



**SEAN DEWINTER, BSc, EIT**  
*CURRICULUM VITAE*

Sean deWinter is an Engineer-in-Training as a member of APEGBC. He holds a Bachelor of Applied Science Degree in Honours Mechanical Engineering from the University of Waterloo. Sean implements performance-based fire engineering analysis, and assists in the development of Alternative Solutions and Building Code compliance.

**SPECIALIZED EXPERTISE**

- Heat transfer analysis
- Evacuation / egress analysis
- Fire modelling (CFD)

**PROFESSIONAL EXPERIENCE**

July 2015 – Present	<b>GHL CONSULTANTS LTD</b> , Building Code Consultants and Fire Science Engineers <i>Engineer-in-Training</i>
May – August 2014	<b>THE PETROLEUM INSTITUTE</b> , Research Institute and University <i>Research Assistant</i>
September – December 2013	<b>WALTERFEDY</b> , Construction Consultants <i>Jr. Mechanical Designer</i>
January – May 2013	<b>HIDI RAE</b> , Mechanical and Electrical Consultants <i>Engineering Assistant</i>
May – August 2012	<b>PCL</b> , General Contractors <i>Field Engineering Student</i>
September – December 2011	<i>Estimating Student</i>
January – May 2011	<b>TWEEDIE AND ASSOCIATES CONSULTING ENGINEERS</b> , Mechanical Consultants <i>Engineering Student</i>

**EDUCATION**

Sept, 2010 – May, 2015	<b>Bachelor of Applied Science (BASc), Honours Mechanical Engineering</b> University of Waterloo, Waterloo, ON 5-year Undergraduate Degree Program (Co-op)
------------------------	--

**MEMBERSHIPS**

- Association of Professional Engineers & Geoscientists of BC (APEGBC) – EIT designation

**PUBLICATIONS**

- Rodgers, P.; Diana, A.; Bojanampati, S.; deWinter, S.; Krishna, V.; Gulati, P.; Eveloy, V.; ElSayed, L., "Experimental characterization of thermally enhanced polymer composite heat exchangers," Thermal Measurement, Modeling & Management Symposium (SEMI-THERM), 2015 31st, vol., no., pp.208, 215, 15-19 March 2015. Available online at:  
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7100162&isnumber=7100113>