The Duluth Trip: Active Geology Learning in the Field
• Target: Students in Geology minor and/or Earth Science major
• Students have learned basic geology principles and facts in class and lab
• Now, to make them come alive…
First, students meet their new rock friends...
Then they get close... by mapping

Student mapping (... not in MN)

Student-made geologic map
• Course entails
  – Team mapping projects at 4 or 5 geologically distinct localities that sample key aspects of MN geology
    • Taylors Falls
    • Jay Cooke State Park (Duluth)
    • Virginia (Iron deposits)
    • Ely/Vermilion
    • North Shore
  – 1 – 2 days duration each – small areas
  – Final report: combine literature on MN geologic history with observations to write own account of Geology of Minnesota.
With aid of CETL grant, this will be the first genuine geology mapping course at MSU.

Minnesota Geology Field Course
GEOLOGY 401/501
August 19 - 27, 2006
Nine days of classic geology, mapping, and getting to know Minnesota as never before - and having a good time besides!

3 credits. Limit 11 students. 1st organizational meeting in late April. Registration by April 14 strongly recommended.
Information: Prof. Steven Losh: steven.losh@mnsu.edu
• Assessment
  – Individual mapping projects
  – Project report
  – Feedback during & after course – conversations, increased ability in subsequent courses