

Brandon Beberwyck



Graduate Institution: University of California Berkeley

Location: Berkeley, CA

Graduate Discipline: Materials Science and Engineering

Hometown: Bedford, TX

Research Interests:

My primary research interests involve electrical transport at the nanoscale, particularly within colloidal semiconductor nanocrystals. The ability to create high quality contacts to nanocrystals remains a challenge to the incorporation of nanocrystals into efficient devices and is a large area of my research. Additionally, novel syntheses and applications of nanocrystals and nanostructures in general as devices and sources for renewable energy are of interest.

About me:

I graduated from the University of Texas at Austin in 2009 with a bachelor's in Mechanical Engineering where I performed research incorporating ZnO nanowires into a biomedical device and worked part-time at a semiconductor equipment manufacturer startup. Currently, I am starting my second year in the Materials Science and Engineering PhD program at UC Berkeley studying nanocrystals in the Alivisatos lab. Upon graduation, my goal is to obtain a staff scientist position at a national laboratory to continue a career immersed in research. When I am not in the lab, I enjoy reading, cycling, and spending time relaxing in the temperate Bay area.



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