CURRICULUM VITAE

Qingqing Jiang 蒋青青

School of Earth and Space Sciences, Peking University
No.5 Yiheyuan Road, Haidian District, Beijing 100871, P.R.China
E-mail: qqjiang@stu.pku.edu.cn

Research Interests: Paleoclimatology; Earth System Modeling; Astrochronology; Cyclostratigraphy

Education

2022-2025 *Peking University*

M.S., Geology

- GPA 3.75/4.0
- Thesis: *Astrochronology and orbital signal distribution of Paleocene-Eocene Thermal Maximum*
- Advisor: Professor Mingsong Li

2018-2022 *China University of Geosciences (Beijing)*

B.E., Resource Exploration Engineering

- GPA 3.76/4.0 (Ranked 1st in major)
- Thesis: *Tectono-stratigraphic sequences of the Jurassic-Cretaceous system in the Junggar Basin.*
- Advisor: Professor Di Li

Awards and Honors

- **2024** Awarded Merit Student, PKU
- **2024** Awarded Specialized Graduate Academic Scholarship (full tuition), PKU
- **2020** Awarded *Merit Student* (one awardee per class), CUGB
- **2020** *National Encouragement scholarship* (full tuition) from the Ministry of Education
- **2018** Awarded *Merit Student* (one awardee per class), CUGB
- **2018** *National Encouragement scholarship* (full tuition) from the Ministry of Education

Conference Abstracts

- **Qingqing Jiang,** Mingsong Li. 2025. Orbital forcing and climate responses of the hyperthermal event: an integrated study based on Earth System Modeling and cyclostratigraphy from ODP Site 1172. The 8th national sedimentological congress, Beijing, China. [Oral]

- **Qingqing Jiang**, Mingsong Li. 2024. Astrochronology of Paleocene-Eocene Thermal Maximum at ODP Site 1172. The 6th International Conference of Paleogeography, Nanjing, China. [Oral]
- **Qingqing Jiang**, Mingsong Li. 2023. Astrochronology of Paleocene-Eocene Thermal Maximum at ODP Site 1172. 29th Annual Conference of Paleontological Society of China, Nanjing, China. [Oral]

Publications

- **Qingqing Jiang**, Mingsong Li*, Weiqin Yao, Wei Ren, Kaixuan Ji, Haotian Zhang, Zhijun Jin. 2025 Astrochronology of Paleocene-Eocene Thermal Maximum on the East Tasman Plateau. *Global and Planetary Change*

Research Experiences

(1) Research Projects

- **January 2025 – present:** Participated in NSFC Original Exploration Program. "Isotopic data assimilation across spheres to unveil carbon sources and processes of the Paleocene-Eocene Thermal Maximum".
- **July 2023 – present:** Participated in National Key R&D Program of China (2022YFF0800005). "The spatiotemporal evolution of orbital-scale ocean deoxygenation during the Paleocene-Eocene Thermal Maximum."

(2) Field Experiences

- **November 2024**: Cyclostratigraphy of the Mesoproterozoic Period, Hebei Province, China.
- **June 2024:** Cyclostratigraphy of the Mesoproterozoic Period, Hebei Province, China.
- **May 2023:** Early to Middle Triassic conodont biostratigraphy, Anhui Province, China.
- **April 2023:** Cyclostratigraphy of Early Triassic, Anhui Province, China.
- **July 2022:** Xingyi Fauna and Cyclostratigraphy of Middle Triassic, Guizhou Province, China.

(3) Core Observations

- **June 2024:** Paleoclimatology of Cretaceous, Core ZKJ-03, North China.
- **April 2024:** Paleoclimatology of Paleocene-Eocene Thermal Maximum, Core SKD1, Jianghan Basin, Hubei Province, China. ***Leader***
- **November 2023:** Cyclostratigraphy the Mesoproterozoic Period, Core Liaolingdi1.
- **September 2023:** Paleoclimatology of Cretaceous, Core SYY1, North China.

Teaching Experience

- **Teaching Assistant** (2024 & 2023 Fall): Assisted Prof. Mingsong Li in the course *Data Science for Geoscience*: Preparing teaching materials, and guided students in lab work for cyclostratigraphy.

Professional Experience

- **July 2022:** *Oil Reserves Engineer (Intern)*, Beijing Dida Bochuang Technology Co., Ltd

Professional Development

- **Oct 2024: Paleoclimate modelling workshop**, led by Prof. Dan Lunt, Nanjing University, 3 days
- **Jul 2024: Short course with applications in the statistical software R**, led by Prof. Stephen R. Meyers, Institute of Sedimentary Geology, Chengdu University of Technology, 3 days
- **May 2023: Short course on Earth systems and key turning points in its history**, led by Prof. Shuhai Xiao, Nanjing Institution of Geology and Paleontology, Chinese Academy of Sciences, 3 days

Skills

MATLAB, Python, R, C++, Markdown

Leadership

- **2023-2024:** Chair, PKU Dragon Boat Club
- **2024-2025:** Captain, PKU Dragon Boat Team