



IRIS Intern Presentations 2018 AGU Fall Meeting



Student, Institution	Mentor, Institution	Project	Session
Albert Aguilar, Universidad Nacional de Colombia	Marine Denolle, Harvard University	A Decade of Seismicity in the Shallow Subduction Zone of Nicaragua-Costa Rica	T41G-1656
Brianna Birkel, University of Washington	Simon Klemperer, Stanford University	Searching for Brittle-Failure Earthquakes in the Mantle Lithosphere beneath Harrat Rahat, Saudi Arabia	V13D-2977
Sydney Dybing, Washington University in St. Louis	Adam Ringler, Albuquerque Seismological Laboratory	Characterizing Wind Noise and Spatial Variability on Near- Surface Broadband Seismometers	S51D-1569
William Frazer, Binghamton University	Gabi Laske, Scripps Institute of Oceanography	Surface-wave arrival angles and wave-propagation effects at the USArray Transportable Array	S31C-1611
Hannah Goldberg, Case Western Reserve University	Ellen Syracuse, Los Alamos National Laboratory	Determining the Cause and Nature of Anomalous Rayleigh Wave H/V Ratio Measurements in Southern California	S13C-2583
Mariana Gómez Ospina, Universidad Nacional de Colombia	Amanda Thomas, University of Oregon	Multinomial logistic regression applied to identify tectonic tremor in Northern South America by using the Colombian National Seismic Network	S11E-1065
Alan Horton, University of California, Riverside	Erica Emry, New Mexico Tech	Mantle transition zone beneath West Antarctica: Expanded mapping in previously unstudied region	DI31C-0607
Dorothy Linneman, Scripps College	Hunter Knox, Sandia National Laboratories	The EGS Collab Hydrofracture Experiment at the Sanford Underground Research Facility – Campaign Cross-Borehole Seismic Characterization	H11Q-0673



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Katherine Lutz, Yale University	Natalie Accardo, Penn State University	Constraints on Ridge-to-Valley Critical Zone Structure from the Susquehanna Shale Hills Critical Zone Observatory	NS41B-1157
Lauren Neldner, Rollins College	Colleen Dalton, Brown University	Measuring Rayleigh wave phase velocity in Alaska from ambient seismic noise	S31C-1606
Tara Nye, Brigham Young University	Kate Allstadt, USGS	Advanced Ground Motion Characterization in ShakeMap Modeling Energy-Related Ground Motion Parameters	S33E-3564
James Pippin, Fort Valley State University	Tolulope Olugboji, University of Rochester	Hunting for Anisotropic Layering within Cratonic Lithosphere using Multi-Frequency Harmonic-Order Stacks of Receiver Functions	DI51B-0586
Joey Renzaglia, University of South Carolina	Natalie Accardo, Penn State University	Constraints on Valley Structure from Two Seismic Refraction Lines in the Susquehanna Shale Hills Critical Zone Observatory	NS41B-1158
Julia Rosenblit, Portland State University	Heather DeShon, Southern Methodist University	Onset Time of Possibly-Induced Seismicity in the Delaware Basin, West Texas	S23A-3105
Harrison Schumann, Southern Methodist University	Zhigang Peng, Georgia Tech	Repeating Aftershocks Following the 2013 Mw 6.6 Lushan Earthquake	T33F-3835
David Small, UC Santa Cruz	Heather Ford, UC Riverside	Characterizing Australian lithospheric anisotropy with Ps receiver function analysis	DI51B-0591
Mitchell Spangler, Indiana University	Zhigang Peng, Georgia Tech	Remotely Triggered Seismicity in Northeast China Following the 2008 Mw7.9 Wenchuan Earthquake Detected by the Matched Filter Technique	S33C-3541