

# Chengzu Wang

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## Education

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- **Rice University, Houston, TX** **08/2014–05/2018 (expected)**
  - *Ph.D. Student in Geophysics (GPA: 4.00/4.00)*  
Advisor: Richard. G. Gordon (Keck Professor of Geophysics)
- **Peking University, Beijing, P.R. China** **09/2010–07/2014**
  - *B. S. in Geology, with distinction (GPA: 3.74/4.00, Ranking 1/40)*

## Professional Experiences

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### Research Assistant: (08/2014-present)

- **Project 1:** Investigate current absolute plate velocities inferred from hotspot tracks, comparison with absolute velocities inferred from seismic anisotropy, and bounds on motion between groups of hotspots.
- **Project 2:** Investigate the azimuth of seismic anisotropy in Eurasia and its relationship with absolute plate motions.
- Related Courses: 3-D Seismic Interpretation, Digital Signal Processing, Exploration Geophysics, Well Logging and Petrophysics, Advanced Tectonics, Seismology, Earth System Modelling, and Tectonophysics.

### Teaching Assistant:

- ESCI 214 The Planets, 2017 fall.
- ESCI 442/642 Exploration Geophysics, 2015 fall, 2016 fall.

## Computer Skills

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- Programming Language: C, C++, Unix Shell, Fortran and Matlab.
- Software: Petrel, Visual Studio, GMT, Microsoft Office, CorelDraw, and ANSYS.

## Honors & Awards

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- Dean's Fellowship, Rice University (2014-present).
- Geology Fellowship, Peking University (2010-2014).
- Hui-Chun Chin and Tsung-Dao Lee Chinese Undergraduate Research Fellowship (2012-2013).
- Award of Excellence for Undergraduate Research & Training Program (2012-2013).

## Publications

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### Published:

- **Wang C**, Gordon RG, & Zhang T, "Bounds on geologically current rates of motion of groups of hot spots." *Geophysical Research Letter*. 2017
- Zhang T, Gordon RG, Mishra JK & **Wang C**, "The Malpelo Plate Hypothesis and Implications for Non-closure of the Cocos-Nazca-Pacific Plate Motion Circuit." *Geophysical Research Letter*. 2017

### In preparation:

- **Wang C**, Gordon RG, "Uncertainties in trends of hot spot tracks."

## Conferences

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- **Wang C** & Gordon RG, "Current Global Absolute Plate Velocities Inferred from the Trends of Hotspot Tracks: Implications for Motion between Groups of Hotspots and Comparison and Combination with Absolute Velocities Inferred from the Orientation of Seismic Anisotropy" AGU Fall Meeting, 2016
- **Wang C**, Gordon RG & Zheng L, "Current absolute plate velocities inferred from hotspot tracks, comparison with absolute velocities inferred from seismic anisotropy and bounds on rates of motion between groups of hotspots." AGU Fall Meeting, 2015