



Kindle Williams

Postdoctoral Scholar, Chemical Engineering

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Massachusetts Institute of Technology (2022)
- Master of Science, Massachusetts Institute of Technology (2018)
- Bachelor of Science, The University of Alabama, Chemical Engineering with majors in Chemical Engineering and Chemistry (2016)

STANFORD ADVISORS

- William Tarpeh, Postdoctoral Faculty Sponsor
- William Tarpeh, Postdoctoral Research Mentor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Kindle is a postdoctoral researcher in Prof. William Tarpeh's group. She studies nutrient recovery from wastewaters, with a particular focus on electrochemical techniques for the conversion and recovery of inorganic nitrogen species. She is interested in translating technologies for nutrient recovery to practice.

Publications

PUBLICATIONS

- **Long-Term Robustness and Failure Mechanisms of Electrochemical Stripping for Wastewater Ammonia Recovery.** *ACS environmental Au*
Kogler, A., Sharma, N., Tiburcio, D., Gong, M., Miller, D. M., Williams, K. S., Chen, X., Tarpeh, W. A.
2024; 4 (2): 89-105
- **Electrochemical Wastewater Refining: A Vision for Circular Chemical Manufacturing.** *Journal of the American Chemical Society*
Miller, D. M., Abels, K., Guo, J., Williams, K. S., Liu, M. J., Tarpeh, W. A.
2023