About us

BNL is a multidisciplinary research group focused on the synthesis and characterization of organic and inorganic nanomaterials, such as graphene. Our goal is to understand and adapt the fundamental properties of these nanomaterials to engineer technologies that will address urgent societal needs.

PhD Student Position in Chemistry of Graphene for Separation Applications

A fully funded PhD student position is available in the Bozlar Nanoscience Lab (BNL) at The University of Texas Arlington (UTA) within the Dept. of Mechanical & Aerospace Engineering to synthesize graphene-based compounds for applications in separation/filtration processes urgently needed in industry. This is a highly collaborative research project with colleagues in the Dept. of Chemistry and Biochemistry at UTA, as well as industrial partners in the US.

We are looking for a candidate preferably with a Master's degree, or a Bachelor's degree in one of the following disciplines: **Materials Science; Chemical Engineering; Mechanical Engineering; Physics; Chemistry**. The candidate is expected to demonstrate strong theoretical and experimental skills in materials science, as well as motivation and commitment to successfully conduct this research project. Applications from underrepresented groups and women are encouraged.

How to Apply

Please send an email to Prof. Michael Bozlar (bozlar@uta.edu) containing the following information in a single pdf file:

• Brief description of your research interests
• Detailed CV
• Academic transcripts
• Contact information for three references.

Applications will be considered until the position is filled for a start in the Fall 2023 semester.

For more information: https://bozlarlab.uta.edu or scan

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