

PHILLIP J. KERR

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340C TROWBRIDGE HALL

IOWA CITY, IA

EDUCATION

- University of Iowa**, Iowa City, IA August 2013
Bachelor of Science: Geoscience
- Major GPA: 3.30/4.00
 - Cumulative GPA: 3.13/4.00
 - Senior Theses: *Analysis of Welsh Slates*, and *Through a Woolly Lens: Reports from a Mammoth Excavation*

WORK EXPERIENCE

- Quaternary Geologist** May 2014—Present
Iowa Geological Survey, Iowa City, IA
- Researches Quaternary deposits around the state of Iowa and greater Mid-West
 - Creates surficial geological maps through USGS STATEMAP project
 - Analyzes geologic materials to produce well logs
 - Assists bedrock geologists in mapping efforts through USGS STATEMAP

- Head Lab Technician** March 2010—August 2013
University of Iowa Quaternary Materials Lab, Iowa City, IA
- Conducted particle size analysis research using the pipette method
 - Developed techniques to utilize Retsch Camsizer, which increased laboratory revenue by roughly 300%
 - Produced 5 in-house lab manuals
 - Analyzed samples from USGS, IGS, University of Iowa, and other locations

- Teaching Assistant,** August- December 2012
University of Iowa, Iowa City, IA
- Assisted with course Soil Genesis and Geomorphology
 - Conducted study sessions and lead outdoor laboratory groups

- Field Assistant, Seward, AK** June - August 2011
University of Iowa, Iowa City, IA
- Assisted Ph.D candidate with research on water movement through Exit Glacier
 - Set up GPR and guided machine on glacier surface
 - Helped install and measure outwash flow monitoring work

PUBLICATIONS

Kerr, P., Surine-Tassier, S., Streeter, M., Liu, H., & Clark, R. (2015). *Surficial Geology of the Orchard (Iowa) 7.5' Quadrangle* [map] 1:24,000. Iowa Geological Survey.

Kerr, P., Streeter, M., Surine-Tassier, S., Clark, R., & Liu, H. (2015). *Surficial Geology of the New Haven (Iowa) 7.5' Quadrangle* [map] 1:24,000. Iowa Geological Survey.

Tassier-Surine, S., Kerr, P., Streeter, M., Liu, H., & Clark, R. (2016). *Surficial Geology of Mitchell County* [map], 1:100,000 Iowa. Iowa Geological Survey.

Kerr, P., Tassier-Surine, S., Streeter, M., & Gannon, J.M., *Geologic Evaluation of the Buried Sand and Gravel Aquifers in Western Iowa*, , 2015, 39 p.,