



Ao Yun Zhang

Position: Adjunct Professor

Department: Chemistry/Physical Sciences

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Courses Taught

Temple College

CHEM 1405 Int

Baylor University

- CHE 4141 Modern Biochemistry Laboratory
- CHE 4142 Advanced Biochemistry Laboratory

Education

- **Ph.D. in Chemistry**, Baylor University (2023)
- **B.S. in Chemistry**, Baylor University (2017)

Teaching Experience

- **Temple College**, Temple, Texas, (Adjunct Professor, 1/26-present)
- **Baylor University**, Waco, Texas, (Biochemistry lab lecturer, 9/2023-present)

Professional Publications

- Zhang, A. Y., Dashnaw, C. M., Gonzalez, M., Koone, J. C., Wells, N. A., Smith, C. A., Guberman-Pfeffer, M. J., & Shaw, B. F. (2023). Oxidation of dueling cysteine promotes subunit exchange in sod1. *ACS Chemical Neuroscience*, *acschemneuro.3c00174*.
<https://doi.org/10.1021/acschemneuro.3c00174>
- Zhang, A. Y., Koone, J. C., Dashnaw, C. M., Zahler, C. T., & Shaw, B. F. (2020). Complete charge regulation by a redox enzyme upon single electron transfer. *Angewandte Chemie International Edition*, 59(27), 10989–10995. <https://doi.org/10.1002/anie.202001452>

Campus/Campuses

Temple College Main Campus