

Jing Yuxuan

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EDUCATION

University of Tulsa, Tulsa, Oklahoma

2015-present M.S.E., Petroleum Engineering, GPA 3.7 / 4.0

Peking University, Beijing, China

2012-2015 M.S., Sedimentology, GPA 3.6 / 4.0

2008-2012 B.S., (major) Geology, GPA 3.5 / 4.0

2010-2012 B.S., (minor) Electronic Engineering, GPA 3.3 / 4.0

EXPERIENCE

1/2016 – present Future Reservoir Simulation Systems & Technology, The University of Tulsa

- Developed a data-driven choke management strategy to optimize oil production.
- Developing a numerical simulator to model seismic wave propagation in unconventional.
- Investigating the possibility of extending lithotripsy to the reservoir scale, enabling waterless inter-well bulk fracturing using seismic waves.

9/2012 - 6/2015 Key Lab. of Orogenic Belts and Crustal Evolution, Peking University, China

- Recovered biodiversification events using carbonate depositional system information.
- Performed outcrop observation, description and analysis studies.
- Conducted sample preparation, observation and description of thin sections and slabs, and performed geochemical data analysis ($\delta^{18}\text{O}$, $\delta^{13}\text{C}$, $^{87}\text{Sr}/^{86}\text{Sr}$).
- Analysed stratigraphic evolution history, paleogeography recovery and stratigraphic columns.

9/2013 – 6/2015 Peking University, China

Teaching Assistant, graduate course entitled “*Introduction to the Earth History*”

- Supervised laboratory experiments and led field excursions.

1/2011 – 4/2011 National General Research Institute, Beijing, China

Engineering Intern

- Identified non-ferrous metal minerals and made value assessment of pyrite mines.

HONORS AND AWARDS

2014 Best Poster Award, IGCP Project 591, Yunnan, China

2013 Geology Graduate Students Scholarship, Peking University, China

2012-2014 Full Scholarship for Graduate Students, Peking University, China

2009-2012 National Geology Scholarship, National Science Foundation, China

SELECT SKILLS

- English: Proficient in reading, writing, and communicating
- Reservoir simulation and engineering for unconventional reservoirs
- Strong geology background to complement reservoir engineering specialization
- Computer Programming: C/C++, VBA, and MATLAB

PUBLICATIONS

Journal Articles

Yuxuan Jing, Jianbo Liu*. Storm-influenced deposits reconstruct sea level curve— Carbonate deposits and the sea level change in the Middle and Late Cambrian, in the Western Hill, Beijing, China. *Journal of Paleogeography*.

Manuscripts In Preparation

Yuxuan Jing, Jianbo Liu*, Zhen Yan, Yongchao Sun. (Reviewing). Sediment model and process of the storm-influenced deposits in the Early Ordovician Fenhsiang Formation in the Upper Yangtze region, South China. *Journal of Paleogeography*.

Extended Abstracts and Conference Proceedings

Yuxuan Jing, Jianbo Liu*, Zhen Yan, Yongchao Sun. (2013). Storm Deposition Sedimentary Characteristics and Environment of the Early Ordovician Fenhsiang Formation in the Upper Yangtze Region. *Fifth Chinese National Sedimentology conference*. Oral report & abstract.

Yuxuan Jing, Jianbo Liu*. (2014). Sediment model and process of the storm-influenced deposits in the Early Ordovician Fenhsiang Formation in the Upper Yangtze region, South China. *IGCP Project 591 Field Workshop 2014*. Poster & abstract.

Technical Reports

Yuxuan Jing, Feixiang Wei, Yitao Zhou. (2011). Silver and gold mineralization characteristics and genesis in Yindonggou, Hubei province, China. Unpublished as Shandong Gold Group Co., Ltd. Project Report.

Yuxuan Jing, Jianbo Liu*, Zhen Yan, Yongchao Sun, Hanqing Liao, Na Ding. (2012). Sedimentary Characteristics and Contral Factories of the Early Ordovician Fenhsiang Formation in the Upper Yangtze Region, South China. Unpublished as CNPC Project Report.