Jim Miller – Associate Professor, University of Minnesota Duluth (PhD, Minnesota)

Research Interests: Field, petrologic, and metallogenic studies of the igneous rocks of the 1.1 Ga Midcontinent Rift of the Lake Superior region with the goal of unraveling its tectonomagmatic evolution. In his 25 years as a senior geologist with the Minnesota Geologic Survey, Jim focused most of his research on detailed geologic mapping of the Duluth Complex and related intrusive terranes of the Midcontinent Rift in northeastern Minnesota. More topical research has focused on petrologic studies of various mafic intrusions within the Duluth Complex and evaluating their potential for economic mineralization, particularly PGE reefs. Jim left the MGS and joined the faculty at UMD in 2008.