

## Fall /Winter/Spring 2024-2025 GSM Seminar Schedule

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

**November 11, 2024:** "Geological Mapping" *Harvey Thorleifson*, 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 10, 2025:** "Soils" *Holly Dolliver*, Ph.D., Department Chair of Plant and Earth Science, U. of Wisconsin, River Falls.

**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 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.