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## Materials Matter – Tools of the Trade: Assessment + Implementation

AIA SEATTLE | FALL 2016- WINTER 2017 | SEATTLE CITY HALL, BERTHA KNIGHT LANDES ROOM

*\* all sessions/speakers subject to change*

PROGRAM: FRIDAY, DECEMBER 2, 2016

- 8.00-8.30      **REGISTRATION** and Continental breakfast
- 8.30-8.35      **WELCOME**  
**Bray Hayden** | Communications Director, AIA Seattle
- 8.35-9.30      **MATERIALS MATTER: STRATEGIES FOR PROJECTS**  
**Max Richter** | Senior Architect, Associate, Co-Director Materials Performance Lab, Perkins+Will
- 9.30-9.40      **BREAK**
- 9.40-10.25    **WHO'S WHO – PROJECT TEAM PERSPECTIVES**  
**Beth Stroshane** CSI, CCS, LEED AP | Managing Partner, Applied Building Information  
**David Walsh** | Preconstruction Sustainability Manager, Sellen Construction  
**Stacy Smedley** | Director of Sustainability, Skanska  
**Chris Hellstern** | Miller Hull Partnership  
**Joanna Callahan** | Partner, Hess Callahan Partners  
**Jacob Boyer** | Regional Manager, PROSOCO
- 10.25-10.40   **BREAK**
- 10.40 – 11:40   **PROJECT TEAM ACTIVITY**  
**Max Richter** | Senior Architect, Associate, Co-Director Materials Performance Lab, Perkins+Will
- 11.40-12.40   **PROJECT CASE STUDIES**  
**Moderator Chris Meek** AIA | Associate Professor, University of Washington & Director, Integrated Design Lab  
**Chris Hellstern** | Miller Hull Partnership  
**David Walsh** | Sellen Construction  
**Melissa Balestri** | ZGF Architects
- 12:40-12:45   **WRAP UP**  
**Moderator Chris Meek** | Integrated Design Lab

**Moderator:**



**Christopher Meek AIA | Associate Professor, University of Washington | Director, Integrated Design Lab**

Christopher Meek, AIA, IES is Associate Professor of Architecture at the University of Washington and Director of the Integrated Design Lab (IDL) at the University's College of Built Environments. In this role, he provides research, technical assistance, and education in the Pacific Northwest and nationally with a focus on building performance, daylighting, and climate responsive design. Mr. Meek is part of the AIA

Seattle Materials Matter development team which includes the University of Washington Integrated Design Lab, the Carbon Leadership Forum, and the Health Product Declaration Collaborative. Mr. Meek teaches graduate and undergraduate level courses on building design and technology at the UW Department of Architecture.

**Speakers:**



**Melissa Balestri | Specifier, ZGF Architects**

Melissa Balestri is a Specifier at ZGF Architects, LLP, one of three co-founders of the Healthy Materials Collaborative, a member of the Materials Matter Advisory Group, and the current Vice President and Education Chair for the Puget Sound Chapter of the Construction Specifications Institute (PSC CSI). As a Certified Construction Specifier, she has specified countless LEED projects, including a worldwide LEED Volume Program rollout, as well as a Seattle Living Building Pilot Program project. Her interest in healthy materials began in elementary school when a close friend was removed from school because she was

allergic to the newly installed carpets, and only grew stronger after a high school classmate's mother became dangerously sensitive to chemicals after she was exposed to improperly used commercial-grade cleaning products in a movie theater. Her goal is to help create and influence others to create buildings that have a positive health impact on occupants and the environment.



**Jacob Boyer | Regional Manager, PROSOCO**

After working for a local contractor as a leak investigation and repair specialist, Jake began as a Building Envelope Technical Specialist for PROSOCO, later moving into his current role as Regional Manager.



**Joanna Callahan | Partner, Hess Callahan Partners**

Joanna co-founded the real estate development company Hess Callahan Partners with Mike Hess in 2016. Before Hess Callahan Partners, Joanna and Mike were an integral part of First Western Development Services where Joanna was in-house Legal Counsel. Beyond her duties as in-house Legal counsel, she also worked on most aspects of development with a focus on lease review, project financing, and the closing of sales and acquisitions. Joanna's recent projects include two Fremont Office buildings for

Tableau, and a mixed-use restoration in Portland for Seattle-based retailer evo (Winner of the 2016 DeMuro Award presented by Restore Oregon for one of Oregon's best restoration projects). Joanna holds a B.A. from Yale University, a Master of Science in Public Policy from the London School of Economics, and a law degree from the University of Washington School of Law.



**Chris Hellstern | Miller Hull Partnership**

**Chris Hellstern M. Arch., LFA, LEED AP BD+C, CDT** and author with The Miller Hull Partnership in Seattle has worked on a variety of project types including hospitals, laboratories, public facilities, higher education, and world's fourth Living Building Challenge certified project—Bertschi School Science Wing. His recent book, *Living Building Education* chronicles the story behind the Bertschi project. Chris has served as a Cascadia Branch member and Living Building Ambassador for ILFI. He founded Seattle 2030 Roundtable and co-founded the Healthy Materials Collaborative. A Living Future Accredited

professional, Chris has been a speaker at numerous conferences across the country, published several articles and volunteers with local school groups mentoring students about sustainable practices and advocacy. With a passion for healthier materials, Chris served as a member of the AIA Materials Matter Advisory Group to help create the curriculum for this unique and comprehensive series.



**Max Richter | Senior Architect, Associate, Co-Director Materials Performance Lab, Perkins+Will**

Max Richter is a Senior Architect and Associate in the Vancouver office of Perkins+Will. Since joining the firm in 2010, he has worked on a number of the firm's most innovative projects, including the VanDusen Botanical Garden Visitor Centre, which is the first building in Canada to earn Petal recognition for the Living Building Challenge and the Centre for Interactive Research on Sustainability, which was designed to be 'net positive' in seven different ways. For both of these projects, Max helped the project teams navigate the Living Building Challenge and better understand the health impacts of building materials. Max regularly speaks and writes about sustainable design and healthy materials, and he recently co-authored an article

on integrating academic research into the architectural design process. He is also committee member for the Technical Committee of the Health Product Declaration Collaborative open standard.



**Stacy Smedley | Director of Sustainability, Skanska**

Stacy's resume includes the first LEED for Homes Platinum certified project in Washington and first project in the world certified under Living Building Version 2.0, the Bertschi School Living Science Building. At Skanska, Stacy is Director of Sustainability, leading sustainable initiatives and progressing sustainable construction methods. She is co-founder and CEO of SEED Collaborative, creating environmentally restorative learning spaces that educate and inspire. Stacy is committed to engaging her

community in sustainable design and has served as advisory board member for the Carbon Leadership Forum, founding member of Washington Businesses for Climate Action, Membership Chair for Cascadia Green Building Council, Regional Emerging Professionals Recruitment Chair for USGBC, Sustainable Curriculum Consultant, and 2013 Scholar in Residence for the National Association of Independent Schools. She works with K-12 and higher education facilities, offering workshops that engage students in applying sustainable principles to design spaces they can learn in and from. Stacy is a 2012 Living Building Hero.



**Beth Stroshane | Managing Partner, Applied Building Information**

Beth Stroshane is Managing Partner of Applied Building Information LLC, an independent specifications consulting firm based near Seattle, Washington. Prior to starting the practice in 2013, she wrote specifications for large architecture firms in the Seattle area. Beth works on a wide range of projects: she produces specifications for new buildings and renovations of existing facilities, serves public and private clients, and participates in design/bid/build, design/build, and negotiated contracts. Currently Beth is writing specifications for a Living Building Pilot project in Fremont. She is also active in CSI (Construction

Specifications Institute) and speaks nationally at industry events.



**David Walsh | Preconstruction Sustainability Manager, Sellen Construction**

Dave Walsh is a Registered Architect and Sustainability Manager at Sellen where he leads sustainability efforts on deep green projects including the new State of Washington 1063 Office Building, Federal Center South and a new corporate headquarters for a Seattle technology company. Informed by his dual experience in architecture and construction, Dave collaborates with the design team, manufacturers and owners to find materials that move projects beyond business-as-usual. Specifically, he has worked to reduce the embodied energy and greenhouse gas emissions in new concrete mixes.

Dave chaired the AIA Seattle Public Policy Board and was a Board Member of both AIA Seattle and the Seattle 2030 District. He received his Bachelor of Architecture degree from the University of Kansas and completed post-graduate architectural studies at the Swiss Federal Institute of Technology in Zurich. Dave is currently pursuing a Green Chemistry and Chemical Stewardship program at the University of Washington.

