Stanford



Gavin Schlissel

Assistant Professor of Chemical and Systems Biology

Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Assistant Professor, Chemical and Systems Biology

PROFESSIONAL EDUCATION

- Postdoc, Whitehead Institute & MIT , Pulin Li
- PhD, UC Berkeley , Molecular Cell Biology (2019)
- AB, Princeton University , Molecular Biology (2013)

LINKS

- Lab website: https://schlissel-lab.org

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am interested in understanding how interactions between signaling proteins and the extracellular matrix affect the function and evolution of animal signaling networks. My work touches on many themes in animal biology, including developmental biology, immunology, aging and metabolism.

Teaching

COURSES

2026-27

- Research Seminar: CSB 270 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Advisor (AC)

Francesca Day, Patricia Shi

Publications

PUBLICATIONS

- **Mechanistic trade-offs between local and long-range signaling activity in natural and synthetic morphogens.** *Science advances*
  Schlissel, G., Hansen, A. S., Li, P.
  2026; 12 (37): eaef4578