

Curriculum Vitae

Aibing Li

Dept. of Earth & Atmospheric Sciences
University of Houston
4800 Calhoun Rd.
Houston, TX, 77204

Tel: 713-743-2878
Email: ali2@uh.edu
Fax: 713-7434544
URL: <http://www.geosc.uh.edu>

Education

- PhD in geophysics, Brown University, Rhode Island, USA 2000
- MS in geophysics, Inst. of Geophysics, SSB, Beijing, China 1991
- BS in geophysics, Beijing University, China 1988

Research Interests

- Stability and evolution of continental lithosphere
- Seismic anisotropy and discontinuities
- Surface wave signal processing and tomography
- Seismic inversion techniques
- Microseismic imaging and application
- Induced earthquakes and earthquake prediction
- Low frequency seismic events

Professional Appointments

2014-present Professor, Department of Earth and Atmospheric Sciences, UH
2008-2014 Associate Professor, Department of Earth & Atmospheric Sciences, UH
2003-2008 Assistant Professor, Department of Geosciences, UH
2000-2002 Postdoctoral Scholar, Department of Geology and Geophysics, Woods Hole Oceanographic Institution
1995-2000 Graduate Research Assistant, Department of Geological Sciences, Brown University
1991-1995 Assistant Scientist, Institute of Geophysics, Academia Sinica, Beijing
1988-1991 Graduate Research Assistant, Institute of Geophysics, State Seismological Bureau, Beijing, China

Teaching

2003-present, Dept. of Earth & Atmospheric Sciences, University of Houston

- Earthquakes (GEOL3334 and GEOL4379)
- Seismic Wave and Ray Theory (GEOL7333)
- Seismic Inversion (GEOL7322)
- Introduction to Geophysics (GEOL 4330 and GEOL6397)
- Seismic Analysis Code (GEOL6397)
- Microseismic Geology and Geophysics (GEOL6397)

Professional Affiliation

- American Geophysical Union
- Geological Society of America
- Society of Seismology Association
- Society of Exploration Geophysics

Professional and Administrative Service

- Graduate advisor in geophysics (2007-2016)
- Faculty senator (2013- 2015)
- PASSCAL standing committee (2007-2009)
- SEG Technical program committee (2009)
- USArray Transportable Array working group (2006-2007)
- Departmental committees
 - Material committee (2004-2005)
 - Award and scholarship committee (2007-present)
 - Ph.D. exam committee (geology, 2004-2005, 2006-2007)
 - Ph.D. exam committee (geophysics, 2006-2016)
 - Graduate curriculum committee (2008-2016)
 - Undergraduate curriculum committee (2008-present)
 - P & T committee (2014-2015)
 - Personal committee (2014-2015)
 - Search committees:
 - Seismologist (Physics department), 2005
 - Structure geologist, 2005-2006
 - Atmosphere scientist, 2006-2007
 - Seismologist 1, 2006-2007
 - Seismologist 2, 2007-2008
 - Geodynamicist, 2007-2008
 - Position in remote sensing, 2010-2011
 - Marine geophysicist, 2011-2012
 - Exploration geophysicist, 2012-2013
 - Geodynamicist 2013-2014
 - Rock Physicist 2015-2016
 - Geophysicist in potential fields, 2016-2017
- Reviewer for Journal of Geophysical Research, Geophysical Research Letters, Geophysical Journal International, Tectonophysics, G-Cube, Earth and Planetary Science Letters, Surveys in Geophysics, Soil Dynamics, AGU books, and SEG abstracts.
- Reviewer for NSF and CRDF

Honors

- Faculty Early Career Development Award, National Science Foundation, 2006.
- Joukowsky Outstanding Dissertation Award, Brown University, 2001.
- Postdoctoral Scholarship, Woods Hole Oceanographic Institution, 2000.
- Charles Wilson Brown Fellowship, Brown University, 2000.

- Outstanding Student Paper Award, Seismology Section, AGU Fall Meeting, 1999.

Funded Projects:

- Investigation of long-period seismic events during hydraulic fracturing, EAS, University of Houston, \$8000, 6/1/2017-5/31/2018.
- Collaborative Research: Investigating lithospheric evolution beneath the southern and northeastern United States, NSF EarthScope Program, \$159,923, 6/1/2016-5/31/2018.
- Risk assessment and advance warning for landslides in Brazil, SEG Foundation, Geoscientists Without Borders, \$100,000, August, 2011- July 2014.
- Collaborative Research: Geodynamic solutions for seismic observations of Iceland hotspot-ridge interaction, NSF, Geophysics and Marine Geology and geophysics programs, \$152,000, 5/1/2009-4/30/2012.
- Collaborative Research: The Growth of the Tibetan Plateau - A Seismic Investigation of the Qilian Shan and Surrounding Tectonic Blocks, NSF, Geophysics program, \$120,527 to UH, 5/1/2008-4/20/2011, (PI).
- CAREER: Integrating seismic constraints on continental upper mantle, NSF, Geophysics and EarthScope programs, \$450,712, 06/01/2007-05/30/2014, (PI).
- Modeling seismic anisotropy in 3-D media and a case study in Iceland, NSF, Geophysics Program, \$30,000, 07/01/2005-06/30/2007, (PI).
- Constraining 3-D shear-wave velocity and anisotropy structure beneath the Tien Shan from shear-wave splitting and surface wave tomography, NSF Geophysics Program, \$121,364, 5/1/2006-4/30/2008, (PI).
- Collaborative research: Multidisciplinary investigations of structure and deformation beneath southern Africa, NSF Geophysics Program, \$74,781, 01/01, 2003 to 12/31/2004.
- Collaborative research: Constructing self-consistent seismological and geodynamic models of the Iceland mantle plume, NSF Marine Geology and Geophysics, \$83,821, 1/15/2002-12/31/2003.

Graduate & Post Doctoral Sponsor: Karen M. Fischer and Donald W. Forsyth, Brown University; Robert S. Detrick, Woods Hole Oceanographic Institution

PhD Dissertation Advisees:

Ching-Wen Chen	2011	(Nobel Energy, Houston)
Lun Li	2013	(ION Geophysical, Houston),
Arianna Lisi	2014	(National Institute of Geophysics and Volcanology, Italy)
Duo Yuan	2016	(China National Petroleum Corporation, Beijing, China)
Riddhi Dave	2017	(Stanford University)
Olufemi Akanbi	2017	(ION Geophysical, Houston),
Yao Yao	2017	(University of Houston)

MS Thesis Advisees: Jorge Garcia, Shuqin Ma, Kenny Lew (URI), Laura Azevedo, Xu Wang (CGG), Duo Yuan (CNPC), Yao Yao (UH), and Xixi Wang (Microseismic Inc.), Hongru Hu (UH)

BS Thesis Advisee: Bongani Mashele, Karissa Pepin

Postgraduate Advisees (Last five years):
Yuanyuan Fu, China Earthquake Administration

Current Ph.D. students: Hongru Hu, Aleksandar Jeremic, Zhongmin Tao,

Current M.S. students: Ying Zhang

Papers (* students or postdoc)

- Jing, H., H. Zhou, and A. Li, Micro-earthquake in west Texas: induced or not? GSH Journal, Geophysical Society of Houston, Vol. 8, No. 4, 2017.
https://www.gshtx.org/publications/GSH_Journal/2017_December.aspx
- Hu*, H., A. Li, and R. Zavala-Torres, Long-period long-duration seismic events during hydraulic fracturing: implications for tensile fracture development, *Geophys. Res. Lett.*, 44, doi:10.1002/2017GL073582, 2017.
- Fu, Y. V., Y. Gao, A. Li, L. Li, and A. Chen Lithospheric structure of the southeastern margin of the Tibetan Plateau from Rayleigh wave tomography, *J. Geophys. Res. Solid Earth*, 122, 4631–4644, doi:10.1002/2016JB013096, 2017.
- Yuan*, D. and A. Li, Joint inversion for anisotropic velocity model and event locations using S-wave splitting measurements from downhole microseismic data, *Geophysics*, Vol 82, No. 3, P. C133-C143, doi: 10.1190/GEO2016-0221.1, 2017.
- Yuan*, D. and A. Li, Determination of microseismic event azimuth from S-wave splitting analysis, *J. Appl. Geophys.*, 137, 145-153, doi:10.1016/j.jappgeo.2016.12.008, 2017.
- Yao*, Y., and A. Li, Lithospheric velocity model of Texas and implications for the Ouachita orogeny and the opening of the Gulf of Mexico, *Geophys. Res. Lett.*, 43, 12,046–12,053, doi:10.1002/2016GL071167, 2016.
- Fu, Y., Y. Gao, A. Li, L. Li, Y. Shi and Y. Zhang, Origin of intraplate volcanism in northeast China from Love wave constraints, *J. Geophys. Res.*, 121, 8099-8122, doi:10.1002/2016JB013305, 2016.
- Li*, L., A. Li, M. A. Murphy, and Y. V. Fu, Radial anisotropy beneath northeast Tibet, implications for lithosphere deformation at a restraining bend in the Kunlun fault and its vicinity, *Geochem. Geophys. Geosyst.*, 17, doi:10.1002/2016GC006366, 2016.
- Dave*, R. and A. Li, Destruction of the Wyoming craton: seismic evidence and geodynamic processes, *Geology*, doi:10.1130/G38147.1, 2016.
- Jing, H., H. Zhou, and A. Li, Quantification of the Impact of Seismic Anisotropy in Microseismic Location. *Int. J. Geosci.*, 7, 884-890. doi: 10.4236/ijg.2016.77065, 2016.
- Akanbi*, O. and A. Li, Upper mantle layering beneath the southwestern United States from S receiver functions, *Tectonophysics*, 677-678, 153-159, <http://dx.doi.org/10.1016/j.tecto.2016.03.040>, 2016.
- Fu, Y. Gao, Y., A. Li, Lu, L., Y. Shi, and Y. Zhang, The anisotropic structure in the crust in the northern part of North China from ambient seismic noise tomography, *Geophys. J. Int.*, 204, 1649-1661, doi:10.1093/gji/ggv549, 2016.
- Fu*, Y., Gao, Y., A. Li, and Y. Shi, Lithospheric shear wave velocity and radial anisotropy beneath the northern part of North China from surface wave dispersion analysis, *Geochem. Geophys. Geosyst.*, 16, 2619-2636, doi:10.1002/2015GC005825, 2015.

- Li, A., and L. Li*, Love wave tomography in southern Africa from a two-plane-wave inversion method, *Geophys. J. Int.*, 202, 1005-1020, doi:10.1093/gji/ggv203, 2015.
- Ito, G., Dunn, R., and A. Li, The origin of shear wave splitting beneath Iceland, *Geophys. J. Int.*, doi: 10.1093/gji/ggv078, 2015.
- Fu*, Y., and A. Li, Crustal shear wave velocity and radial anisotropy beneath the Rio Grande rift from ambient noise tomography, *J. Geophys. Res.*, 120, 1005–1019, doi:10.1002/2014JB011602, 2015.
- X. Li, H. Li, Y. Shen, M. Gong, D. Shi, E. Sandvol, and A. Li, Crustal velocity structure of the northeastern Tibetan Plateau from ambient noise surface-wave tomography and its tectonic implications, *Bull. Seism. Soc. Am.*, Vol. 104, No. 3, pp. 1045–1055, doi: 10.1785/0120130019, 2014.
- Ito, G., R. Dunn, A. Li, C. J. Wolfe, A. Gallego, and Y. Fu, Seismic anisotropy and shear wave splitting associated with mantle plume-plate interaction, *J. Geophys. Res.*, 119, 4923–4937, doi:10.1002/2013JB010735, 2014.
- H. Li, Y. Shen, Z. Huang, X. Li, M. Gong, D. Shi, E. Sandvol, and A. Li, The distribution of the mid-to-lower crustal low-velocity zone beneath the northern Tibetan Plateau revealed from ambient noise tomography, *J. Geophys. Res.*, 119, doi:10.1002/2013JB010374, 2014.
- Li*, L., A. Li, Y. Shen, E. Sandvol, D. Shi, H. Li, and X. Li, Shear wave structure in the northeastern Tibet plateau from Rayleigh wave tomography, *J. Geophys. Res.*, 118, doi:10.1002/jgrb.50292, 2013.
- Fu*, Y., A. Li, G. Ito, and S.-H. Hung, Waveform modeling of shear wave splitting from anisotropic models in Iceland, *Geochem. Geophys. Geosyst.*, 13, doi:10.1029/2012GC004369, 2012.
- Chen*, C. and A. Li, Shear wave structure in the Grenville Province beneath the lower Great Lakes region from Rayleigh wave tomography, *J. Geophys. Res.*, 117, doi:10.1029/2011JB008536, 2012.
- Li, A., Shear wave model of southern Africa from regional Rayleigh wave tomography with 2-D sensitivity kernels, *Geophys. J. Int.*, doi: 10.1111/j.1365-246X.2011.04971.x, 2011.
- Fu*, Y., Y. Chen, and A. Li, Seismic anisotropy beneath the Chinese mainland, *Earthquake Sci.*, 23, 583-595, doi:10.1007/S11589-010-0758-y, 2010.
- Fu*, Y., A. Li, and Y. Chen, Crustal and upper mantle structure of southeast Tibet from Rayleigh wave tomography, *J. Geophys. Res.*, 115, B12323, doi:10.1029/2009JB007160, 2010.
- Li, A., and B. Mashele*, Crustal structure in the Pakistan Himalayas from teleseismic receiver functions, *Geochem. Geophys. Geosyst.*, doi:10.1029/2009GC002700, 2009.
- Shi, D., Y. Shen, W. Zhao, and A. Li, Seismic evidence for a Moho offset and south-directed thrust at the easternmost Qaidam-Kunlun boundary in the northeastern Tibetan Plateau, *Earth. Planet. Sci. Lett.*, 288, 329-334, doi:10.1016/j.epsl.2009.09.036, 2009
- Miller, M. S., A. Levander, F. Niu, and A. Li, Upper mantle structure beneath the Caribbean-South American plate boundary from surface wave tomography, *J. Geophys. Res.*, 114, B01312, doi:10.1029/2007JB005507, 2009.

- Yang, Y., A. Li, and M. H. Ritzwoller, Crustal and uppermost mantle structure in southern Africa revealed from ambient noise and teleseismic tomography, *Geophys. J. Int.*, 174, 235-248, 2008.
- Fu*, Y., Y. Chen, A. Li, and six others, Indian mantle corner flow in southern Tibet revealed from shear wave splitting measurements, *Geophys. Res. Lett.*, 35, doi:10.1029/2007GL031753, 2008.
- Li, A. and C. Chen*, Shear-wave splitting beneath the central Tien Shan and tectonic implications, *Geophys. Res. Lett.*, 33, doi: 10.1029/2006GL027717, 2006.
- Li, A. and K. Burke, Upper mantle structure of southern Africa from Rayleigh wave tomography, *J. Geophys. Res.*, 111, B10303, doi:10.1029/2006JB004321, 2006.
- Li, A. and R.S. Detrick, Seismic structure of Iceland from Rayleigh wave inversions and geodynamic implications, *Earth Planet. Sci. Lett.*, Vol 241, 901-912, 2006.
- Li, A., D.W. Forsyth and K.M. Fischer, Rayleigh wave constraints on shear-wave structure and azimuthal anisotropy beneath the Colorado Rocky Mountains, in *The Rocky Mountain Region: An Evolving Lithosphere*, edited by K.E. Karlstrom and G.R. Keller, pp.385-401, Geophysical Monograph 154, AGU. Washington DC 2005.
- Forsyth, D.W., and A. Li, Array-analysis of two-dimensional variations in surface wave phase velocity and azimuthal anisotropy in the presence of multipathing interference, in *Seismic Earth: Array Analysis of Broadband Seismograms*, edited by A. Levander and G. Nolet, pp81-98, Geophysical Monograph 157, AGU. Washington DC 2005.
- Fischer, K. M., A. Li, D. W. Forsyth, and S. Hung, Imaging three-dimensional anisotropy with broadband seismometer arrays, in *Seismic Earth: Array Analysis of Broadband Seismograms*, edited by A. Levander and G. Nolet, pp99-116, Geophysical Monograph 157, AGU. Washington DC 2005.
- Li, A., and R. Detrick, Azimuthal anisotropy and phase velocity beneath Iceland: implication for plume-ridge interaction, *Earth Planet. Sci. Lett.*, Vol 214, 1-2, 153-165, 2003.
- Li, A., D. W. Forsyth and K. M. Fischer, Shear velocity structure and azimuthal anisotropy beneath eastern North America from Rayleigh wave inversion, *J. Geophys. Res.*, 108, B8, 2362, 10.1029/2002JB002259, 2003.
- Li, A., D. W. Forsyth and K. M. Fischer, Evidence for shallow isostatic compensation of the southern Rocky Mountains from Rayleigh wave tomography, *Geology*, 30, 683-686, 2002.
- Li, A., K. M. Fischer, S. van der Lee, and M. E. Wysession, Crust and upper mantle discontinuity structure beneath eastern North America, *J. Geophys. Res.*, 107, 10.1029/2001JB000190, 2002.
- Li, A., K. M. Fischer, M. E. Wysession and T. J. Clarke, Mantle discontinuities and temperature under the North American continental keel, *Nature*, 395, 160-163, 1998.
- Wysession, M. E., K. M. Fischer, T. J. Clarke, G. I. Al-eqabi, M. J. Fouch, P. J. Shore, R. W. Valenzuela, A. Li, and J. M. Zaslow, Slicing into the Earth, *Eos Trans. AGU*, 77(48), 477-482, 1996.
- Li, A., Ma, L. Y., and Zhao, Y. X., Wave velocity and quality factor Q in sandstone with pore fluid, *ACTA, Geophysica Sinica*, 38, 288-294, 1995.

- Li, A. and Ma, L. Y., Effects of frequency and temperature on shear wave velocity and Q_s in sandstone, *ACTA, Geophysica Sinica*, 37, 653-658, 1994.
- Zang, S., Z. Wu, and A. Li, 1991, Seismicity and stress state in the South China Sea, Indochina and their vicinity, *Seismological ACTA*, 13, 129-138.

Conference Abstracts

- Li, A., R. Dave, and Y. Yao, Crust and mantle deformation revealed from high-resolution radially anisotropic velocity models, Fall AGU meeting, New Orleans, Dec. 2017
- Tao, Z., A. Li, and Y. Yao, Shear wave velocity structure beneath eastern North America from Rayleigh wave tomography, Fall AGU meeting, New Orleans, Dec. 2017
- Yao, Y. and A. Li, Rayleigh and Love wave phase velocities in the Northern Gulf Coast of the United States, Fall AGU meeting, New Orleans, Dec. 2017
- Zhang, Y. and A. Li, Crustal structure beneath Alaska from receiver functions, Fall AGU meeting, New Orleans, Dec. 2017
- Jing, H., H. Zhou, and A. Li, Micro-earthquakes in west Texas: induced or not? SEG Technical Program Expanded Abstracts 2017: pp. 5350-5355. doi.org/10.1190/segam2017-17749188.1, 2017.
- Li, A., H. Hu, D. Yuan, and R. Zavala-Torres, Imaging fractures beyond conventional microseismic data and methods, SEG Workshop on Microseismic Technologies & Applications, HeFei, China, 2017
- Hu, H. and A. Li, Identification and analysis of long duration low frequency events from microseismic data, Fall AGU meeting, San Francisco, Dec. 2016
- Dave, R. and A. Li, Shear wave velocity and radial anisotropy beneath the Wyoming craton: craton destruction and lithospheric layering, Fall AGU meeting, San Francisco, Dec. 2016
- Li, A. and R. Dave, Destroying a craton by plate subduction, small-scale convection, and mantle plume: comparison of the Wyoming craton and the North China craton, Fall AGU meeting, San Francisco, Dec. 2016
- Yao, Y. and A. Li, Shear wave structure beneath Texas and its implication for the opening of the Gulf of Mexico, Fall AGU meeting, San Francisco, Dec. 2016
- Pepin, K., A. Li, and Y. Yao, Rayleigh wave phase velocities in Alaska from ambient noise tomography, Fall AGU meeting, San Francisco, Dec. 2016
- Yuan, D., A. Li, and R. Stewart, Joint inversion for anisotropic velocity model and event locations using S-wave splitting measurements from downhole microseismic data, SEG, Oct. 16-21, Dallas, TX, 2016
- Yuan, D. and A. Li, Determination of Microseismic Event Back-Azimuth From S-Wave Splitting Analysis, SEG, Oct. 16-21, Dallas, TX, 2016
- Ito, G., Dunn, R., and A. Li, The origin of shear wave splitting beneath Iceland, EGU meeting, EGU2016, EGU2016-9555, Vienna, Austria, April 12-17, 2016
- Dave, R. and A. Li, Ongoing erosion of the Wyoming cratonic lithosphere revealed by seismic velocity, Seismology Student Workshop, Lamont-Doherty Earth Observatory, Columbia University, NY, March 17-18, 2016

- Jing, H., H. Zhou, and A. Li, Quantification of the impact of seismic anisotropy in microseismic location, Fall AGU meeting, San Francisco, Dec. 2015.
- Akanbi, O. and A. Li, Mapping seismic discontinuities in the crust and upper mantle beneath the southwestern United States from S-receiver functions, Fall AGU meeting, San Francisco, Dec. 2015.
- Li, A., Li, L., M. Murphy, and O. Akanbi, Radial anisotropy in the lithosphere and asthenosphere beneath the northeastern Tibetan Plateau, Fall AGU meeting, San Francisco, Dec. 2015
- Fu, Y., Gao, Y., A. Li, Lu, L., Y. Shi, and Y. Zhang, Lithosphere structure of the northern part of North China from surface wave dispersion analysis, EGU meeting, EGU2015-4439, Vienna, Austria, April 12-17, 2015
- Yao, Y. and A. Li, Shear wave structure in the lithosphere of Texas from ambient noise tomography, Fall AGU meeting, San Francisco, Dec. 2014.
- Lisi, A. and A. Li, Shear-wave structure in the crust and upper mantle beneath the central Tien Shan from surface wave tomography, EGU meeting, EGU2014-12941, Vienna, Austria, April 27 – May 02, 2014.
- Li, A., L.C. Azevedo, Y. Fu, and D. Yuan, Shear wave velocity model in Iceland from ambient noise and teleseismic Rayleigh wave tomography, Fall AGU meeting, DI33B-2247, San Francisco, 2013.
- Ito, G., Y. Fu, A. Li, and R. Dunn, The Origin of Shear-Wave Splitting Observations on Iceland, Fall AGU meeting, DI21C-05, San Francisco, 2013.
- Dave, R. and A. Li, Shear wave structure in the crust and upper mantle beneath the Wyoming craton, Fall AGU meeting, T23B-2589, San Francisco, 2013.
- Li, H., Y. Yang, Z. Huang, M. Gong, X. Li, Y. Shen, D. Shi, E. Sandvol, A. Li, No crustal material flow through the northeast corner of the Tibetan Plateau into the Ordos Basin, Fall AGU meeting, San Francisco, 2012.
- Li, X. H. Li, Y. Shen, D. Shi, E. Sandvol, A. Li, Crustal Velocity Structure in Northeastern Tibet and its Tectonic Implications, Fall AGU meeting, San Francisco, 2012.
- Li, A. and L. Li, The lithosphere-asthenosphere boundary beneath southern Africa from surface wave tomography Fall AGU meeting, San Francisco, 2012.
- Li, L. and A., Radial anisotropy in the northeastern Tibetan Plateau from surface wave tomography, Fall AGU meeting, San Francisco, 2012.
- Li, L., A. Li, Y. Shen, E. Sandvol, D. Shi, H. Li, and X. Li, Rayleigh wave tomography in the northeastern Tibetan Plateau, IRIS Workshop, Boise, Idaho, 2012.
- Fu, Y., A. Li, G. Ito, and S. Hung, Waveform modeling of shear wave splitting in Iceland, Fall AGU meeting, San Francisco, 2011.
- Ito, G., R. Dunn, Y.V. Fu, A. Gallego, A. Li, and C. J. Wolfe, Mantle flow and Seismic Anisotropy Associated with Plume-Plate Interaction, Fall AGU meeting, San Francisco, 2011.
- Li, A., and Y. Fu, Shear wave velocity and radial anisotropy along the Rio Grande rift, Fall AGU meeting, San Francisco, 2011.
- Li, L., A. Li, Y. Shen, E. Sandvol, D. Shi, H. Li, and X. Li, Rayleigh wave tomography in northeastern Tibet, Fall AGU meeting, San Francisco, 2011.

- Du, Y., E. Sandvol, D. Shi, H. Li, X. Li, A. Li, H. Yue, Y. Shen, S-wave Receiver Function study in Northeast Tibet and adjacent boundaries, Fall AGU meeting, San Francisco, 2011.
- Joseph, K. and A. Li, Lithosphere structure beneath Yellowstone and Wyoming craton, EarthScope meeting, Austin, TX, 2011.
- Fu, Y. and A. Li, Radial anisotropy in the Rio Grande Rift from ambient noise tomography, EarthScope meeting, Austin, TX, 2011
- Li, A., Shear wave model of southern Africa from regional Rayleigh wave tomography with 2-D sensitivity kernels, IRIS Workshop, Snowbird, UT, 2010
- Li, A., Radial Anisotropy from Regional Surface Wave Tomography with the Presence of Multipathing Interference, Fall AGU meeting, San Francisco, CA, 2010
- Chen, C., A. Li, et al., Shear-wave splitting in northeastern Tibet, Fall AGU meeting, San Francisco, 2010.
- Fu, Y., A. Li, and S. Hung, Modeling shear wave splitting observation in Iceland, IRIS Workshop, Snowbird, UT, 2010.
- Fu, Y., A. Li, G. Ito, and S. Hung, Waveform modeling of shear wave splitting from geodynamic models in Iceland, Fall AGU meeting, San Francisco, CA., 2010
- Li, A., K. Lew, and S. Ma, Continental lithosphere structure in Africa from S receiver functions, Fall AGU meeting, San Francisco, December, 2009.
- Lisi, A. and A. Li, Phase velocity and azimuthal anisotropy variation beneath the central Tien Shan, Fall AGU meeting, San Francisco, December, 2009.
- Fu, Y., A. Li, and Y.J. Chen, Shear wave structure beneath southeastern Tibet from Rayleigh wave tomography, Fall AGU meeting, San Francisco, December, 2009.
- Li, A., Finite-frequency effects in surface wave tomography in southern Africa, Fall AGU meeting, San Francisco, December, 2008.
- Lew, K., and A. Li, The lithosphere-asthenosphere boundary beneath the Tanzanian craton, Fall AGU meeting, San Francisco, December, 2008.
- Chen, C., and A. Li, Rayleigh wave tomography in the lower Great Lakes region, Fall AGU meeting, San Francisco, December, 2008.
- Ma, S., and A. Li, Mapping the lithosphere and asthenosphere boundary in southern Africa from S receiver function, Fall AGU meeting, San Francisco, December, 2008.
- Shen, Y., D. Shi, X. Li, E. Sandvol, A. Li, A. Zhang, H. Li, X. Liang, X. XU, and H. Dong, Initial report on the northeastern Tibet plateau seismic experiment (NETS), Fall AGU meeting, San Francisco, December, 2008.
- Fu, Y., A. Li, and J. Chen, Rayleigh wave tomography in southern Tibet, GSA meeting, Houston, October, 2008.
- Li, A., and B. Mashele, Crustal structure in the Pakistan Himalayas, GSA meeting, Houston, October, 2008.
- C. Chen and A. Li, Rayleigh wave tomography in northeastern America and southeastern Canada, IRIS workshop, 2008.
- S. Ma and A. Li, Lithosphere thickness beneath southern Africa from S receiver function, IRIS workshop, 2008
- A. Lisi and A. Li, Rayleigh wave phase velocity and azimuthal anisotropy in the central Tien Shan, EGU Spring meeting, 2008.

- Li, A., Crustal structure of the Pakistan Himalayas from ambient noise and seismic Rayleigh wave inversion, AGU Spring meeting, 2007.
- A. Lisi and A. Li, 3D shear-wave structure beneath the central Tien Shan, AGU Spring meeting, 2007.
- Li, A. and C. Chen, Shear-wave splitting beneath the central Tien Shan and tectonic implications, AGU Fall meeting, 2006.
- Li, A. Observations of asthenosphere from regional Rayleigh wave tomography, AGU Fall meeting, 2005.
- Zhou, H.W., A. Li, B. Zhao, and J. Warren, Long-offset detection of offshore airguns by onshore broadband seismographs, AGU Spring meeting, 2005.
- Li, A. and K. Burke, A shallow low velocity zone beneath the old continental lithosphere in southern Africa, EarthScope workshop, 2005.
- Li, A., Shear-wave structure beneath southern Africa from Rayleigh wave tomography, AGU Fall meeting, 2004.
- Li, A. and R. S. Detrick, Structure of crust and upper mantle beneath Iceland from Rayleigh wave tomography, AGU Fall meeting, 2003.
- Li, A. and R. S. Detrick, Mapping phase velocities and azimuthal anisotropy of Rayleigh waves in Iceland, *Eos Trans. AGU*, 83(19), S343, 2002.
- Li, A. and R. S. Detrick, Shear-wave splitting constraints on anisotropy and mantle flow beneath Iceland, Symposium on the Icelandic Plume and Crust, September 2001.
- Li, A., D. W. Forsyth, and K. M. Fischer, Azimuthally anisotropic shear wave structure beneath Colorado Rocky Mountains, *Eos Trans. AGU*, 81(48), F1197, 2000.
- Li, A., D. W. Forsyth, and K. M. Fischer, Evidence for azimuthal anisotropy in lithosphere and asthenosphere beneath the eastern North America, *Eos Trans. AGU*, 80(46), F730, 1999.
- Li, A., D. W. Forsyth, and K. M. Fischer, 3-D Azimuthally anisotropic shear wave structure at the eastern edge of the North American continental keel, *Eos Trans. AGU*, 80(17), S216, 1999.
- Li, A., K. M. Fischer, M. E. Wyssession and T. J. Clarke, Upper mantle and transition zone discontinuity structure beneath eastern North America, Abstracts from the 10th annual IRIS workshop, University of California, Santa Cruz, July, 1998.
- Li, A., K. M. Fischer, M. E. Wyssession and T. J. Clarke, Upper mantle and transition zone discontinuity structure beneath eastern North America, *Eos Trans. AGU*, 79(17), S215, 1998.