

Announcing Dr. Wyatt Bain as our new Robert W. Hodder Chair in Economic Geology



In January, we welcomed the new Robert W. Hodder Chair in Economic Geology, Dr. Wyatt Bain, to Earth Sciences.

Dr. Bain received his BSc in Geology and Geophysics from the University of Wisconsin in 2011. After a brief period working as a geologist in Alaska, he earned an MSc in Geology from the University of Nevada-Las Vegas in 2015, a PhD in Geology at the University of Alberta in 2020, and a postdoctoral fellowship at Lakehead University in 2021. Dr. Bain's background includes experience working with the minerals industry and government geoscience, and he specializes in economic geology with an emphasis on fluid and melt inclusion research, field-based ore deposit studies, and geoscience education. His research background includes fundamental and applied projects focused on understanding the genesis of mineral deposits and fingerprinting the geochemical processes that drive critical-metal mobility and enrichment in the Earth's crust. His current research focuses on characterizing the geochemical evolution of fluids and melts in magmatic sulfide and iron oxide-copper-gold deposits and understanding the geochemical behavior of Co in mineral systems. Dr. Bain plans to build on this experience at Western by cultivating research on mineral resources in Northern Ontario and the Canadian Cordillera and developing mineral industry-focused field courses.

Look for more updates on Dr. Bain's research and teaching soon!