

Xingchen (Tony) Wang

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Education

Ph.D. in Geosciences , Princeton University	2016
B.S. in Geochemistry , Nanjing University	2010

Appointments

Boston College , Department of Chemistry Assistant Professor (courtesy appointment)	2020 – Present
Boston College , Department of Earth and Environmental Sciences Assistant Professor	2020 – Present
California Institute of Technology , Division of Geological and Planetary Sciences Postdoctoral Scholar	2016 – 2019
Max Planck Institute for Chemistry Visiting Scholar	Summer 2016
Princeton University , Department of Geosciences Graduate Research Assistant	2010 – 2016

Selected Honors & Awards

Simons Foundation Postdoctoral Fellowship	2017 – 2019
Postdoctoral Fellowship in Geobiology, California Institute of Technology	2016 – 2017
Charlotte Elizabeth Procter Honorific Fellowship, Princeton University	2014 – 2015
Schlanger Fellowship, International Ocean Discovery Program	2014 – 2015
Princeton Energy and Climate Scholars, Princeton University	2013 – 2015

Selected Research Grants

- **National Science Foundation**, “Collaborative Research: US GEOTRACES GP17-ANT: Nitrogen isotope dynamics on the Amundsen Sea continental margin”, 2023-2026, \$328,355. **Role:** Principal Investigator.
- **U.S. Army Engineer Research and Development Center (ERDC)**, “Sediment transport and water quality in watersheds and coastlines of the United States”, 2020-2025. **Role:** Co-Principal Investigator for Research Area 2 (\$668,087 to Wang).
- **Simons Foundation**, “N isotopes in stromatolites: Linking the N cycle to the origins of life”,

2017-2019, \$255,000. **Role:** Principal Investigator.

Invited Seminars

2020-Present: MIT, University of Connecticut, UMass Boston, WHOI, UMass Dartmouth, Xiamen University, Tongji University, University of South Carolina, Shanghai Jiao Tong University, Boston College (Chemistry)

Prior to 2020: Texas A&M University, WHOI, Harvard University, Boston College, University of Minnesota, University of South Florida, UC San Diego, HKUST, USTC, University of Southern California, University of Bremen, Nanjing University

Selected Service

Committees

- Departmental Seminar Coordinator (2023-Present), Earth & Environmental Sciences, Boston College
- Advisory Committee (2024-present), University Research Core Facilities, Boston College
- Graduate Committee (2020-Present), Earth & Environmental Sciences, Boston College

Reviewer

NSF (*ad hoc* and panel), NASA (panel), Royal Society, and >20 journals

Editor

Earth System Science Data, Ocean Section (2022-Present)

Conference Convener

- “Nitrogen cycle and climate”, XMAS Symposium, Xiamen, China, 2025
- “The changing marine nitrogen cycle in the Anthropocene”, Ocean Science Meeting, New Orleans, LA, USA, 2024

Outreach

- Organized “Changing Ocean” events at the Discovery Museum in MA since 2024, engaging over 100 children and their families
- AGU College of Fellows mentoring program (2022-2024), mentor for a group of 4 students/postdoc

Professional Affiliations

- Geochemical Society
- American Geophysical Union
- Association for the Sciences of Limnology and Oceanography