

Construction Workforce Conference - Education

Monday, May 9, 2005

Welcome	Blencoe Auditorium	9:00 AM – 9:10 AM
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Dr. Don Bressler, President, Renton Technical College

Plenary Session	Blencoe Auditorium	9:10 AM – 9:55 AM
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Jon Magnusson, Structural Engineer, Magnusson Klemencic Associates

Jon will talk about what goes into designing and building various construction projects, including Seattle's Experience Music Project (EMP) Museum. He will share his thoughts about what is needed in today's construction and engineering jobs, and his involvement in preparing young people for this work.

Concurrent Sessions	10:10 AM – 11:40 AM
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Surveying

J-204

Jim Coan and Martin Paquette, Renton Technical College

Participants will get an overview of the surveying profession and Renton Technical College's training program. Participants will have the opportunity to work with Surveying students to use total station and global positioning system (GPS) equipment.

Bricklayers Apprenticeship

Tent between Buildings B and C

Randy Johnson, Bricklayers Apprenticeship

Participants will build a brick wall, using the types of materials and techniques taught in the Bricklayers apprenticeship program.

Operating Engineers Apprenticeship

Trailer near Building L

Tami St. Paul, Operating Engineers Apprenticeship

Participants will learn about heavy construction jobs while operating a crane simulator.

Best Practices from In-School Programs

Blencoe Auditorium

Lindsay Khannoussa, CREATE Academy at Franklin High School; Mike Lawson, CREATE Academy at Franklin High School; Nan Johnson, ACE Program, Seattle School District; Gregg Meyers, Mt. Si High School; Cal Pygott, Bothell High School; Shelly Calligan, Puyallup School District; and Connie Saari, ACE Academy at Rogers High School

Representatives from the Seattle, North Bend, Bothell and Puyallup school districts will describe their programs to acquaint high school students with architecture, construction, and engineering. They will also offer advice and lessons learned for districts that may want to adopt similar programs.

Apprenticeship 101

C-110

Lisa Grothen and Amy O'Donnell, Renton Technical College

Learn about construction apprenticeship programs with a dynamic video on the trades involved in building a sports stadium, and a tour of apprenticeship programs on the RTC campus.

Career Pathways in Construction

C-111

Vance Titus, Snohomish County Workforce Development Council and Halene Sigmund, Construction Industry Training Council CITC

Not all construction-related jobs require brute strength or a willingness to work in the rain. Not all people who start out swinging a hammer end their career that way thirty years later. Learn about other jobs in the construction industry in addition to the trades, and the education required for them.

Lunch with Speaker**H-102-103****11:55 AM – 12:55 PM****Dr. John Schaufelberger, University of Washington**

The construction industry is a huge economic driver in our state, with a wide variety of jobs available in the labor market, particularly in construction management. Learn how a person prepares for a career in construction management, the kinds of educational programs available, and the standards that these programs need to meet to serve the industry.

Concurrent Sessions**1:10 PM – 2:40 PM****“I Have a Hammer”****L-103****Marc Logue, AGC of Washington Education Foundation**

Participants will build a house from prefabricated panels. They will also learn about different construction trades and the teamwork necessary for a successful construction project.

Operating Engineers Apprenticeship**Trailer near Building L****Tami St. Paul, Operating Engineers Apprenticeship**

Participants will learn about heavy construction jobs while operating a crane simulator.

School to Apprenticeship Programs**C-111****Trudy Johnson, Pierce County Workforce Development Council and Carl Hanson, Carpenters’ Union Local 470**

While still in high school, students can begin preparing for an apprenticeship program. Representatives from Get Electrified and Frame Your Future will discuss these programs.

The New Face of Construction**C-110****Jimmy Matta, Pacific Northwest District Council of Carpenters, Nellie Chavez and Jose Chaves, Center Point Language Services, and Dan Seydel, Contractor Development and Competitiveness Center**

As our state becomes more diverse, so too does the construction workforce. Learn what two organizations are doing to encourage women and people of color, including non-native English speakers, in construction. The Pacific Northwest District Council of Carpenters is placing increasing emphasis on outreach to Latino workers, while the CDCC helps minority, women, disadvantaged, and emerging small construction firms develop and improve their business operations skills and provides access to contracts with owners; developers; and prime contractors.

The Driving Force**Blencoe Auditorium****Ron O’Gwin, Department of Licensing; Stephanie Kellner, Office of Port JOBS; and Lynn Domingo, Pacific Northwest Labor and Employment Law Office (LELO)**

It is important to have reliable transportation in construction, since a bus line may not go to a building that has not been built yet. Transportation does not have to be a barrier, though. Learn about the state’s occupational driver’s license and programs like Working Wheels and LELO’s Re-licensing Project.

Discussion/Wrap-up**Blencoe Auditorium****2:55 PM – 3:30 PM**

How can we best help you identify and prepare students/clients for the construction industry? What knowledge, tools, or resources do you feel you still need? As RTC continues its work as the Construction Center of Excellence, what can we do to support you?

Construction Workforce Conference - Industry
Tuesday, May 10, 2005

Welcome	Blencoe Auditorium 9:00 AM – 9:10 AM
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Martin Heilstedt, Vice President of Instruction, Renton Technical College

Plenary Session	Blencoe Auditorium 9:10 AM – 9:55 AM
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Dr. Paul Sommers, Seattle University
Dr. Sommers will talk about workforce trends in construction in Washington State, particularly the impending labor shortage for skilled workers.

Concurrent Sessions	10:10 AM – 11:40 AM
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Attracting the Next Generation of Workers H-102
Carl Hanson, Carpenters Union Local 470 and Marc Logue, AGC of Washington Education Foundation
Learn from organizations that are getting the word out to young people about construction careers. These include in-school programs as well as industry-sponsored programs.

The New Face of Construction C-110
Jimmy Matta, Pacific Northwest District Council of Carpenters and Tony Benjamin, Contractor Development and Competitiveness Center
As our state becomes more diverse, so too does the construction workforce. Learn what two organizations are doing to encourage women and people of color, including non-native English speakers, in construction. The Pacific Northwest District Council of Carpenters is placing increasing emphasis on outreach to Latino workers, while the CDCC helps minority, women, disadvantaged, and emerging small construction firms develop and improve their business operations skills and provides access to contracts with owners; developers; and prime contractors.

Green Building Trends C-111
Steve George, Resource Efficient Building and Remodeling (REBAR) Council and Ernie Tinker, Puget Sound Electricians-NECA Joint Apprenticeship Program
In both eastern and western Washington, there is growing emphasis on green buildings. In this session, participants will learn about projects around the state that are environmentally friendly.

Live Resumes Blencoe Auditorium
Meet college students who are near the end of their training programs in such fields as Construction/ Apprenticeship Preparation, Welding, and Civil Engineering Technology. They will describe their skills and the kind of position they would like to get upon graduation.

Lunch with Speaker	H-102-103	11:55 AM – 12:55 PM
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Ellen O'Brien Saunders, Workforce Training and Education Coordinating Board
We're listening! Ellen will report on the results of a recent survey of employers, particularly construction employers, on their workforce needs and challenges. She will also suggest avenues for assistance in getting these needs met.

Concurrent Sessions**1:10 PM – 2:40 PM****Business Opportunities for the Winter Olympic Games C-111****Vance Titus, Snohomish County Workforce Development Council**

There are extraordinary new construction business opportunities in preparation for the 2010 Winter Olympics in Vancouver, British Columbia. Organizers estimate \$600 million (Canadian) of Olympic venue facilities construction and \$10 billion (Canadian) in infrastructure projects to be built over the next five years. Learn how your company can partner and participate in these project opportunities.

The Driving Force**C-110****Ron O’Gwin, Department of Licensing; Stephanie Kellner, Office of Port JOBS; and Lynn Domingo, Pacific Northwest Labor and Employment Law Office (LELO)**

We know reliable transportation is important in construction, but how can you help employees who are struggling with this issue? Learn about the state’s occupational driver’s license and programs like Working Wheels and LELO’s Re-licensing Project.

Building and Retaining a High Quality Workforce**H-103****Dennis Hanberg, Apex Engineering and Absher Construction?**

How do some companies build and keep an experienced workforce? In this session, employers will share some of their strategies for successful workforce development and retention.

Live Resumes**Blencoe Auditorium**

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Discussion/Wrap-up**Blencoe Auditorium 2:55 PM – 3:30 PM**

How can we best help you recruit and retain workers in the construction industry? What knowledge, tools, or resources do you feel you still need? As RTC continues its work as the Construction Center of Excellence, what can we do to support you?