

# Ryan Shackleton

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## HIGHLIGHTS

Strong background in Alaskan field geology • Able to work independently on a detailed aspect of a collaborative research project • Familiar with cooperating with scientists of other disciplines • Enthusiasm for data analysis and computers • Extensive background in teaching and working with a team

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## EDUCATION

Master of Science, Geology expected graduation: August 2002  
University of Alaska, Fairbanks G.P.A. 4.0  
Thesis title: "The relationship between fracturing, asymmetric folding, and normal faulting in Lisburne Group carbonates: West Porcupine Lake Valley, northeastern Brooks Range, Alaska"  
Advisor: Dr. Catherine L. Hanks

Bachelor of Science, Geology May 1999  
University of the South, Sewanee, Tennessee G.P.A. 3.11

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## RELEVANT COURSEWORK

Advanced Structural Geology and Tectonics Geologic Evolution of Alaska  
Carbonate Petrology Sandstone Depositional Environments  
Field Geology Basic Geophysics  
Statistics & Data Analysis in Geology Wilderness First Responder

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## EXPERIENCE

Graduate Research Assistant: Geophysical Institute, UAF Summer 2000-present

- Conduct 1:25000 scale field mapping and collect detailed fracture data for UAF Master's thesis.
- Analyze field data in order to understand the relationship between fracturing, asymmetric folding, and normal faulting in Lisburne Group carbonates.
- Collaborate with stratigraphers, structural geologists, and petroleum engineers to understand the influence of folding and fracture development on reservoir behavior of the Lisburne Group of northern Alaska.

Graduate Teaching Assistant: UAF Field Geology course Summer 2001

- Train groups of up to five students to measure stratigraphic section, map geologic features in the field, and create coherent geologic maps.
- Assist in logistical aspects of field camp including creation of base maps, acquisition of field supplies, and transportation of students.

Graduate Teaching Assistant: Department of Geology and Geophysics, UAF Fall 1999-Spring 2001

- Teach and grade laboratory for courses in Introductory Geology, Structural Geology, and Sedimentary and Structural Geology for Petroleum Engineers.

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## HONORS & AWARDS

Allen Farmer Award for Excellence in Geology May 1999  
University of the South, Sewanee, Tennessee

B.P. Research Grant May 2000