



# Construction Specifications Institute Northwest by West Bi-Region Conference

April 15<sup>th</sup> - 18<sup>th</sup>, 2020 @ Sunriver Resort, Oregon



## Course Description Overview Two Day Educational Program with 22 Speakers and Over 10 AIA Learning Units Available

### Keynote Address: Economics and the Construction Industry: Regional Forecast and Trends



**Mike Salsgiver**  
AGC



**Josh Lehner**  
Oregon Office of  
Economic Analysis

Mike Salsgiver is the Executive Director of the Associated General Contractors Oregon Columbia Chapter and Josh Lehner is an economist with the Oregon Office of Economic Analysis. This presentation begins with an analysis of the national and regional economic environment and discusses where we are headed in the year to come. The presentation will highlight economic trends across sectors, workforce issues, and regulatory and political influences.

### OSU Cascades Campus - A Pumice Mine and a Plan: Achieving Sustainability Goals Through Integrated Design



**Lisa Petterson**  
SRG Partnership



**Jarrod Penttila**  
Oregon State University

Lisa Petterson is a Principal at SRG Partnership where she serves a dual role as project manager for projects with deep green goals and as a daylighting / sustainable design specialist. Lisa has nearly 30 years of experience managing complex projects that support and enhance our region.

Jarrod Penttila, Project Manager at Oregon State University, is directly overseeing construction of the OSU Cascades Campus Building Academic Building 2 and other onsite development.

William Silva, Director of Preconstruction at Swinerton Builders, has over 30 years of experience throughout the West Coast market, including project development, heavy civil, concrete, and mass timber projects.

Eric Ridenour is a Campus Planner at SRG Partnership, with over 25 years of experience in planning and architecture. Eric was involved in developing the long-range development plan for OSU Cascades Campus.

The unique high desert campus of Oregon State University - Cascades recently began the design process for the transformational new Academic Building 2, the first building to engage a dramatic reclaimed pumice mine acquired for future campus expansion. The new 50,000-square-foot building will provide learning spaces for Science, Technology, Engineering, Arts, and Math and will create a new student hub with active event and social spaces. The design will elevate OSU-Cascades' identity in Bend while exemplifying its commitment to sustainability. The design features a modular concept for the building, a mass timber structure, and a Net Zero Energy design, all in adherence with the University's budget.



**William Silva**  
Swinerton Builders



**Eric Ridenour**  
SRG Partnership



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## Economic History and Growth in Central Oregon



**Carolyn Eagan**  
City of Bend



**Damon Runberg**  
Oregon Employment  
Department

Carolyn Eagan is the City of Bend Economic Development Director and was previously the Regional Economist for the Oregon Employment Department during the Great Recession. Damon Runberg is a state economist with the Oregon Employment Department covering Central Oregon and the Klamath Basin. This presentation will address the rise of the economy in Central Oregon, the crash in 2008, and the subsequent rebound at present day. Learn how industry and construction in Bend has adapted and evolved with economic changes over the past decade and learn what's in store for the future of central Oregon.

## Evolution in Construction – A Local Perspective



**Randy Nishimura**  
Robertson/Sherwood  
Architects



**Tom Deines**  
TNT Consulting

Randy Nishimura, AIA is a principal with Roberson/Sherwood Architects in Eugene. He is a past president for the Willamette Valley Chapter and currently chairs the Chapter's Certification Committee. Tom Deines is a construction consultant with over 40 years of experience in various sectors of construction, including heavy civil/infrastructure, highway/bridge, design build, and commercial. Tom served for 4 years on CSI's National Technical Committee, co-authored the Construction Chapter of CSI's Manual of Practice, and is a past NW Region Director. Bob Kenworthy is the Assistant Director of Capital Projects for Auburn School District (Washington) and is responsible for preparing the District's annual Capital Facilities Plan, specification review, and project management for school construction projects. Bob is a CSI Fellow and has been active in CSI for over 30 years.



**Bob Kenworthy**  
Auburn School District

This seminar will provide a history of evolution in the construction industry from the viewpoint of an Architect (Randy Nishimura), a Contractor (Tom Deines), and an Owner (Bob Kenworthy). The seminar will discuss critical changes in the industry that have influenced design, construction, and project delivery.

## 2019 Oregon Structural Specialty Code Updates



**Samir Mokashi**  
Code Unlimited

Samir Mokashi, Principal at Code Unlimited, will be teaching a 2-hour code seminar, "2019 OSSC Updates". Samir has over 25 years of experience in leading teams through the complex challenge of cutting-edge design and rigorous regulatory requirements. A dynamic public speaker, he draws upon his vast and varied experience to communicate confusing code concepts with amazing clarity. The course will focus on understanding the changes between previous Oregon codes and the current 2019 codes and understanding how to interpret and apply key code provisions that apply to most buildings.



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## Tall Wood: New Code Provisions for Tall Timber Structures and Understanding Advanced Design Topics



Ethan Martin of Woodworks will be teaching a two-part 2-hour seminar on Tall Wood mass timber structures. Ethan Martin is a licensed structural engineer at Woodworks. He co-founded the International Mass Timber Conference with Forest Business Network and helped start the tall mass timber buildings in the United States. This two-part class will focus on tall mass timber buildings and the International Code Council (ICC) ad-hoc committee on tall wood buildings, code changes implemented by the ICC in 2019, and proposed 2021 International Building Code changes. Specific subjects will include differences between tall wood construction types and existing construction types, passive and active fire-resistance construction requirements, fire stops, and fire resistance in exterior walls.

**Ethan Martin**  
Woodworks

## Resilience Planning - Lessons Learned from Earthquakes Around the World



Allison Pyrch is a Geotechnical Engineer with Hart Crowser and a co-founder of Salus Resilience, an Oregon-based resilience planning firm, and leads the ASCE Disaster Reconnaissance and Recovery Committee. Allison has been a long-term local advocate for better resilience planning the Pacific Northwest, including preparation for the Cascadia subduction zone earthquake and tsunami. You may have seen Allison on the award-winning OPB documentary "Unprepared". This presentation will cover resilience planning with a focus on the built environment. Allison will discuss lessons learned from the 2010 Chile, 2011 Japan, and 2017 Mexico earthquakes.

**Allison Pyrch**  
Hart Crowser

## Accessibility –Changes to the 2017 ICC A117.1 and Common Errors in Construction



Joshua Klyber, an accessibility expert at Code Unlimited, will be teaching two classes focused on accessibility. The first class will address common accessibility errors in construction. This class will focus on construction tolerances, industry standards, construction errors, and tools and solutions for resolving construction issues. The second class will address significant changes to the 2017 ICC A117.1 Accessibility Standards. This class will discuss the technical changes in the standards and will provide insight into mitigating future risk for existing facilities and new projects.

**Joshua Klyber**  
Code Unlimited

## Design-Build Project Delivery



Jon McGrew is an Associate Principal with Hennebry Eddy Architects, Oregon Chapter President of the Design-Build Institute of America, and a key industry leader for design-build projects. Jon will be teaching a seminar on design-build project delivery. The seminar will cover the basics of design build and will focus on recent changes and emerging trends in the design-build delivery method, including public contracting rules/regulations for design-build delivery on public projects, and changes in project sectors using design-build delivery.

**Jon McGrew**  
Hennebry Eddy



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## New Tools to Help Drive Decisions in Your Air Barrier Specifications



Laverne Dalgleish is the Executive Director of the Air Barrier Association of America and works to champion energy conservation in buildings and educate owners and designers about the benefits of energy conservation. This presentation will review some of the new tools available in regard to specifying different levels of building airtightness above code mandated minimums. These tools help assess the energy reduction from base levels of building airtightness and the corresponding financial savings, along with quantification of the impact's airtightness has on moisture movement transported by air leakage. The presentation covers research conducted on adhesion values for various air barrier materials to aid the specification writer. Learn about the ABAA Quality Assurance Program, what the program entails, and learn about the top field-related issues that are found during the ABAA site audit process.

**Laverne Dalgleish**  
Air Barrier Association  
of North America

## Radical Simplicity: Exploring a Path to Cost-Efficient, Energy Efficient Affordable Housing



**Mike Steffen**  
Walsh Construction Co.

Mike Steffen is the Director of Innovation at Walsh Construction Co. Mike has over 30-years of experience in the construction industry as a designer and builder. Mike will discuss the challenge that continuously escalating construction costs present to those who develop and operate affordable housing, and will review how housing developers and their architect/contractor teams can effectively address that challenge by working with more discipline to drive greater efficiencies into the design and construction process. Rather than envisioning the use of so-called disruptive new technologies such as modular construction and mass timber framing, Mike will outline an approach to achieving more cost efficient projects through the use of more inherently efficient building design, advanced wood framing, and a greater degree of standardization and repetition of the basic building components and systems used in affordable housing construction. Several project case studies will illustrate the application of these ideas, and the results in terms of cost reduction. Effective application of cost-efficient design can lead to much higher levels of energy efficiency through improved design of building form and layout, and by allowing space in the project budget for the incorporation of higher quality, high performance components and systems.

## Sound, You, and the Modern Built Environment



**Tim Deal**  
Quiet Rock

Tim Deal of Pabco Gypsum has over 25 years of experience in the construction industry and specializes in acoustical issues and solutions for interior partitions and floor/ceiling assemblies.

This course will review the sound-related phenomena as it relates to humans and the building industry. It is an introduction to how sound works and why addressing acoustics in building is important. It will also review alternative methodologies to address sound transmission class in buildings.



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## The New AWI Architectural Casework Standard and its Simplified Specification



**Margaret Fisher**  
Architectural Woodwork  
Institute

Margaret Fisher, Communications Outreach & Relations Strategist for the Architectural Woodwork Institute, has been involved in the custom woodwork industry for over 35 years. Margaret is an Honorary Lifetime Member AWI and has served as President and Vice President of the Wisconsin Chapter of AWI and has served on the AWI National Board of Directors twice.

This class introduces the new AWI Architectural Casework Standard and provides instruction on how to specify the standard. Maximize the value of custom casework by gaining the ability to individually specify the aesthetic grade and the performance duty level of each casework situation while improving the cost savings of specific material and joinery methods that result in custom casework that perfectly suits the owners needs in each part of each project. The new AWI 0641 Casework Standard and Performance Duty Levels established by scientific testing revolutionizes casework specifying in a simple way never before possible.

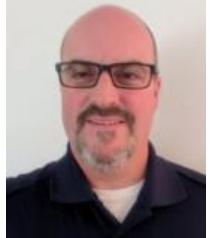
## Cost Estimating and Escalation



**Steve Gunn**  
Construction Focus

Steve Gunn is a Principal at Construction Focus and has been an independent cost estimator for over 25 years. Steve will be presenting a seminar on cost estimating and escalation, covering current trends and changes in the construction industry, escalation, and common oversights in estimating. This seminar will cover differences between estimating for Design-Bid-Build and CMGC projects.

## Adhered Masonry Veneer Systems



**Bret Bastain**  
Parex

Bret Bastain is an architectural sales representative for Parex, a leading national manufacturer of Stucco, EIFS, coatings, air and water barriers, and tile and stone installation materials. Bret has over 25 years of experience in the construction industry. This course reviews the various installation methods and types of Thin Veneer Wall Systems, and the benefits and limitations of each. Participants will understand how changes in the Energy Codes requiring Continuous Insulation can pose challenges in installation methods and review the available options in installation methods to meet these requirements.

## More Information and Registration

Click here for [Event Website and Registration](#)

Click here for [Sponsorship Registration](#)

Submit Inquiries to: [cisiwnwbiregionconference@gmail.com](mailto:cisiwnwbiregionconference@gmail.com)