

# **Graduate Research Assistant Position**

**Nano Materials and Devices Laboratory**

**Department of Materials Science and Engineering;**

**University of North Texas**

Applications are invited for a Graduate Student Research Assistant Position to pursue PhD dissertation research in the Nano Materials and Devices Laboratory under the supervision of Professor Wonbong Choi in the Department of Materials Science and Engineering and Department of Mechanical Engineering at the University of North Texas. The research in Prof. Choi's Lab involves the synthesis of low-dimensionality materials, such as two-dimensional (2D) layered materials, characterizing their unique properties, and their application into devices for rechargeable batteries, nanoelectronics, and sensors.

Applicants should have a strong background and interest in any of the following areas: rechargeable batteries (Li-S battery, solid-state Li-ion batteries, and related materials), electronic devices (neuromorphic memory, piezoelectric sensors) and 3D printed nanostructures and their applications. The ideal candidate will be a graduate student enrolled in the department of materials science, mechanical engineering, chemistry, or chemical engineering.

To apply, please submit your CV, the names of three references, and a short statement of research interests to Prof. Wonbong Choi ([wonbong.choi@unt.edu](mailto:wonbong.choi@unt.edu)) ASAP. Review of candidates will begin immediately. After the successful completion of a short trial period where mutual interest level will be gauged, the candidate will be officially hired for the Graduate Research Assistant Position toward their dissertation research. The pay will be commensurate with the scale used in the College of Engineering at UNT for Graduate Research Assistants. The position will be renewed on an annual basis contingent upon meeting performance expectations and the continued availability of funding.