

CITATION

Dr. Stewart MacNaughton Hamilton 2015 Provincial and Territorial Geologists Medal

Dr. Stewart Hamilton is dedicated to public service and geoscience in Ontario, demonstrating science leadership within the Ontario Geological Survey (OGS) for the past 20 years. Stew is recognized provincially, nationally and internationally as a pre-eminent expert on the science of geochemistry and hydrogeology and their application to numerous geoscience problems across Ontario including the origin of forest rings in northern Ontario; kimberlite (diamond) exploration in the Far North; geochemical techniques to aid mineral exploration in regions of thick overburden cover; and mapping groundwater quality in southern Ontario.

Stew's work has advanced geoscience to the benefit of Government priorities, the geoscience profession and societal needs. He effectively applies the principles of geochemistry and hydrogeology to mineral exploration, environmental sciences and public health & safety. Hallmarks of Stew's career are an internationally recognized portfolio of work, exceptional productivity, constant innovation, creativity and focus on client service. Stew frequently establishes productive collaborative linkages with academia, industry, conservation authorities, other geological surveys and government ministries in his desire to fully understand all aspects of his research topics. Stew is sought out as a speaker on a variety of geoscience topics and delivered 26 national and international presentations as Distinguished Speaker for the Association of Applied Geochemists from 2005 to 2006. He brings innovation to every element of his work, from the design of field protocols and data handling through to the interpretation and visualization of geochemical data. Stew's technical expertise is complimented by his interpersonal skills; a natural and passionate communicator he demonstrates strong leadership through mentoring, providing scientific guidance and challenging others to achieve higher standards. He conveys geologic concepts to non-geoscientists in a manner that allows their importance to be understood.

Stew demonstrates a strong commitment to his profession as a technical reviewer and through committee work and peer development. Stew participates fully in important OGS initiatives including the groundwater mapping program, recruitment, training, mentorship of students; and in the development of rigorously accurate field techniques and methods related to the sampling of surficial media.

Stew is committed to client-focused work and providing the best possible objective and technically current geoscience data and information to the public and explorationists. Stew is a mentor to numerous undergraduate and graduate level students and is a leader in contributing to a new generation of geoscientists with expertise in geochemical and hydrogeological mapping techniques.