

He is a pioneer in the establishment of native urban meadows on rooftops and is a contributor to the University of Toronto's G.R.I.T Lab studying performance variables of green roof systems. Rick is a past director of the industry association, Green Roofs for Healthy Cities, past Chair of their Corporate Members Committee, and past Chair of their Technical Sub-Committee on Growth Media. Rick was involved in the development of the industry's Green Roof Professional Training Courses. Rick has developed curriculum and lectured on Environmental Horticulture at Sheridan College. He has provided key note addresses at various Conferences, including the B.E.S.T. lecture series at the Daniel's School of Architecture, the Australian Green Roof Conference and has taught various green roof courses throughout North America.

Jason Teetaert – SMT Research – President



This presentation on methods to find and prevent leaks focuses on understanding the use of electronic leak detection (ELD), and lessons learned from 20 years of leak detection data. The content will focus on the results from automated monitoring systems for conventional, inverted roof assemblies, existing wall systems as well as timely information on monitoring mass timber..The presentation covers the basics of what ELD is and its purpose in identifying water damage and leaks. Traditional testing methods are discussed alongside the principles of ELD, including ASTM standards, the use of conductive mediums, and the various testing methods and equipment involved. The presentation highlights how ELD can enhance accuracy in detecting leaks, helping to prevent costly water damage in roofing systems. In particular, the presentation will highlight

Jason Teetaert contributes a huge part of his successful transition from electrical engineering to building science to BCBEC. He gained invaluable insight from volunteering on BCBEC board of directors for ten years, connecting with leading building enclosure experts at events that become colleagues, clients, and friends.

Jason currently leads SMT with the largest team of technical people in the area of construction leak detection systems in the world. He has contributed to over 11 patents in the area of; hybrid wired/wireless data acquisition systems, leak detection solutions for inverted plaza deck assemblies and for moisture detection in conventional roofing and mass timber structures.

SMT has systems installed in the historic castles in Slovenia, Manhattan's convention center – the Javits Center, covered bridges of Iowa, schools in New Zealand and mass timber buildings in Australia. The SMT technology is being used in every state in the USA, and on six of the seven continents. Locally (in Vancouver), the SMT team is involved in the Vancouver "Signature Projects" – recent projects include UBC Museum of Anthropology, Vancouver House, The Post, and Oakridge Park (mall redevelopment). Beyond buildings, Jason has worked with Tesla on condensation sensors, US Navy for submarine prop transmission leak detection systems, and Atomic Energy Industry in the monitoring of heavy water contamination.

Jason achieves a work/life balance by simply mixing the two – have fun at work, and work at fun (don't get him started on this topic!). He supports his family in their careers and in school endeavours, takes on gravity fed west coast sports like skiing, mountain biking, hiking, paddling and sharing stories around a campfire with friends.