



We are recruiting self-motivated Master's and Ph.D. students to join us

The **DHLab** by Professor **Dong Hou** at Clemson University is seeking candidates to pursue a Master's (thesis-based) degree or Ph.D. in Materials Science & Engineering. A strong candidate will have experience in synthesizing inorganic /composite materials for energy science and characterizing various material properties using advanced analytical techniques. Full financial aid will be provided to Ph.D. students for the duration of their studies.

Opportunities are broadly defined in the areas of material synthesis, ceramic engineering, and advanced characterization for energy-related applications. In this exciting role, you will work with a dynamic and multidisciplinary team to perform research on the topics of synthesis, characterization, and optimization of advanced energy materials for rechargeable batteries. You will support our research programs in the department aiming to develop next-generation clean energy solutions. Prospective students are encouraged to email [hou4+inquiry@clemson.edu](mailto:houl4+inquiry@clemson.edu) with a Curriculum Vitae (CV) and a concise introduction on their research background and motivations.

Desired Qualifications

- BS or MS degree in Chemistry, Material Sciences, or a closely related field.
- Experience with inorganic synthesis and electrochemical testing.
- Knowledge in solid-state physics and rechargeable battery chemistry.
- Ability to conduct independent research and work collaboratively within a team.
- Ability to write manuscripts and publish in peer-reviewed journals.
- Excellent communication and interpersonal skills.

About Clemson University

Clemson University is a leading public research institution located in Clemson, South Carolina, classified among "R1: Doctoral Universities – Very high research activity". Clemson University's College of Engineering, Computing, and Applied Sciences (CECAS) is committed to producing outstanding graduates. Our [Materials Science and Engineering](#) program ranks 29 among national public universities by US News and World Report.

Contact Us

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More details can be found on the [Graduate Program](#) page.

