

# Stanford

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## Jens-Erik Lund Snee

Ph.D. Student in Geophysics

 Curriculum Vitae available Online

### Bio

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#### HONORS AND AWARDS

- Gerald J. Lieberman Fellowship, Stanford University (2017–2018)
- Manus R. Foster Fellowship in Geophysics, Stanford University (2015)
- Third Place, Best Student Geologic Map Competition, Geological Society of America (2013)
- EdMap Research Grant, U.S. Geological Survey (2012–2013)
- Fulbright Fellowship, Study at University of Otago, New Zealand (2011)
- Albert Ripley Leeds Prize in Geology, Whitman College (2009)
- Honors in Geology Major, Whitman College (2009)
- Honors in Politics Major, Whitman College (2009)
- National Merit Scholar, Whitman College (2009)
- Phi Beta Kappa, Whitman College (2009)
- Summa Cum Laude, Whitman College (2009)

#### EDUCATION AND CERTIFICATIONS

- Ph.D. (in progress), Stanford University , Tectonic Geomechanics (2019)
- M.S., Stanford University , Structural Geology and Tectonics (2013)
- Fulbright Fellowship, University of Otago, New Zealand , Structural Geology (2011)
- B.A., Whitman College , Geology & Politics (Honors in majors), summa cum laude (2009)

#### LINKS

- Personal research website: <https://www.jenseriklundsnee.com>
- ResearchGate: [https://www.researchgate.net/profile/Jens\\_Erik\\_Lund\\_Snee](https://www.researchgate.net/profile/Jens_Erik_Lund_Snee)
- LinkedIn: <https://www.linkedin.com/pub/jens-erik-lund-snee/16/659/758>
- Academia.edu: <https://stanford.academia.edu/JensErikLundSnee>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Tectonophysics

Structural geology

Extensional tectonics

Global energy issues

## LAB AFFILIATIONS

- Mark Zoback, Stress and Crustal Mechanics Group (1/5/2015)
- Elizabeth Miller, Structural Geology and Tectonics (6/1/2010 - - 6/22/2013)

## Professional

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## WORK EXPERIENCE

- Exploration Geologist - Statoil (August 2013 - October 2014)
- Teaching Assistant - Stanford University (January 2012 - March 2013)
- Hydrologic Technician - U.S. Forest Service (August 2009 - February 2010)
- GeoCorps America Intern - Geological Society of America and U.S. Forest Service (June 2009 - August 2009)
- Water Conservation Intern - Aurora Water (utility) (7/1/2007 - 8/1/2007)

## Publications

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## PUBLICATIONS

- **State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity** *The Leading Edge*  
Lund Snee, J., Zoback, M. D.  
2018; 37 (2)
- **State of stress in Texas: Implications for induced seismicity** *GEOPHYSICAL RESEARCH LETTERS*  
Snee, J. L., Zoback, M. D.  
2016; 43 (19): 10208-10214
- **Cenozoic paleogeographic evolution of the Elko Basin and surrounding region, northeast Nevada** *Geosphere*  
Lund Snee, J., Miller, E. L., Grove, M., Hourigan, J. K., Konstantinou, A.  
2016; 12 (2): 1–37
- **State of stress in Texas: Implications for induced seismicity** *Geophysical Research Letters*  
Lund Snee, J., Zoback, M. D.  
2016: 7
- **Preliminary geologic map of Cenozoic units of the central Robinson Mountain volcanic field and northwestern Huntington Valley, Elko County, Nevada** *Nevada Bureau of Mines and Geology Open-File Report 15-2*  
Lund Snee, J., Miller, E. L.  
2015
- **Significance of brittle deformation in the footwall of the Alpine Fault, New Zealand: Smithy Creek Fault zone** *Journal of Structural Geology*  
Lund Snee, J., Toy, V. G., Gessner, K.  
2014; 64: 79–98

## PRESENTATIONS

- Initial Results from the Stress Map of Texas Project - American Geophysical Union Fall Meeting (December 15, 2015)
- Cenozoic Volcanism, Faulting, and Basin Development in the Eastern Piñon Range and Central Huntington Valley, Elko County, Nevada - Geological Society of Nevada 2015 Symposium (May 19, 2015)
- The William Smith Map at Stanford Bicentennial Celebration - Stanford School of Earth Sciences (March 31, 2015)
- Predicting overpressure using basin modeling software - Stanford Basin and Petroleum System Modeling Affiliates Meeting (November 5, 2015)
- Preliminary Results from the New Stress Map of Texas Project - Stanford Center for Induced and Triggered Seismicity (October 15, 2015)

- Launching the New Texas Stress Map Project - Stanford Rock and Borehole Geophysics Project (June 19, 2015)
- State of stress in Texas: Implications for induced seismicity - State of Stress in the Earth, Center for Nonlinear Studies, Los Alamos National Lab (October 19, 2016 - October 21, 2016)