

## KURT A. REFSNIDER

### Address:

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### RESEARCH INTERESTS:

Glacial geology, landscape evolution, rock glaciers and periglacial geomorphology, cosmogenic nuclide geochronology, and Plio-Pleistocene climate change.

### EDUCATION:

2006-present: *University of Colorado – Boulder (CU) Department of Geosciences & INSTAAR*

- My dissertation research is focused on the Clyde Foreland Formation, a sequence of glaciomarine and marine sediments exposed in the sea cliffs on the northeast coast of Baffin Island. This sedimentary archive, stretching from the late Pliocene to the late Pleistocene, provides an ideal location to look at long-term changes in the dynamics of the northeastern sector of the Laurentide Ice Sheet and glacial erosion on central Baffin Island.
- GPA: 3.9/4.0, 28 credits
- Advisor: Dr. Gifford Miller

2004-2006: *University of Wisconsin – Madison (UW), M.S. in Geology*

- Thesis: Late Quaternary glacial and climate history of the upper Provo River drainage, Uinta Mountains, Utah
- GPA: 4.0/4.0, 27 credits
- Advisor: Dr. David Mickelson; Geochronology advisor: Dr. Bradley Singer

2000-2004: *University of Minnesota – Morris (UMM), B.A. in Geology, minor in Chemistry*

- GPA: 3.93/4.0, 159 credits, graduated with High Distinction

### PUBLICATIONS:

- Refsnider, K.A.**, Brugger, K.A., Leonard, E.M., McCalpin, J.M., and Armstrong, P., 2007. Late Pleistocene equilibrium line altitude trends and precipitation distribution in the Sangre de Cristo Range, Colorado, v. 39.
- Refsnider, K.A.**, Laabs, B.J.C., Plummer, M.A., Singer, B.S., Mickelson, D.M., and Caffee, M.W., 2008. Last glacial maximum climate inferences from cosmogenic dating and glacier modeling of the Western Uinta ice field, Uinta Mountains, Utah. *Quaternary Research*, v. 59, p. 130-144.
- Refsnider, K.A.**, Laabs, B.J.C., and Mickelson, D.M., 2007. Glacial geology and equilibrium line altitude reconstructions for the Provo River drainage, Uinta Mountains, Utah, U.S.A. *Arctic, Antarctic, and Alpine Research*, v. 39, n. 4, p. 529-536.
- Laabs, B.J.C., Munroe, J.S., Rosenbaum, J.G., **Refsnider, K.A.**, Mickelson, D.M., Singer, B.S., and Caffee, M.W., 2007. Latest Pleistocene Glaciation of the Upper Bear River Basin, Utah. *Arctic, Antarctic, and Alpine Research*, v. 39, n. 4, p. 537-548.
- Refsnider, K.A.** and Brugger, K.A., 2007. Rock glaciers in central Colorado as indicators of late-Holocene climate change: a lichenometric study using *Rhizocarpon* subgenus *Rhizocarpon*: *Arctic, Antarctic, and Alpine Research*, v. 39, p. 127-136.
- Refsnider, K.A.**, 2006, Late Quaternary glacial and climate history of the Provo River drainage, Uinta Mountains, Utah. [Unpublished M.S. thesis]: University of Wisconsin - Madison, 121 p.
- Munroe, J.S., Laabs, B.J.C., Shakun, J.D., Singer, B.S., Mickelson, D.M., **Refsnider, K.A.**, and Caffee, M.W., 2006. Latest Pleistocene advance of alpine glaciers in the southwestern Uinta Mountains, northeastern Utah, USA: Evidence for the influence of local moisture sources: *Geology*, v. 34, p. 841-844.
- Refsnider, K.A.** and Brugger, K.A., 2001. Determination of degree-day factors and mass balance simulation on Rabots Glaciär, Swedish Lapland, *Geological Society of America Abstracts with Program*, v. 33, p. 13.

### AWARDS AND GRANTS RECEIVED:

- National Speleological Society Ralph W. Stone Graduate Fellowship, 2008
- CU Beverly Sears Graduate Student Research Grant, 2008
- CU Dept. of Geological Sciences Shell Research Award, 2008
- Geological Society of America Graduate Research Grant, 2005, 2008
- Colorado Scientific Society Pierce Award, 2006
- American Alpine Club Research Grant, 2006
- UW Dept. of Geology and Geophysics Stanley Tyler Award for Excellence in Teaching, 2005

- UW Dept. of Geology and Geophysics Week's Research Assistantship, 2004
- Indiana University Geology Field Camp Outstanding Student Award, 2004
- Indiana University Geology Field Camp Scholarship, 2004
- National Science Foundation Graduate Research Fellowship Honorable Mention, 2004
- UMM Edith Rodgers Farrell Memorial Award for outstanding undergraduate research, 2004
- UMM Scholar of the College, 2004
- UMM Andrew J. Kaufman Award for outstanding student, 2003
- UMM Tate Memorial Award for presentation of research at a professional conference, 2003
- UMM Bos Research Award for undergraduate research, 2002
- UMM Presidential Scholarship, 2000-2004
- Izaak Walton League Walter J. Breckenridge Chapter Scholarship, 2000-2004

### **TEACHING EXPERIENCE**

- 2006-08 – TA, Introduction to Geology Laboratory (CU)
- 2004 – TA, Evolution and Extinction (UW)
- 2003 – TA, Arctic Geology and Biology (UMM International Studies course taught in Sweden)
- 2003 – TA, Physical Geology (UMM)

### **INTERESTS AND ACTIVITIES:**

- UW Geoclub Field Trip Coordinator, 2005-06
- Competitive cyclist (USCF Cat. 1 cyclocross, Cat. 2 road, Expert mountain); member of the FORT Factory Cyclocross team and the University of Colorado – Boulder cycling team
- UMM Geology Department Student Representative, 2002-2004
- Head Instructor at UMM rock climbing wall, 2002-2004
- Co-President of UMM Outdoor Club, 2003-2004
- Competitive nordic skier, 1996-2005

### **AFFILIATIONS:**

Geological Society of America  
 American Geophysical Union  
 American Alpine Club  
 National Speleological Society  
 Colorado Scientific Society

### **REFERENCES:**

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