

Suoya Fan

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Education

Ph.D. (2020 expected)	Geology	University of Houston
M.S. (2015)	Geology	China University of Geosciences, Beijing
B.S. (2012)	Geology	China University of Geosciences, Beijing

Publication

Fan, S., Ding, L., Murphy, M. A., et al., 2017, Late Paleozoic and Mesozoic Evolution of the Lhasa Terrane in the Xainza Area of Southern Tibet. *Tectonophysics*. (in revision)

Grant

Investigation of the timing of shortening in the Lhasa terrane: testing crustal deformation models for the Tibetan orogen, 2017-2018, **GSA Graduate Student Research Grant**.

Research and Professional Experiences

8. **Strain partitioning in parasitic folds and associated structures** (in progress)
 7. **Tectonics of Nepal Himalaya and South Tibet** (in progress)
 6. **Teaching Assistant**, University of Houston (Fall 2016, Spring 2017, Fall 2017)
 5. **M.S. degree dissertation**: Tectonic evolution of the Xainza area, South Tibet (09/2012-06/2015)
 4. **Research Assistant** in Key Laboratory of Continental Collision and Plateau Uplift, Institute of Tibetan Plateau Research, Chinese Academy of Sciences: specimen pretreatment, LA-ICP-MS zircon U-Pb dating, and data processing (09/2012-06/2015)
 3. **B.S. degree dissertation**: The Geometrical Features and Causes of Qilixia-Wenquanjing Arc-Shaped Folds in Eastern Sichuan (06/2011-06/2012)
 2. **Proofreading manuscripts** for *Earth Science Frontiers (Chinese Edition)* (9/2010-7/2011)
 1. **National innovation experiment program for university students**: Experimental Study on the Mechanism of Brucite Absorbing CO₂ (11/2009-11/2010)
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Field Work

2017

14. **Block Mt, Dillon, MT, US (2 weeks)**: mapping a parasitic fold and associated structures and study strain partitioning during folding process.
13. **Big Bend National Park, TX, US (1 week)**

2016

12. Big Bend National Park, TX, US (1 week)

2013

11. **Xainza, Tibet, China (2 weeks):** field research on the tectonic evolution of northern Lhasa terrain (M.S. dissertation) and worked with a researcher at the Institute of Tibetan Plateau Research, Chinese Academy of Sciences on paleo-elevation of Lhasa terrain.

10. **Lhasa and Sangri, Tibet, China (1 month):** worked with a PhD candidate on the pre-Cenozoic magmatism in Gangdese Arc.

9. **Lhatse and Xigaze area, Tibet, China (1 month):** field assistant for a research group from University of Arizona, working on the Cenozoic deformation and stratigraphy.

2012

8. **Qilian, Qinghai, China (about 2.5 months):** geological mapping and structural interpretation in Northern Qilian area, Tibet, China (nation-founded comprehensive geological survey project).

2011

7. **Sichuan and Chongqing, China (about 1 month):** research on the geometry and kinematics of the arc-shaped folds in thin-skinned fold and thrust belt in eastern Sichuan (B.S. dissertation).

2010

6. **Xilinhot, Inner Mongolia, China (2 weeks):** geological mapping and structural interpretation (nation-founded comprehensive geological survey project).

5. **Baikal Lake area, Russia (2 weeks):** field trip in Baikal rift area as an international exchange program with Irkutsk State Technical University, founded by China University of Geosciences.

4. **Zhoukoudian, Beijing, China (4 weeks):** a field course about geological phenomenon interpretation and field work methods, including geological mapping, stratigraphic measurement, and data collection.

2009

3. **Zhalantun, Inner Mongolia, China (2 weeks):** geological mapping project (internship).

2. **Suolun, Inner Mongolia, China (2 weeks):** drilling catalog (internship).

1. **Beidaihe, Hebei, China (2 weeks):** a field course about geological fundamental knowledge.

Awards and Honors

First-class scholarships in geology major (1 time during undergraduate period)

Second-class scholarships in geology major (1 time during undergraduate period)

Third-class scholarships in geology major (4 times during undergraduate period)

Third Prize for Band C in 2010 National English Contest for College Students