



Chemical Engineering Fall 2024 Seminars

Friday, October 4, 2024
3:00pm, 66-110

Electrochemical Wastewater Refining: Using Reactive Separations to Control Microenvironments and Valorize Pollutants



William Tarpeh

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Dr. William Tarpeh is an assistant professor of chemical engineering at Stanford University. The Tarpeh Lab uses catalysis and separations to advance wastewater refining, which generates tunable portfolios of products from water pollutants. In addition to improving mechanistic understanding of novel materials and processes, the group also advances wastewater treatment in resource-constrained communities to improve access to water, fertilizers, and chemical commodities. Will completed his B.S. in chemical engineering at Stanford, his M.S. and Ph.D. in environmental engineering at UC Berkeley, and postdoctoral training at the University of Michigan. His recent awards include the NSF CAREER Award, Dreyfus Teacher-Scholar Award, AIChE 35 Under 35 and the Environmental Division Early Career Award, and the Electrochemical Society Young Investigator Fellowship.

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