

Fall / Winter 2024 / 25 GSM Seminar Schedule

All lectures are Mondays at 7 PM CT except as noted.

November 11, 2024: "Geological Mapping" *Harvey Thorliefson*, Ph.D., Professor, Department of Earth and Environmental Sciences, U. of Minnesota.

November 25, 2024: (Online Lecture). "Shale in a Nutshell: An Overview of Shale, Oil and Gas in the U.S. and Texas" *Tim McMahon*, Ph.D., Project Manager and Principal Investigator for Tight Oil Resource Assessment (TORA) consortium.

December 9, 2024: "Beautiful Ohio: Sedimentary Dreams" *Deborah Naffziger*, GSM.

January 27, 2025: TBD

February 15, 2025: Saturday Lab, 10 am – noon at Macalester College. Topic TBD *Jeff Thole*, M.Sc., Geology Laboratory Supervisor and Instructor at Macalester College.

February 10, 2025: "Soils" *Holly Dolliver*, UW River Falls.

February 24, 2025: (Online Lecture) "Greatest Mass Extinctions in Earth's History" *Rachel Phillips*, Ph.D., (GEO GIRL), Postdoctoral Researcher and Instructor, U. of South Carolina.

March 10, 2025: (Online Lecture, tentative) "Mining" *Joyashish Thakurta*, Ph.D., Research Manager, Natural Resources Research Institute, U. of Minnesota Duluth

March 24, 2025: "Earthquake Hazards" *Stephan Delong*, Ph.D., USGS Earthquake Science Center and Visiting Professor, U. of Minnesota.

April 7, 2025: "Ancient Seas, Modern Thrills! Journey Through Minnesota's Paleozoic Geology" *Andrew Retzler*, M.Sc., Sedimentary Geologist, Minnesota Geological Survey.

April 21, 2025: "Stromatolite Morphology and Diversity - How did (mostly) brainless pond scum build large, complex structures?" *Julie K. Bartley*, Ph.D., Professor, Gustavus Adolphus College.

May 5, 2025: Spring Banquet, U Garden, 2725 University Ave. SE. Minneapolis. Dinner 5 - 7pm. Lecture at 7 pm. "Bemidji and Bemidji West (Pearl Harbor)." *Jared Trost*, M.Sc., hydrologist with Upper Midwest Water Science Center, USGS.