



IRIS Intern Presentations at the 2017 AGU Fall Meeting



Student, Institution	Mentor, Institution	Project	Session
Travis Alongi, University California Santa Cruz	Dr. Donna Blackman, Scripps Institution of Oceanography	Refining the Tonga Slab Geometry Using Slab Phases of Seismic Waves	DI51C-0320
Juan Acevedo, Texas A&M University	Dr. Kelly Liu, Missouri University of Science and Technology	Seismic Anisotropy beneath Alaska Constrained by Shear Wave Splitting Analysis	DI43B-0359
Alexandra Allen, Maine Maritime Academy	Dr. Xiaowei Chen, University of Oklahoma	Source Parameters and Rupture Directivities of Earthquakes Within the Mendocino Triple Junction	S31C-0827
James Atterholt, Indiana University	Dr(s). Ting Chen and Cathy Snelson, Los Alamos National Laboratory under	Attenuation Model Using the Large-N Array from the Source Physics Experiment	S33A-0840
Jonah Bartrand, University of Idaho	Dr. Rob Abbott, Sandia National Labs	Using Co-located Rotational and Translational Ground-Motion Sensors to Characterize Seismic Scattering in the P-Wave Coda	S21A-0691
Shane Cronin, University of Montana	Dr. Whitney Trainor- Guitton, Colorado School of Mines under	Integration of DAS (distributed acoustic sensing) vertical seismic profile and geostatistically modeled lithology data to characterize an enhanced geothermal system.	H43E-1693
Claire Doody, University of Chicago	Dr. David Wilson, Albuquerque Seismological Labratory	Effects of Thermal Variability on Broadband Seismometers: Controlled Experiments, Observations, and Implications	S11C-0610
Gabriel Ferragut, North Dakota State University	Dr. Simon Klemperer, Stanford University	Significant Variation of Post-critical SsPmp Amplitude as a Result of Variation in Near-surface Velocity: Observations from the Yellowstone Array	S31B-0808
Anant Hariharan, Cornell University	Dr(s). Pritwiraj Moulik & Vedran Lekic, University of Maryland, College Park	Probing Mantle Heterogeneity Across Spatial Scales	DI31A-0389



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Liam Kenefic, University of New Hampshire	Dr. Sue Bilek, New Mexico Tech	Detection of Repeating Earthquakes within the Cascadia Subduction Zone Using 2013-2014 Cascadia Initiative Amphibious Network Data	T51E-0532
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Alexis Klimasewski, University of Rochester	Dr. Valerie Sahakian, USGS - Menlo Park	Path spectra derived from inversion of source and site spectra for earthquakes in Southern California	S41B-0754
Claire Richardson, University of Nebraska- Lincoln	Dr. Hrvoje Tkalčić, The Australian National University	Transdimensional Bayesian tomography of the lowermost mantle from shear waves	DI31A-0384
Theresa Sawi, University of California, Berkeley	Dr. Heather DeShon, Southern Methodist University	Imaging fault structure using cross-correlation and relative earthquake location from the IRIS Wavefields community dataset in Oklahoma	S23C-0833
Brittany Washington, Rutgers University, Newark	Dr(s). Vedran Letic and Nick Schmerr, University of Maryland, College Park	Characterizing the Seismic Ocean Bottom Environment of the Bransfield Strait	S21C-0734