



## Sydney Fultz-Waters

- Ph.D. Student in Materials Science and Engineering, admitted Summer 2024
- Masters Student in Materials Science and Engineering, admitted Autumn 2023

### Bio

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#### BIO

Sydney is a Ph.D student in the Materials Science and Engineering department at Stanford University, co-advised by Prof. Shan X. Wang and Prof. Eric Pop. She received her B.S. in Materials Engineering from California Polytechnic State University, San Luis Obispo in 2023. Her research focuses on low dimensional magnetic materials for electronic applications.

#### EDUCATION AND CERTIFICATIONS

- B.S., California Polytechnic State University, San Luis Obispo , Materials Engineering (2023)

### Publications

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#### PUBLICATIONS

- **High-Field Breakdown and Thermal Characterization of Indium Tin Oxide Transistors.** *ACS nano*  
Su, H., Lee, Y., Pena, T., Fultz-Waters, S., Kang, J., Koroglu, C., Wahid, S., Newcomb, C. J., Song, Y. S., Wong, H. P., Wang, S. X., Pop, E. 2025