

## Citation

Dr. Michael Cecile is an outstanding recipient of the R.J.W. Douglas Medal. Mike's voluminous output of journal publications, maps and GSC Bulletins provide key insights into the geological evolution and tectonic history of sedimentary basins in northern and western Canada. That history spans rift events that created Early Paleozoic basins and sub-basins on the northwest Laurentian margin, through to the orogenesis that deformed those basins in the Cordilleran Foreland. Mike has documented rift-basins, demonstrated a link between Arctic and Cordilleran ancestral continental margins and their tectonic evolution, and provided models for structural styles in the northern Cordillera. He also synthesized much of this work into a Lower Paleozoic tectonic framework for the northern Interior Plains and Cordillera that continues to influence current academic and petroleum research. Dr. Cecile's scientific contributions are significant to the development of conceptual and proven play concepts for petroleum exploration in northern and western Canada.