Thursday, July 20

12:00 p   Registration Open

1:30 – 1:45

**Welcome**

Tyler Sprague, Assistant Professor; Department of Architecture, Adjunct Assistant Professor, Department of Civil and Environmental Engineering, University of Washington

A. Peter Hilger, Faculty Director; Construction Management, University of Minnesota

1:45 – 2:45

**Keynote** – “Architectural / Technological History of Seattle and Environs”

Jeffrey Karl Ochsner FAIA; Professor, Department of Architecture, University of Washington

A. Peter Hilger, Faculty Director; Construction Management, University of Minnesota

2:45 – 3:45

**Keynote** – “Making Dreams into Reality: The Epochal Stories that Define the Boeing Company”

Michael J. Lombardi, Senior Corporate Historian, The Boeing Company

3:45 – 4:00

Coffee Break

4:00 – 5:00

**Track One: Aluminum & Bridges**

“Shanty Shelters: The Rapidly Disappearing Single Wall Construction Method,”

Michael J. O’Brien, Vice President for Academic Affairs and Provost; Texas A&M University

“The History of Architectural Terra Cotta in Denver”

Jenn Cappeto, Supervisor; Denver Landmark Preservation

“Construction Tools as Evidence of Building Practices in New Spain’s Easternmost Colonial Frontier”

Shelley Roff, Associate Professor; University of Texas at San Antonio

5:00 – 5:30

Poster Session and Coffee Break

5:30 – 7:30

**We Built Seattle sponsored by AGC of Washington**

Moderator: Len Holm, Senior Lecturer; Construction Management, University of Washington

Dean John Schauffelberger, PhD, PE, College of Built Environments, University of Washington

Terry Deeny, Chairman Emeritus; Deeny Construction Company, Inc.

John Holmes, Executive Vice President; Manson Construction Co.

Jim Crutcher, Chairman Emeritus; Lease Crutcher Lewis

Rick Redman, Chairman Emeritus; Sellen Construction

William Bain, Jr. FAIA, RIBA, JIA; Consulting Partner, NBBJ

Friday, July 21

8:00 – 9:00

**Keynote** – “The Space Needle: Constructing a Brand for the 21st Century”

Knute Berger, Crosscut

9:00 – 10:00

**Keynote** - “Innovation Through Practice: The Messy Work of Making Technology Useful for Architecture, Engineering and Construction Firms and Teams”

Carrie Sturts Dossick, PhD, Professor; Construction Management; Executive Director, Center for Education and Research in Construction (CERC), University of Washington

10:00 – 11:15

**Coffee Break sponsored by the Space Needle Corporation**

11:15 – 12:45

**Track Three: Materials & Assemblies**

“Shanty Shelters: The Rapidly Disappearing Single Wall Construction Method,”

Michael J. O’Brien, Vice President for Academic Affairs and Provost; Texas A&M University

“The History of Architectural Terra Cotta in Denver”

Jenn Cappeto, Supervisor; Denver Landmark Preservation

“Construction Tools as Evidence of Building Practices in New Spain’s Easternmost Colonial Frontier”

Shelley Roff, Associate Professor; University of Texas at San Antonio

11:15 – 12:45

**Track Four: Wood**

“Three Strategies for Mass Timber Construction in Seattle”

Ahmad Ali, Assistant Professor; Department of Architecture, Texas A&M University

Dawn Bushnaq, Architect; Bushnaq Studio Architecture + Design, Seattle WA
11:15 – 12:45  **Track Four: Wood (continued)**  
“Elemental Structure of Western Wood”  
Christopher Domin, Associate Professor, CAPLA: School of Architecture, University of Arizona  
“20th Century Engineered Wood Products on the West Coast: Technological and Architectural History”  
Suzana Radiojevic PhD, Adjunct Instr, Historic Preservation, University of Oregon; Scientist, Ligno Logic LLC  

12:45 – 2:15  **Track Five: Bridges**  
“Conde B. McCollough – Oregon's Bridge Builder”  
Robert J. Dermody AIA, NCARB, Associate Professor, School of Architecture, Art and Historic Preservation, Roger Williams University  
“The Klickitat River Bridge: Beginning a New Era in Prestressed Concrete Construction”  
Sharon Boswell, SWCA Environmental Consultants, Seattle WA  
“The Fall and Rise of Galloping Gertie: Risk and Reward on the Frontiers of Suspension Bridge Innovation”  
Richard Hobbs MES, and Richard Scott PhD, Sr Consultant Archivist & Historian; The Winthrop Group, Inc.  

12:45 – 2:45  **Track Six: Infrastructure I**  
“Cold War Concrete: Prototype Fallout Shelter Under Interstate 5 in Seattle”  
Craig Holstine, Historian; Washington State Department of Transportation  
“St. Paul to Seattle: All Aboard the Great Northern Railroad: How Design and Construction Influenced Economic Performance”  
A. Peter Hilger AIA; Faculty Director, Construction Management, University of Minnesota  
“Fort Casey, Battery Worth, Emplacements One and Two: Construction History and Repair”  
Peter M. Ryan, Associate Principal; Wiss, Janney, Elstner Associates, Inc, Seattle WA  
David Hansen, Manager, Historic Preservation Programs, Washington State Parks and Recreation Commission  

2:15 or 2:45  **Lunch break (on your own)**  

3:15  Break ends (Boeing Tour Participants)  
**3:15p Meet van at George Washington Statue: Van leaves exactly at 3:30 p (90m tour starts at 4:30 p)**  

4:30  Break ends (Walking Tour Participants)  
**4:30p – Meet your group at the Registration Desk**  
Tour #2: 1962 Seattle World’s Fair (walking) Tour leader: Tyler Sprague  
Tour #3: Pioneer Square (walking) Tour leader: Eric Hanna  
Tour #4: Downtown Seattle Landmarks (walking) Tour leader: Babita Joy  

7:00  **Dine Arounds - Sign up at Registration Desk to share a table at Seattle’s finest restaurants**  

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**Saturday, July 22**  

8:00 – 9:00  **CHSA Members Meeting** (all are invited!)  
ARCH 147  

9:00 – 10:00  **Keynote #5 – “A Life in Engineering and Construction”**  
Jon Magnusson, PE, SE, Senior Principal, Magnusson Klemencic Associates (MKA)  
ARCH 147 hall  

10:00 – 10:30  **Coffee Break**  
ARCH 147 hall  

10:30 – 12:00  **Track Seven: Buildings**  
“Oregon State Capitol Renovation Project”  
Maya M. Forty AIA, LEED AP, Principal; Architectural Resources Group  
“Fazlur Kahn and the Tall Tube”  
Michael J. O’Brien, Vice President for Academic Affairs and Provost; Texas A&M University  
“Form and Structure Through Global Exchange: The Seattle Public Library”  
Babita Joy, Master of Science Architectural History candidate, University of Washington Seattle  

10:30 – 12:00  **Track Eight: Infrastructure 2**  
“Early 20th Cent. Hydroelectric Power in the Pacific Northwest”  
Neal A. Vogel, Principal; Restoric, LLC  
“Building the Grand Coulee Dam”  
Paul Giroux Dist.M. ASCE  

12:00 – 12:30  **Closing Comments**  
Tyler Sprague, Assistant Professor; Department of Architecture, Adjunct Assistant Professor, Department of Civil and Environmental Engineering, University of Washington  
Jeffrey Beard, Professor of Construction Management, College of Engineering, Drexel University, 2017 CHSA Chairman  

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