

# Stanford

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## Kate Bauman

Postdoctoral Scholar, Bioengineering

### Bio

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#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California San Diego (2022)
- B.A., Middlebury College, Chemistry (2016)

#### STANFORD ADVISORS

- Michael Fischbach, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Enzymatic assembly of the salinosporamide gamma-lactam-beta-lactone anticancer warhead** *NATURE CHEMICAL BIOLOGY*  
Bauman, K. D., Shende, V. V., Chen, P., Trivella, D. B., Gulder, T. M., Vellalath, S., Romo, D., Moore, B. S.  
2022; 18 (5): 538-+
- **Genome mining methods to discover bioactive natural products** *NATURAL PRODUCT REPORTS*  
Bauman, K. D., Butler, K. S., Moore, B. S., Chekan, J. R.  
2021; 38 (11): 2100-2129
- **Refactoring the Cryptic Streptopenazine Biosynthetic Gene Cluster Unites Phenazine, Polyketide, and Nonribosomal Peptide Biochemistry** *CELL CHEMICAL BIOLOGY*  
Bauman, K. D., Li, J., Murata, K., Mantovani, S. M., Dahesh, S., Nizet, V., Luhavaya, H., Moore, B. S.  
2019; 26 (5): 724-+