
Douglas Cardinal’s architecture springs from his observation of Nature and its understanding that everything works seamlessly together. In recognition of such work, Cardinal has received 21 Honorary Doctorates, Gold Medals of Architecture in Canada and Russia, and an award from UNESCO for best sustainable village. He was titled an Officer of the Order of Canada and was awarded the declaration of “World Master of Contemporary Architecture” by the International Association of Architects. Douglas Cardinal is one of the visionaries of a new world; a world where beauty, balance and harmony thrive, where client, architect, and stakeholder build together with a common vision.

Harbinder Birdi, BA hons, B Arch, RIBA, Senior Partner, Hawkins\Brown Architects LLP

Harbinder is a RIBA chartered Architect and Senior Partner at Hawkins\Brown one of the leading architectural practices in the UK. Harbinder leads the Infrastructure and Transport sector and is delivering the architectural designs for two of the UK’s largest infrastructure projects currently underway; Thames Tideway and three new stations, Tottenham Court Road, Bond Street and Liverpool Street for Crossrail 1.

Harbinder lectures in the UK and internationally on professional practice, architecture and construction. He leads the innovation in design and delivery of projects at Hawkins\Brown focusing on how the practice is using modern methods and off-site construction to deliver innovative contemporary architecture.

Harbinder is a previous winner of ‘40 under 40’; a prestigious UK design award recognising the best young architects under 40.

Carol Phillips, B.E.S., B.Arch. (U of Waterloo), OAA (BCDS), AIBC, NSAA, SCUP, LEED AP, FRAIC, Partner, Moriyama & Teshima Architects

Carol is a Partner with Moriyama & Teshima Architects, one of Canada’s most accomplished firms known for creating bold, enduring and sustainable architecture for 60 years that draw meaningfully from the communities and sites they help to define. As design leader for some of the firm’s most valued projects, she brings a passionate drive for powerful and graceful architectural solutions developed over 25 years of working in Canada and abroad. Recognized for her design leadership and contribution to public architecture, Carol was named a Fellow of the Royal Architectural Institute of Canada (RAIC) in 2014.

Carol’s advanced communication skills contribute to her strong collaborative team driven practice and as a lecturer, she brings awareness of the value of innovative public architecture in our everyday lives. Her projects have garnered many awards including 5 OAA Awards, a Governor General’s medal, 3 DX Awards, City of Toronto Heritage and Urban Awards, and numerous others from the industry.
Luigi Ferrara OAA, MRAIC, Hon. ACID O, ICSID Senator, Dean, Centre for Arts, Design & Information Technology, George Brown College, Toronto

Luigi Ferrara is an architect, designer, educator and storyteller. He is the Dean of the Centre for Arts, Design & Information Technology at George Brown College in Toronto, Canada and Director of the internationally acclaimed Institute without Boundaries (IwB). He has served as President and Senator of ICSID (now called the World Design Organization) and lectures around the world on topics as diverse as design and sustainability, design management, urban planning, information technology, digital media, telecommunications and the Wisdom Economy.

Tammy Cook, Director of Facility Planning and Management, George Brown College

Tammy joined George Brown College in 2015 in the role of Director, Real Estate. In 2016 she assumed the new role of Director, Facility Planning and Management. In this position, Tammy is responsible for leading the Real Estate and Planning functions as well as the Facility Management Operation for the College. She provides strategic leadership in capital planning, redevelopment and facility management across the College’s 3 sites totalling approximately 2 million square feet. She is also at the forefront of the College’s efforts to construct Ontario’s first, tall wood, low carbon institutional building, The Arbour. The construction of The Arbour, a 12-storey mass timber building at the College’s Waterfront Campus, will mark an important step forward in Canadian mid-rise wood structures and will be the first project of its kind in Ontario.

Tammy has a degree in Biochemistry from the University of Guelph and an MBA from the Rotman School of Management at the University of Toronto. Her initial foray into capital re-development occurred when she planned and implemented the move of the Princess Margaret Hospital to its current location on University Avenue. Following this, Tammy lead the facilities function at the University Health Network organization and lead the development of the Master Plan for the newly merged entity including consolidation of Doctor’s Hospital programs.

Tammy then moved to the financial services industry, spending the next 10 years with Sun Life Financial, as the Assistant Vice President, Global Facilities. She returned to healthcare in 2012 when she joined The Scarborough Hospital as their Director, Capital Projects where she developed and implemented a multi-year strategic capital projects plan for the organization.

Martin Baron, Partner, Teeple Architects

Martin is a graduate of the University of Waterloo, a member of the Ontario Association of Architects since 2002, and a LEED Accredited Professional since 2007. Martin practiced in Vancouver for eight years where he was the project architect on several important and influential residential developments and urban renewal projects. Since moving to Toronto, Martin has been involved in many award-winning projects including institutional, residential and urban designs. Martin is a prolific and innovative designer with expert knowledge of building systems and a profound understanding of city planning and sustainability.
Established in 1975, Lubor Trubka Associates has been providing architectural expertise to clients across North America, Asia and Europe. Lubor’s projects have frequently been recognized for their design excellence, innovation, efficiency and sustainability, resulting in international commissions. Lubor is an enthusiastic advocate of wood construction and in 2008 became the second recipient of the Canadian Wood Council’s Wood Champion Award.

Cory is a structural engineer, managing Blackwell’s Waterloo, Ontario, office. He has a particular interest in timber design—a subject he also teaches for civil engineering students at the University of Waterloo. He is a member of the PRG-320 standard committee for CLT and is currently the chair of the timber design subcommittee for CSA S6, the Canadian Highway Bridge Design Code.

Max was born and raised in a family of foresters in an area of dense woods in Germany. He completed a 3-year apprenticeship as a carpenter, followed by a degree in Timber Engineering from the Rosenheim University of Applied Sciences. In 2007, Max came to North America to explore the beautiful mountains, wildlife and outdoors, and completed his Master’s Degree in Timber Engineering from the University of British Columbia. During his time at UBC, Max conducted research on timber connection systems and was involved in connection testing for the first commercial CLT structure in Canada.

Max founded MyTiCon realizing that sustainable mass timber structures and their members are held together by connections which are not very well developed in North America. He firmly believes that connection technology advancements will be one of the driving forces to build bigger and better in North America with sustainable building materials such as mass timber.

Max cares deeply about the environment and demonstrates this in his life with a minimalist consumer lifestyle. Rain or shine, he cycles 62km to and from work, conserving non-renewable resources while reducing his own carbon footprint.

Cory is an Engineered Wood Specialist for APA – The Engineered Wood Association. Cory brings over 10 years of architectural and structural design and analysis experience with a proven track record in value engineering. He has spent most of his career working in the pre-fabricated panel industry as a design manager for various facilities located across Canada and has a thorough understanding of engineered wood products and systems. In his work for APA, Cory consults with and conducts workshops for designers, code officials, and other building professionals on best practices for specification, selection, and application of engineered wood products.
Cristian Wallace, Business Development & Specifications, AcoustiTECH

For over 17 years, AcoustiTECH has been specializing in sound insulation of multifamily concrete, steel and wood frame buildings. Cristian Wallace brings technical expertise, passion for working alongside architects, project managers and general contractors and a dedication to contribute to achieving new summits acoustically. Cristian’s experience, combined with the expertise of his team, has resulted in AcoustiTECH being the number one reference in the field of acoustics for new and existing buildings.

Marianne Berube, Executive Director, Ontario Wood WORKS!

Marianne Berube lives and works in North Bay, Ontario. She has degrees in Environmental Science and Business. She later obtained Professional Management and Certified Investment Management Degrees. She has extensive experience within the Finance, Construction and Wood industries and now works for the Canadian Wood Council.

Marianne has been the Executive Director of Ontario Wood WORKS! for the past 18 years, building the program from its pilot launch to the Provincial initiative it is today. Ontario Wood WORKS! is recognized by architects, engineers, building officials, educators and all levels of government as a wood use advocate and a technical resource for information on the wood products industry and sustainable building.

Lynn Embury-Williams, Executive Director, Wood WORKS! BC

Lynn is a Registered Professional Forester in the province of BC and has an MBA from the University of Western Ontario. She joined the BC Wood WORKS! program as Executive Director in 2014. Previously the Director of Marketing and Business Development at Canfor, Lynn has brought a wealth of experience and expertise in the areas of marketing and business development to Wood WORKS! BC. In more than two decades of working at Canfor, she was instrumental in helping the company quadruple its size to become the largest SPF producer in the world.

For six years, until the end of the program, Lynn Chaired the NEWBuildS Forestry Network Program, whose primary goal was to advance scientific knowledge and construction technologies that will enable wood-based products to be used in mid-rise and non-residential construction. Lynn was a forester for Crestbrook and its predecessor companies in the East Kootenays during the early 1980’s. During that time she managed the largest private land holding in forests, in the Province of BC.

Andre Lema, Business Development, Western Archrib

Andre is a graduate of NAIT in Building Construction Engineering, 3 years site experience, 10 years with a wood truss manufacturer and 17 years with Western Archrib in sales and marketing. He understands the cost drivers in a heavy timber framing system can be simple and complicated and is here to help share some of the factors that impact heavy timber budgeting.
Marc Alam, Technical Specialist – Fire, Code & Standards, Canadian Wood Council

Marc Alam is a member of the Canadian Wood Council. He is a Technical Specialist in the fire division. Marc completed a Bachelor Degree in Civil Engineering at Carleton University, and currently is in the process of completing a Ph.D. in fire safety engineering with Dr. George Hadjisophocleous, also at Carleton University. His doctoral thesis studies the behaviour of heavy timber connections in fire conditions.

As Technical Specialist in Fire, Marc assists the Senior Director of Codes and Standards – Fire & Sustainability, Rodney McPhee, and Senior Manager of Codes and Standards – Fire & Acoustics, Ineke Van Zeeland, through participation in CWC’s building code and standards fire-related initiatives and the development of CWC’s fire design tools, as well as code-related fire research projects.

Ghasan Doudak, Ph. D., P. Eng., Professor of Structural Engineering, Civil Engineering Department, University of Ottawa

Dr. Doudak’s expertise includes multi-scale understanding of how complete structural systems function, encompassing issues such as how complete buildings respond to effects of wind storms, ground shaking during earthquakes, or other actions like impacts and blasts. Prior to joining the Engineering Faculty, Dr. Ghasan Doudak held the position of Manager, Wood and Structural Standards at the Canadian Wood Council.

Dr. Doudak grew up in Denmark where he received his Master of Science degree from the Technical University of Denmark (DTU). Following his graduation, he worked as a structural engineer where he designed commercial and residential buildings. His Ph.D. research was aimed at determining the load paths in wood light-frame buildings under various stages of construction using a holistic design approach. He has worked closely with researchers from North America and Europe.

Robert J. Jonkman, P.Eng., Director Codes and Standards - Structural Engineering, Canadian Wood Council

Completing a Bachelor of Civil Engineering and Management degree at McMaster University in Hamilton in 1994, Rob worked for one year at a structural engineering consulting firm and over nine years at Normerica Building Systems, a Canadian manufacturer of post and beam / timberframe buildings as “Design and Engineering Supervisor”.

Rob joined the Canadian Wood Council’s Codes and Standards division in September 2005 as “Manager of Structural Engineering”. Concentrating on structural engineering, building science, and energy issues, Rob managed the ongoing development of the Woodworks® Engineering Software, participated on the Technical Research Committee of the Canadian Home Builder’s Association, participated on building code committees (Structural and Energy) and is the Secretary/Associate for the Technical Committee on the “Engineering Design in Wood” (CSA O86) Standard.
Rob Keen, R.P.F., CEO, Forests Ontario

In 2014, Rob Keen assumed the role of Chief Executive Officer of Forests Ontario (the merged organization of Trees Ontario and Ontario Forestry Association) after serving as CEO of Trees Ontario since 2011.

Rob is a Registered Professional Forester (RPF) who founded a forestry consultant business upon graduating with a BScF from the University of Toronto in 1982. He has been involved in many facets of the forestry industry, primarily in the Great Lakes St. Lawrence forest region. Rob has provided forestry services to landowners, developed forest management plans on Crown and private lands, conducted wood supply and feasibility studies, led forest audits for the Forest Stewardship Council and Ontario Ministry of Natural Resources (MNR) and fulfilled numerous silvicultural contracts with the MNR.

Rob has been an active member of the Ontario Professional Foresters Association since 1985, where he served as vice-president for two terms. He was a director and chair of the Algonquin Forestry Authority, Director for Maple Leaves Forever Foundation, Invasive Species Centre and President of the Ontario Forestry Association.

Rob is now leading the Forests Ontario team in the promotion and support of sustainable forestry across Ontario and Canada.
Roland Maderebner, Dipl.-Ing. Dr. techn., University of Innsbruck, Austria

Roland is a Senior Scientist and Senior Lecturer at the Timber Engineering Unit of the University of Innsbruck. He is an expert of the Austrian Standards Committee for timber construction, and an expert of the technical test and research for non-metallic materials at the university. His research topics include physical and mechanical properties of wood, CLT and solid timber construction, and fastener systems in timber construction.

Bob Hartogsveld, Architectural Solutions Manager, CertainTeed

At this time it is my pleasure to welcome Bob Hartogsveld from CertainTeed Saint-Gobain to come speak about Innovations in Residential Construction Using Advanced Gypsum Products.