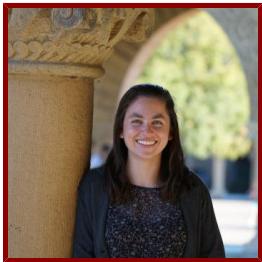


Stanford



Katarina Maria Guzman

Lecturer

Chemical Engineering

Bio

ACADEMIC APPOINTMENTS

- Lecturer, Chemical Engineering

Teaching

COURSES

2023-24

- Chemical Engineering Laboratory A: CHEMENG 185A (Aut)
- Chemical Process Modeling, Dynamics, and Control: CHEMENG 100 (Win)
- Energy and Mass Transport: CHEMENG 120B (Spr)
- Undergraduate Honors Seminar: CHEMENG 191H (Aut, Win, Spr)

2022-23

- Chemical Engineering Laboratory A: CHEMENG 185A (Win)
- Chemical Engineering Laboratory B: CHEMENG 185B (Spr)
- Energy and Mass Transport: CHEMENG 120B (Spr)
- Undergraduate Honors Seminar: CHEMENG 191H (Aut, Win, Spr)

Publications

PUBLICATIONS

- **Discovery and Characterization of Antibody Probes of Module 2 of the 6-Deoxyerythronolide B Synthase.** *Biochemistry*

Guzman, K. M., Cogan, D. P., Brodsky, K. L., Soohoo, A. M., Li, X., Sevillano, N., Mathews, I. I., Nguyen, K. P., Craik, C. S., Khosla, C. 2023

- **Fragment antigen binding domains (Fab)s as tools to study assembly-line polyketide synthases.** *Synthetic and systems biotechnology*

Guzman, K. M., Khosla, C.
1800; 7 (1): 506-512

- **Properties of a "Split-and-Stuttering" Module of an Assembly Line Polyketide Synthase** *JOURNAL OF ORGANIC CHEMISTRY*

Guzman, K. M., Yuet, K. P., Lynch, S. R., Liu, C. W., Khosla, C.
2021; 86 (16): 11100-11106