



IRIS Intern Presentations at the 2019 Fall AGU



Student, Institution	Mentor, Institution	Project	Session
Brink, Trey	Dr. Tolulope Olugboji - University of Rochester	Seismic Signature of Highly Resistive South-Eastern North American Lithosphere	T21G-0427
Brown, Cameron	Dr Lauren Waszek - Australian National University under	Slab Stagnation in Australasia, and Why Convecting Material Becomes Trapped in the Mid Mantle	S13C-0441
Czech, Theresa	Dr. Alex Hutko - University of Washington under	Seismic Velocity Structure and Ground Motion Amplification in the Seattle and Tacoma Sedimentary Basins	S11D-0379
Dabney, Page	Dr. Heather Ford - University of California, Riverside	An Updated Analysis of Australian Lithospheric Structure Using Sp Receiver Functions	T21G-0436
Davidson, Ben	Dr. Colleen Dalton - Brown University	Shear Wave Velocity Structure Beneath Alaska from Rayleigh Wave Amplification and Phase Velocity	T41F-0305
Estrada, Lucas	Dr(s). Kasey Aderhold & Rick Aster - IRIS/Colorado State University	Characterizing Sea Ice Modulations of Seismic Noise using the Alaska Transportable Array	S23D-0660
Fintel, Alysa	Dr. Lindsay Worthington-University of New Mexico	Using Local Seismicity Recorded on Large-N Array to Identify Reflections off the Mid-Crustal Socorro Magma Body in the Rio Grande Rift	S21H-0613
Gardner, Christyna	Dr. Ross Maguire - University of Maryland	Constraining the Properties of a Subglacial Lake in Northwest Greenland with Active Source Seismology	NS11B-0631
Given, Paige	Dr. Kelly Liu - Missouri University S&T	Analysis of Seismic Azimuthal Anisotropy for Lithospheric Structure and Dynamics near the New Madrid Seismic Zone	S41D-0562
Moser, Liam	Dr. Tolulope Olugboji - University of Rochester	Africa's Lithospheric Structure from R-Vp Stacking of Receiver Functions	T21G-0424



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Ries, Rosie	Dr. Rob Abbott - Sandia National Labs	Analyzing Microseismicity Triggered by the DAG-2 Chemical Explosion Using Fiber Optic DAS Data	S11E-0406
Scholz, Kathryn	Dr. Kelly Liu - Missouri University S&T	Investigating Seismic Anisotropy below the Central Midwest by Shear Wave Splitting Analysis	S41D-0564
Slivicki, Steve	Dr. Lee Liberty - Boise State University	Seismic characterization of the Seattle fault deformation front: hazard implications for downtown Seattle, Washington	S33E-0632
Ruiz, Mario	Dr. Cynthia Ebinger - Tulane University	Crustal velocity changes during 2018 Sierra Negra volcanic eruption, Galápagos, using ambient noise	V43B-05
Vazquez Caamal, Miriam Lizzeth	Dr. Diego Melgar - University of Oregon	Simulating the tsunami of the great 1787 M8.6 earthquake on the Mexican Pacific coast: implications for present day hazards	NH43F-0998