

Stanford



Alissa Hummer

Postdoctoral Scholar, Bioengineering

Bio

BIO

Alissa is a Schmidt Science Fellow in the labs of Emma Lundberg and Wah Chiu. She is integrating microscopy techniques with AI to study and model cellular processes. Prior to her postdoc, Alissa completed her PhD at the University of Oxford, where she developed machine learning models for therapeutic antibody optimization and design.

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Oxford (2025)
- Master of Philosophy, University of Cambridge (2020)
- Master of Science, University of Oxford (2019)
- DPhil, University of Oxford , Statistics (2024)
- MPhil, MRC Laboratory of Molecular Biology and University of Cambridge , Biological Sciences (2020)
- MBiochem, University of Oxford , Biochemistry (2019)

STANFORD ADVISORS

- Emma Lundberg, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Wah Chiu (10/1/2025)
- Emma Lundberg (10/1/2025)