JETS	Benson High School and Others
MATHCOUNTS	Oregon Schools
MESA	PSU and Oregon Schools
National Engineers Week	Oregon Companies and Schools
Project Lead The Way	OIT and Oregon Schools
Saturday Academy	PSU, OHSU, OSU, ...
Others	Currently in Oregon
Others	Could or should be in Oregon

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## ETIC Strategic Goals

- Double annual graduates
- Triple federal research dollars
- Grow nationally ranked programs
- Enhance pipeline via connections with K-12, Community Colleges and University Campuses

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