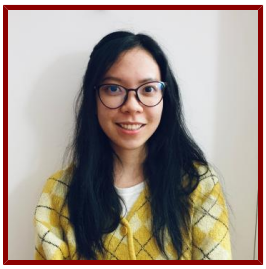
Stanford



Anna Bui

Postdoctoral Scholar, Chemistry

Bio

BIO

Anna is a theoretical chemist and currently a Stanford Science Fellow at Stanford University. She studies how fluids behave across length scales, from molecular interactions to macroscopic flow. My research combines statistical physics, computer simulation, and machine learning to develop predictive theories for water, ions, and electrolytes, with applications in energy, nanofluidics, and functional materials.

She obtained her PhD in 2026 at the University of Cambridge, where she developed multiscale frameworks linking microscopic solvation and transport to collective phenomena.

LINKS

- website: https://annatbui.github.io/