

Prairie Wood Solutions Fair Speakers 2010

Darryl Condon, MAIBC, AAA, OAA, FRAIC, LEED® AP

Managing Principal, Hughes Condon Marler Architects

Darryl Condon is Managing Principal of Vancouver based Hughes Condon Marler Architects. He has been responsible for the design of a series of innovative and award-winning sustainable community recreation facilities across Canada, including the Vancouver Olympic Centre, the West Vancouver Aquatic Centre and the Whistler Public Library. Darryl studied architecture at McGill University. He is a registered Architect (in British Columbia, Alberta and Ontario), a LEED Accredited Professional and a Fellow of the Royal Architectural Institute of Canada.

Marianne Berube,

Executive Director, Ontario Wood *WORKS!*

Marianne Berube lives and works in North Bay, ON. She originally graduated from Nipissing and York Universities with degrees in Environmental Science and Business and later obtained both a Professional Management and Certified Investment Management Degree. She has worked extensively with the Construction Industry, CMHC and the Canadian Wood Council. For the past 10 years, Marianne has been the Executive Director on the Ontario Wood *WORKS!* and is the founder of the annual Wood Design Awards program that honours innovative wood design. A recipient of a Northern Ontario Business Influential Women's Award, Marianne is frequently invited to speak on sustainable building and wood use in non-residential building design.

Sophie Campbell, BA Arch, Dip Arch, RIBA

Project Leader & Associate, Sheppard Robson Architects

Sophie earned her degree at Nottingham University, going on to complete a diploma in Architecture at the Bartlett School of Architecture at UCL in 2004 and subsequently joining Sheppard Robson Architects. In 2006, she completed her Part 3 RIBA training. Sophie has led a number of successful projects including Norwich's Open Academy and the award winning Vincent Building at Cranfield University. Her latest projects include the City Academy Norwich (completion in 2012) and the UK's first ever Montessori State School. Sophie is also an active member of *Building Magazine's* Graduate Advisory Board; acts as a guest critic for Bartlett's diploma students, gives lectures at the ICA and has collaborated on a number of exhibitions. She was recently nominated for the Ambassador Award for displaying significant achievements in the Profession at the G4C New Generation Awards.

Peggy Lepper, M.Sc.F, Director - Technical Services

Codes & Engineering, Canadian Wood Council

Peggy joined the Canadian Wood Council in 2000 and currently holds the position of Director of Technical Services. She participates on Canadian and US wood design standards and Canadian Building Code Committees including the National Building Code of Canada Part 9 Committee on Housing and Small Buildings and the CSA O86 Committee on Engineering Design in Wood. She also oversees the development of CWC design tools including the Wood Design Manual, the Engineering Guide for Wood Frame Construction and WoodWorks® Software. She has been a member of the CSA O86 Technical Committee on Engineering Design in wood since 2001 and is currently the Chair of the Fastening Subcommittee.

Duane Palibroda, P.Eng., Struct.Eng., M.I.Struct.E., LEED®AP

Managing Associate, Fast + Epp Structural Engineers

Duane initially received a diploma in Architectural Engineering Technology from the Saskatchewan Technical Institute in 1982, and spent the first 7 years of his career as a technologist with two structural consultants. He returned to the University of Saskatchewan in 1989, and earned his Civil Engineering degree in 1993. Duane then moved to England, where he spent the next 5 years working with structural consultants on a number of commercial and residential building projects. Duane and joined **Fast + Epp** upon his return to Canada in 1998, and then became an Associate in 2004.

Paul Gilham, P. Eng

Chief Engineer, Western Wood Structures

Paul Gilham received his bachelor of Science in Civil Engineering from Oregon State University in 1981 and his Masters of Science in Civil Engineering from Portland State University in 1993. He has been working at Western Wood Structures, Inc. in Tualatin, Oregon for the past 28 years where he is currently the Chief Engineer. His responsibilities include the design of new timber structures such as bridges, arches and roof structures, and the inspection and repair design of existing timber structures. He is currently a member of the American Society of Civil Engineers' Timber Bridge Committee; the American Wood Council's Wood Design Standards Committee and has been active participant in the American Institute of Timber Construction's Technical Advisory Committee and Technical Review Board. Paul is currently registered as a Civil engineer in 38 states and as a Structural engineer in 9 states.

Dr. R. Sam Williams, PhD. Materials Science Engineering

Consultant, Sam Williams & Associates LLC

As Project Leader for the Wood Surface Chemistry Research Work Unit for 15 of his 30-year career at the Forest Products Laboratory (FPL), Sam was responsible for a broad research program to determine the mechanisms of wood surface deterioration outdoors, develop treatments for improving performance characteristics, and develop innovative products and processes for chemically modifying wood surfaces. Following retirement from FPL in June 2009, he formed Sam Williams and Associates (LLC), a consulting firm to identify and correct moisture problems in structures, remediated poor paint performance, and solve other related problems involving wood. He is the author/coauthor of over 130 publications and 2 books.

Gil Yaron, Head of Policy & Research B.A. & Sc., LL.B., LL.M.

Light House Sustainable Building Centre

Gil Yaron is a lawyer called to the Bar in 1997 with over a decade of expertise in research and policy. Gil holds a Masters of Law from UBC and has practiced in the areas of sustainable business, socially responsible investment and corporate governance before working in the sustainable building sector. He is the author of numerous publications and has presented widely on various topics related to sustainability. He is currently overseeing a national study on the role of the building operator in high performance buildings. Gil is a past member of the Ontario Securities Commission's Advisory Committee on Continuous Disclosure and an adjunct professor at the UBC's Faculty of Law where he developed and taught a seminar course on fiduciary duties in Canada. Prior to joining Lighthouse, Gil was the Director of Law and Policy for the Shareholder Association for Research and Education (SHARE) and founded Frogfile Office Essentials, a triple-bottom line business supplying eco-friendly office products to businesses across Canada.

Paul Mackie, Western District Manager

Western Red Cedar Lumber Association

Paul is the Western District Manager for the Western Red Cedar Lumber Association. Known as "Mr. Cedar", Paul is a fourth generation lumberman serving as the primary technical and media expert for the Western Red Cedar Lumber Association (WRLCA). One of North America's foremost authorities on Western Red Cedar as a building material, he continually shares his expertise with home improvement audiences across the continent and has appeared both on-camera and in numerous print interviews.

Blake Hockey, P. Eng.

Senior Engineer, Timber Systems

Blake is the Senior Engineer at Timber Systems Limited, a leading supplier of advanced structural timber packages in both domestic and off-shore markets. Based in the company's Vernon, British Columbia office, he has worked in design and development areas since completing his degree in Civil Engineering from the University of British Columbia. He went on to complete a Master of Applied Science in Forestry, specializing in Wood Mechanics and Structural Engineering in 1999 at UBC.

Ineke Van Zeeland, M.Eng., ASFPE

Manager, Codes & Standards, Canadian Wood Council

After completing a Bachelor of Engineering (Civil) degree at Carleton University, Ineke spent 5 years with Forintek's Fire Research Laboratory, performing research on the effects of fire on wood structures. She began work at the Canadian Wood Council (CWC) and spent a short time as a lecturer at Carleton University after completing a Master of Engineering degree in Fire Safety Engineering. For the past two years, as a Senior Project Engineer at Intertek's Texas fire laboratory, she was responsible for fire testing and certification of building/commercial products. She recently returned to the CWC, where she participates on the ASTM E05 Fire Test, the ULC S100A Fire Test, the NFPA Fire, and the Ontario Building Code Part 3 Advisory Committees in addition to various task groups under the National Building Code Standing Committees. She participates on the NRC's Fire Performance of Houses project and the NRC Consortium on the Characterization of Fires in Multi-Suite Residential Dwellings

Kim Karn,

Code Consultant, Larden Muniak Consulting

Kim joined LMC in 2002 and is currently the Branch Manager, responsible for Calgary operations and instrumental in its successes. As a Code Consultant, she offers many years of experience in the application of the Alberta and Ontario codes, as well as other Canadian and International Standards. With this knowledge, she has provided analysis of compliance for existing and proposed building designs, focusing on fire protection and life safety. Kim has also developed and delivered numerous continuing education seminars on building code, fire protection and life safety matters. She ensures drawing accuracy, develops alternative solutions, and composes and reviews compliance letters and reports. As project manager, she is responsible for ensuring projects are on time and on budget.

David Edmund,

Architect, GEC Architecture

David Edmunds is the Senior Partner of GEC Architecture. He is a registered architect with the Alberta Association of Architects, a member of the Architectural Institute of British Columbia, and a Fellow with the Royal Architecture Institute of Canada. He has been a practicing architect for more than 30 years. As a LEED Accredited Professional, David was Partner in Charge on the Banff Community High School Modernization, *the first school in Canada to achieve LEED certification*. He has led over 40 athletic and recreation projects at GEC Architecture. A "big picture" thinker and a focused and tenacious problem solver, David believes in first principles analysis and is prepared to challenge conventional wisdom to achieve the best balance of performance and design. David is an adjunct professor in the Faculty of Environmental Design at the University of Calgary, where he teaches structures for architects.

Sylvain Gagnon, P. Eng.

Research Scientist, Building Systems, FP Innovations

Sylvain completed his Bachelor degree in Civil engineering in 1994 from Université Laval. He then went on to work as a project leader in consulting engineering for SNC-Lavalin, Pellemon and Tecscult. He participated in the start-up of a Québec-based engineered wood plant and spent 4 years as an engineering instructor at Université Laval. In 2003, he joined FP Innovations (*formerly Forintek*) as a research scientist and structural engineer, providing support to members in the development and performance of special building systems' projects. He also assists the industry with increasing its market share in the Canadian non-residential and multifamily construction sector. While Sylvain is mainly experienced in wood design, industrial manufacturing and standardisation of structural wood products, he has a great deal of experience with materials such as concrete and steel. For the 2005-2010 Code Cycle, he sat on the Standing Committee on Structural Design of the National Building Code.