

Stanford



Alexander Blanchette

Ph.D. Student in Geophysics

Bio

HONORS AND AWARDS

- Top Graduating Senior in Physics, New Mexico State University (2014)
- Member, Sigma Pi Sigma Physics Honor Society (2013)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, American Geophysical Union (2013 - present)
- Member, Society of Exploration Geophysicists (2014 - present)
- Collaborator, United States Geological Survey (2014 - present)

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, New Mexico State University , Physics and Applied Mathematics with Honors (2014)

Research & Scholarship

LAB AFFILIATIONS

- Simon Klemperer, Crustal Geophysics (7/1/2014)

Professional

WORK EXPERIENCE

- Undergraduate Research Assistant - New Mexico State University (June 1, 2012 - June 1, 2014)

Publications

PUBLICATIONS

- **Two-stage Red Sea rifting inferred from mantle earthquakes in Neoproterozoic lithosphere** *EARTH AND PLANETARY SCIENCE LETTERS*
Blanchette, A. R., Klemperer, S. L., Mooney, W. D., Zahran, H. M.
2018; 497: 92–101
- **Lg attenuation in northeast China using NECESSArray data** *Geophysical Journal International*
Ranasinghe, N. R., Gallegos, A. C., Trujillo, A. R., Blanchette, A. R., Sandvol, E. A., Ni, J., Hearn, T. M., Tang, Y., Grand, S. P., Niu, F., Chen, Y. J., Ning, J., Kawakatsu, et al
2015; 200 (1): 67-76