**Mingfei CHEN**

Ph.D. Student

Department of Geology

University of Illinois at Urbana-Champaign

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**EDUCATION**

**2017-present** Doctor of Philosophy, University of Illinois at Urbana-Champaign

Major: Geology

GPA:3.90

**2013-2017** Bachelor of Science,Peking University

Major: Geology

Minor: Biology

GPA:3.62

**PROFESSIONAL EXPERIENCE**

**2019 Fall** Teaching Assistant (GEOL 143), University of Illinois at Urbana-Champaign

**2019 Spring** Teaching Assistant (GEOL 111), University of Illinois at Urbana-Champaign

**2018** Research Assistant, University of Illinois at Urbana-Champaign

**2016-2017** Undergraduate Research Assistant, Paleoceanography Lab, Peking University

**HONORS AND AWARDS**

**2017** Geology Department Fellow, University of Illinois at Urbana-Champaign

**2017** Outstanding Bachelor Graduate, Peking University

**2016** Model Student of Academic, Peking University

**2015** “Triple-A” Outstanding Student, Peking University

**2015** Lee Wai Wing Scholarship (2 out of 50), Peking University

**2014** Model Student of Academic, Peking University

**PUBLICATION**

Chen, M., Conroy, J.L., Sanford, R.A., Chee-Sanford, J.C., Connor, L.M. *in preparation.* Interpreting lacustrine bulk sediment δ15N values using metagenomics: A case study from a hypersaline lake system.

**MEETING ABSTRACT**

Chen, M., Conroy, J.L., Sanford, R.A., Chee-Sanford, J.C., Connor, L.M. Interpreting lacustrine bulk sediment δ15N values using metagenomics: A case study from a hypersaline lake system. 2019. 8th Midwest Geobiology Symposium, St. Louis, M.O.

Chen, M., Conroy, J.L., Sanford, R.A., Chee-Sanford, J.C., Connor, L.M. Interpreting lacustrine bulk sediment δ15N values using metagenomics: A case study from a hypersaline lake system. 2019. American Geophysical Union Fall Meeting, San Francisco, C.A.

Chen, M., Conroy, J.L., Sanford, R.A., Chee-Sanford, J.C., Connor, L.M., Sivapalan, V.S. Microbially mediated nitrogen isotope fractionation in hypersaline lakes. 2019. SESE Research Review, School of Earth, Society and Environment, University of Illinois at Urbana-Champaign, Champaign, IL.

Chen, M., Conroy, J.L., Sanford, R.A., Chee-Sanford, J.C., Connor, L.M., Sivapalan, V.S. Microbially mediated nitrogen isotope fractionation in hypersaline lakes. 2018. American Geophysical Union Fall Meeting, Washington, D.C.

Casar, C., Karbelkar, A.A., Vinnichenko, G., Chen, M., Osburn, M. R., Orphan, V.J., Fischer, W.W., Session, A.L., The 2018 International Geobiology Course Participants. Transformation of ancient organic carbon in exposed organic-rich black shale of the Monterey Formation, Naples Beach, CA. 2018. American Geophysical Union Fall Meeting, Washington, D.C.

Chen, M., Conroy, J.L. Driving forces of carbonate spherules in hypersaline lakes. 2018. SESE Research Review, School of Earth, Society and Environment, University of Illinois at Urbana-Champaign, Champaign, IL.

**FIELD EXPERIENCE**

**2017** Geobiology and paleolimnological field expedition in Smith Lake, IL

**2015** Geological fieldwork in Xingcheng, Liaoning

* Led a monographic group study to produce a regional geological map of the Mt. Changlong area (20km2)
* Conducted independent research on the faults of Mt. Changlong’s north ridge to determine the properties and stages of fault evolution

**2014** Geological fieldwork in areas surrounding Beijing

* Constructed a stratigraphic column of Paleozoic strata of North China craton

**PUBLIC ENGAGEMENT AND PROFESSIONAL SERVICE**

**Department**

**2019-2020** Social chair, UIUC Geology Graduate Student Council

**2020** Member, SESE Research Review Committee, UIUC

**Professional Affiliation**

* Geological Society of America
* American Geophysics Union