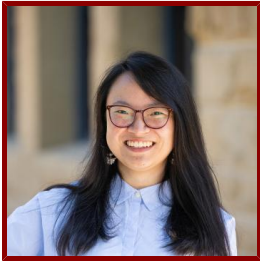


Stanford



Haoxue Yan

Lecturer
Materials Science and Engineering

Bio

BIO

Haoxue ("How-sh-ew-eh", she/her) is a Lecturer in the Department of Materials Science and Engineering (MSE). Though Haoxue is trained in metallurgy in her graduate studies, she constantly seeks to expand her knowledge base so that she can make materials science interesting, relevant, and approachable for her students. In her classroom, Haoxue is committed to fostering an inclusive and engaging environment that promotes a sense of curiosity and life-long learning in her students as they grow into observant and critical thinkers.

ACADEMIC APPOINTMENTS

- Lecturer, Materials Science and Engineering

ADMINISTRATIVE APPOINTMENTS

- Deputy Director of Undergraduate Studies, Materials Science and Engineering, (2025- present)

HONORS AND AWARDS

- Lloyd W. Dinkelspiel Award, Stanford (06/2024)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, CTL Faculty and Lecturer Advisory Committee (2025 - present)

PROFESSIONAL EDUCATION

- Sc.D., Massachusetts Institute of Technology , Materials Science and Engineering (2022)
- B.S., Rensselaer Polytechnic Institute , Materials Science and Engineering (2017)

Teaching

COURSES

2025-26

- Curricular Practical Training: MATSCI 99 (Aut, Win, Spr, Sum)
- Edible Materials: The science of texture: MATSCI 88Q (Aut)
- Introduction to Materials Science, Biomaterials Emphasis: ENGR 50M, MATSCI 50M (Aut)
- Materials Scientists in Training: MATSCI 131 (Aut)
- Mechanical Behavior Laboratory: MATSCI 163, MATSCI 173 (Win)
- Nanomaterials Design: MATSCI 160, MATSCI 170 (Spr)

- STEMentors: Introduction to Materials Science : ENGR 50S (Win, Spr)
- Undergraduate Internship Experience: MATSCI 169 (Aut, Spr)

2024-25

- Edible Materials: The science of texture: MATSCI 121 (Aut)
- Materials Scientists in Training: MATSCI 131 (Aut)
- Mechanical Behavior Laboratory: MATSCI 163, MATSCI 173 (Win)
- Nanomaterials Design: MATSCI 160, MATSCI 170 (Spr)

2023-24

- Mechanical Behavior Laboratory: MATSCI 163, MATSCI 173 (Spr)
- Nanomaterials Design: MATSCI 160, MATSCI 170 (Aut)