

Alexandra Brozena

“Alex”



Graduate Institution: University of Maryland

Location: College Park, MD

Graduate Discipline: Materials Chemistry

Hometown: Lothian, MD

Research Interests:

I am interested in the separation of metallic and semiconductor carbon nanotubes, which is necessary for the incorporation of these nanomaterials' desirable electronic, optical and mechanical properties in applications such as photovoltaic devices and field-effect transistors.

About me:

I am currently finishing my second year of graduate school in the Department of Chemistry and Biochemistry at the University of Maryland in College Park, MD. As an undergraduate at Tulane University in New Orleans, I became interested in nanotechnology after researching the environmental remediation prospects of bimetallic nanoparticles. As a result of my interest in this field, when I came to the University of Maryland, I decided to join Dr. YuHuang Wang's newly formed research group which focuses on carbon nanotubes. I hope to find an academic position after graduation and completion of a post-doctorate. My personal interests and hobbies include long-distance running and classical piano.



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