

Cory Zurell

Principal, Blackwell

PhD, P.Eng.

PROFESSIONAL HISTORY

Blackwell

2015 to present, Principal
2007 to 2015, Senior Associate
2004 to 2007, Senior Engineer
1997 to 2000, Structural Designer

University of Ottawa

2001 to 2003, Sessional Lecturer,
Research Assistant

EDUCATION

Ph.D., Civil Engineering, University of
Ottawa, 2004

Honours B.A.Sc., Civil Engineering,
University of Waterloo, 1997

ACADEMIC POSITIONS

Adjunct Assistant Professor, School of
Architecture, University of Waterloo

LICENSES

Professional Engineers Ontario
Association of Professional Engineers
of Nova Scotia

PRESENTATIONS

Reid, M. & Zurell, C. **Adaptive Reuse:
Structural-Architectural Interaction
in Historic Buildings**. Toronto Wood
Solutions Fair, 2010.

**WoodWORKS! Ontario: Introduction
to Timber Engineering Workshop**,
Toronto, March 2014

PROFESSIONAL ACTIVITIES

CSA S6 CHBDC Timber Sub-
committee

APA/ANSI PRG-320 Standard
Committee

SELECTED PUBLICATIONS

Reid, M. and Zurell, C. **Designing for Timber-Framed Buildings: Adaptive Reuse Considerations for Fire, Acoustics and Structure**. Construction Canada, p. 8-18, September, 2011.

Zurell, C. **Aerodynamics of a Circular Cylinder Inclined to Airflow and Wind-induced Vibration of Dry, Inclined Cables at High Wind Speeds**. Doctoral thesis, University of Ottawa, 2004.

Zurell, C. **Analysis of Fire Test Loads for Load-bearing Wood Stud Walls – A Review of International Standards**. Research report, Forintek Canada Corp., Ottawa, 2002.

Cheng et al. **Aerodynamic Behaviour of Cables Against Skew Wind**. Proc. of the 11th Intl. Conf. on Wind Engineering, Lubbock, Texas, 2003.

SELECTED PROJECTS

- The Breithaupt Block, Kitchener
- Cawthra Community Centre, Mississauga
- Chippewas of Nawash Elementary School, Cape Croker
- Christopher Children's Centre, Cambridge
- CIGI Campus, Waterloo
- Cree Village Ecolodge, Moose Factory
- Canadian Border Services Building, Fort Erie
- Deer Clan Longhouse, Crawford Lake Conservation Area
- Erindale Student Centre, University of Toronto at Mississauga
- Innovation Drive Bridge, Bible Hill, Nova Scotia
- Knox Presbyterian Church, Waterloo
- Laurentian Architecture Library (concept engineer)
- Moorelands Camp Dining Hall, Dorset
- Prince Arthur's Landing, Thunder Bay
- The Regatta Condominium, Port Credit
- Regent Park Community Health Centre, Toronto
- Robert Watson Lofts, Toronto
- Rundles Restaurant and Residence, Stratford
- St. Jacobs Farmers' Market, St. Jacobs
- Schulich School of Business, York University
- Strathroy Caradoc Aquatic Facility, Strathroy
- Sunnyside Supportive Housing, Kitchener
- Tata Steel D.S.O., Schefferville, NFLD
- Whitchurch-Stouffville Library and Recreation Centre
- Woolwich Memorial Centre Pool and Arenas, Elmira