

The Minnesota Geological Survey (MGS) has now, on an experimental basis, joined up with the local U.S. Geological Survey (USGS) office as hosts for the Winter/Spring 2012 brownbag seminars. The location of the presentations will rotate between the MGS and USGS offices. The first presentation is this **Wednesday, Feb. 1**, with a talk by Laurel Woodruff of the USGS on “*Stream bed sediment chemistry and water chemistry from watersheds near Lake Superior to establish pre-mining background element concentrations*”

Copied below, and attached, is the entire Fall schedule of MGS/USGS brown bags, with tentative titles or topics. Most presentations are WEDNESDAYS at noon (with the exception of TUESDAY, APRIL 3), roughly every-other week.

The **USGS** Minnesota Water Science center is in Mounds View, about a 10-15 minute drive from the U of M campus
2280 Woodale Drive

Mounds View, MN 55112

For a map and directions:

<http://mn.water.usgs.gov/about/MoundsView.html>

The **MGS** is located about half-way between the St Paul and Minneapolis campus', on University Avenue (2642 University Ave West, St Paul, 55114-1057). For a map and directions go to our website at

<http://talc.geo.umn.edu/mgs/expanded.html>

MGS/USGS BROWN BAG WINTER-SPRING SEMESTER 2012 SCHEDULE

Wednesday, Feb 1, 12:00 LOCATION USGS OFFICE, MOUNDS VIEW

Laurel G. Woodruff,

U.S. Geological Survey

“Something on stream bed sediment chemistry and water chemistry from watersheds near Lake Superior to establish pre-mining background element concentrations”

Wednesday, Feb 15, 12:00 LOCATION MGS OFFICE, ST PAUL

Dean Peterson

Senior Vice President, Duluth Metals

“Exploration and development of copper-nickel deposits in northern Minnesota”

Wednesday, Feb 29, 12:00 LOCATION USGS OFFICE, MOUNDS VIEW

Tim Cowdery

USGS

“Glacial Ridge Geology and Hydrology , or Dakota County Groundwater and the use of County Atlases

Wednesday, March 14, SPRING BREAK

Wednesday, March 28, 12:00 LOCATION USGS OFFICE, MOUNDS VIEW

Perry Jones

USGS.

” Something on White Bear Lake hydrology, or mine hydrology”

TUESDAY APRIL 3 (note out of sync week and day), 12:00 LOCATION MGS OFFICE, ST PAUL

Jennifer Anderson and colleagues

Winona State University

“The Sudbury Impact Layer in Northern Minnesota – An Application of GigaPans to Geoscience Education and Research”

Wednesday, April 25, 12:00 LOCATION USGS OFFICE, MOUNDS VIEW

Mindy Erickson

U.S. Geological Survey

“Something on Arsenic in Groundwater”

Wednesday, May 9, 12:00 LOCATION MGS OFFICE, ST PAUL

Tony Runkel, Bob Tipping and Julia Steenberg

MGS

“Seeing is believing: turbulent flow in a really cool borehole video collected near the U of M campus ”