

IDENTIFYING INFORMATION:

NAME: Lin, Fan-Chi

ORCID iD: <https://orcid.org/0000-0003-0394-6830>

POSITION TITLE: Associate Professor

PRIMARY ORGANIZATION AND LOCATION: University of Utah, Salt Lake City, Utah, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
California Institute of Technology, Pasadena, California, United States	Postdoctoral Fellow	04/2011 - 10/2013	Geophysics
University of Colorado Boulder, Boulder, Colorado, United States	Postdoctoral Fellow	12/2009 - 04/2011	Geophysics
University of Colorado Boulder, Boulder, CO, US	PhD	11/2009	Geophysics
Drexel University, Philadelphia, PA, US	MS	05/2005	Physics
National Tsing Hua University, Hsinchu, Not Applicable, N/A, TW	BS	05/2000	Physics

Appointments and Positions

- 2019 - present Associate Professor, University of Utah, Department of Geology and Geophysics, Salt Lake City, Utah, United States
- 2019 - present Visiting Associate Professor, Academia Sinica, Taiwan, Taipei, Not Applicable, N/A, Taiwan
- 2015 - 2021 Visiting Associate in Geophysics, California Institute of Technology, Pasadena, California, United States
- 2013 - 2019 Assistant Professor, University of Utah, Geology and Geophysics, Salt Lake City, UT, United States
- 2011 - 2013 Director's Post Doctoral Fellowship, California Institute of Technology, Seismolab, Pasadena, CA, United States
- 2009 - 2011 Postdoc, University of Colorado Boulder, Geophysics, Boulder, CO, US

Products**Products Most Closely Related to the Proposed Project**

1. Wu S, Lin F, Farrell J, Shiro B, Karlstrom L, Okubo P, Koper K. Spatiotemporal Seismic Structure Variations Associated With the 2018 Kīlauea Eruption Based on Temporary Dense Geophone Arrays. *Geophysical Research Letters*. 2020 May 06; 47(9):- . Available from: <https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2019GL086668> DOI: 10.1029/2019GL086668
2. Bowden D, Tsai V, Lin F. Site amplification, attenuation, and scattering from noise correlation amplitudes across a dense array in Long Beach, CA. *Geophysical Research Letters*. 2015 March 06; 42(5):1360-1367. Available from:

<https://agupubs.onlinelibrary.wiley.com/doi/10.1002/2014GL062662> DOI: 10.1002/2014GL062662

3. Lin F, Li D, Clayton R, Hollis D. High-resolution 3D shallow crustal structure in Long Beach, California: Application of ambient noise tomography on a dense seismic array. *GEOPHYSICS*. 2013 July 01; 78(4):Q45-Q56. Available from: <https://library.seg.org/doi/10.1190/geo2012-0453.1> DOI: 10.1190/geo2012-0453.1
4. Lin F, Tsai V, Schmandt B, Duputel Z, Zhan Z. Extracting seismic core phases with array interferometry. *Geophysical Research Letters*. 2013 March 26; 40(6):1049-1053. Available from: <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/grl.50237> DOI: 10.1002/grl.50237
5. Wang Y, Lin F, Ward K. Ambient noise tomography across the Cascadia subduction zone using dense linear seismic arrays and double beamforming. *Geophysical Journal International*. 2019 June; 217(3):1668-1680. Available from: <https://academic.oup.com/gji/article/217/3/1668/5365997> DOI: 10.1093/gji/ggz109

Other Significant Products, Whether or Not Related to the Proposed Project

1. Huang H, Lin F, Schmandt B, Farrell J, Smith R, Tsai V. The Yellowstone magmatic system from the mantle plume to the upper crust. *Science*. 2015 April 23; 348(6236):773-776. Available from: <https://www.sciencemag.org/lookup/doi/10.1126/science.aaa5648> DOI: 10.1126/science.aaa5648
2. Wu S, Huang H, Lin F, Farrell J, Schmandt B. Extreme seismic anisotropy indicates shallow accumulation of magmatic sills beneath Yellowstone caldera. *Earth and Planetary Science Letters*. 2023 August; 616:118244-. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0012821X23002571> DOI: 10.1016/j.epsl.2023.118244
3. Berg E, Lin F, Allam A, Schulte-Pelkum V, Ward K, Shen W. Shear Velocity Model of Alaska Via Joint Inversion of Rayleigh Wave Ellipticity, Phase Velocities, and Receiver Functions Across the Alaska Transportable Array. *Journal of Geophysical Research: Solid Earth*. 2020 February 03; 125(2):- . Available from: <https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2019JB018582> DOI: 10.1029/2019JB018582
4. Wu S, Ward K, Farrell J, Lin F, Karplus M, Smith R. Anatomy of Old Faithful From Subsurface Seismic Imaging of the Yellowstone Upper Geyser Basin. *Geophysical Research Letters*. 2017 October 21; 44(20):- . Available from: <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/2017GL075255> DOI: 10.1002/2017GL075255
5. Rabade S, Lin F, Tape C, Ward K, Waldien T, Allam A. The Crustal Magmatic Structure Beneath the Denali Volcanic Gap Imaged by a Dense Linear Seismic Array. *Journal of Geophysical Research: Solid Earth*. 2023 December 11; 128(12):- . Available from: <https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2023JB027152> DOI: 10.1029/2023JB027152

Synergistic Activities

1. NSF review panelist 2021

2. Associate Editor for J. Geophys. Res., 2016-2022
3. Member of IRIS Data Services Standing Committee, 2018-2020
4. SSA Honors Committee, 2016 – 2022
5. EarthScope Speaker for the 2015-2016 series

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Lin, Fan-Chi in SciENCv on 2024-01-20 23:09:40