

Elizabeth Zeitler

“Beth”



Graduate Institution: Princeton University

Location: Princeton, NJ

Graduate Discipline: Inorganic/Physical Chemistry

Hometown: Iowa City, IA

Research Interests:

I am interested in understanding the fundamental chemical principles that control catalysis for solar energy conversion and carbon mitigation. In my work at Princeton, I am specifically interested in electrochemical and photoelectrochemical CO₂ reduction using aromatic amine catalysts. More broadly, my areas of interest include solar energy storage, electrocatalysis, surface/interfacial science and public policy.

About me:

I have completed my first year pursuing my PhD in chemistry at Princeton University, on a Centennial Fellowship. Previously I studied chemistry at Scripps College, graduating summa cum laude and Phi Beta Kappa in 2006. After graduating, I joined Americorps and served in Baltimore at St. Vincent's Center, a therapeutic home for the treatment of children with emotional and behavioral conditions often stemming from histories of trauma. After three years volunteering and then working at St. Vincent's Center, I chose to return to chemistry so I could serve others to my greatest ability and pursue greater intellectual challenges.

I aspire to a career in chemistry for alternative energy applications, but I am unsure whether I will choose research in academia, in industry or in a national lab. I am also interested in the public policy side of energy research, in educating the public and decision makers about energy science as well as understanding the political and economic opportunities and constraints of energy policy. I studied abroad in Bristol, England for a year and would love to go back for a post doctoral appointment or career opportunity. In my personal life, I enjoy baking, walking, listening to NPR and spending time with friends.



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