



Russell Richman Consulting Ltd.  
27 Withrow Avenue  
Toronto, ON, M4K 1C8  
www.rrcl.ca  
416-567-8604

# Russell Richman

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Ph.D., P.Eng. President richman@rrcl.ca  
Consulting Engineer (PEO; 2018)

## Academic Preparation

<b>Ph.D. (Civil Engineering)</b> University of Toronto, Department of Civil Engineering	<b>2003–2008</b>
<b>M.A.Sc. (Civil Engineering)</b> University of Toronto; Department of Civil Engineering	<b>1999–2002</b>
<b>B.A.Sc. (Civil Engineering)</b> University of Toronto; Department of Civil Engineering With honours standing	<b>1995–1999</b>

## Selected Projects

**Toronto and Region Conservation Authority, Head Office (Toronto, ON)**  
**2020-present**  
**Monitoring and Mass Timber Elements**

**Ken Sobel Tower, 500 MacNab Street North Passive House Retrofit (Hamilton, ON)**  
**2019-2021**  
**Whole Building and Guarded Floor Airtightness Testing**

**Orillia Soldiers Memorial Hospital**  
**2017-2018**  
**Curtain Wall Retrofit and Remedial Repairs**

**Palm Beach Condominiums (Barbados, WI)**  
**2010-2013**  
**Large Scale Investigation/Expert Witness/Window Replacement**

**Gildan Sportswear Head Office (Barbados, WI)**  
**2008-2010**  
**Curtain Wall Replacement**

**Canadian Embassy (Seoul, South Korea)**  
**2005-2008**  
**Lead Curtain Wall Consultant**



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## Publications

*Over 50 published journal articles and 100 published conference articles*

## Contributions to the Fields of Building Science and Sustainable Buildings

Co-organizer of the first Passive House training in Canada	2010
Co-founder of Passive Buildings Canada	2010
Founding member of the Passive House Institute US (PHIUS) Technical Committee	2011-present
Founding member of the PHIUS Window Technical Sub-committee	2013-present
Founding member of the PHIUS Air-tightness Technical Sub-committee	2013-present
Founding member of the PHIUS Hygrothermal Protocol Sub-committee	2013-present

## Experience/Employment

### Research Experience

<b>Assistant Professor</b>	<b>August 2008-2013</b>
<b>Associate Professor</b>	<b>August 2013-2018</b>
<b>Associate Chair, Graduate Studies, Building Science</b>	<b>August 2015-present</b>
<b>Professor</b>	<b>August 2018-present</b>
Ryerson University, Toronto Department of Architectural Science Faculty of Engineering, Architecture and Science	

### Related Professional Experience

<b>President</b>	<b>2005-present</b>
Russell Richman Consulting Ltd.	
<ul style="list-style-type: none"><li>• Building science consulting and engineering teaching services</li><li>• Large whole building airtightness testing</li></ul>	
<b>Partner</b>	<b>2014-2018</b>
Passiv Science LLC	
<ul style="list-style-type: none"><li>• Building envelope specialist in a commercial and large building Passive House design firm</li></ul>	
<b>Project Manager/Curtain Wall Specialist</b>	<b>2004-2005</b>
Yolles Partnership Inc.	



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- Curtain wall consultant to the Canadian Federal Government for design and construction of a new embassy in Seoul, South Korea.
- Project lead on several Property Condition Assessments across North America.

**Intermediate Engineer/Building Envelope Specialist**

**2000-2003**

Yolles Partnership Inc.

- Responsible for managing projects while providing investigation, design, contract administration and client services.