



Open Ph.D. Student Positions in Sustainable and Environmental Chemistry Group

Job Description: Two graduate research assistantship positions for the Ph.D. program are available in the Department of Sustainable Bioproducts at Mississippi State University. The successful candidates will be working in the catalytic conversion of biomass to green fuels, chemicals, and sustainable aviation fuels (SAF) using novel cost-effective catalysts. The successful applicants will be receiving a degree from the Department of Sustainable Bioproducts under the College of Forestry Resources.

Qualifications: The candidate should have master's degree in chemistry. The candidate should have GPA > 3.5, and TOEFL iBT 79 or IELTS 6.5 are required for international students. The candidate should possess exemplary organization and communication skills, a strong work ethic and the ability to work alone and as part of a team in less than ideal environments. The preferred candidate should have experience and publications in the catalyst preparation and biomass conversion processes.

Terms of conditions: The selected applicant will begin project work from summer or fall 2024 for a support period of three years depending upon the performance of the student in graduate studies. The assistantship will cover graduate student's stipend, tuition waiver, and health insurance. Review of the applications will begin immediately and continue until the position is filled.

Application Deadline: While applications will be accepted until the position is filled, candidates need to submit their application to the Mississippi State University Office of the Graduate School and abide by graduate school requirements and deadlines specific to summer or fall 2024 admissions. An online application is mandatory for enrollment at Mississippi State University. Hence, interested candidates should act promptly by visiting <https://apply.grad.msstate.edu/>

How to Apply: Interested candidates should send an email with the subject line "Graduate Assistantship" to Dr. El Barbary Hassan (e.hassan@msstate.edu) containing the following items: Curriculum vitae, one-page statement of purpose, copy of transcripts, copy of TOFEL score and at least two letters of recommendation from someone who can evaluate the applicant's capacity for graduate research.

MSU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, ethnicity, sex (including pregnancy and gender identity), national origin, disability status, age, sexual orientation, genetic information, protected veteran status, or any other characteristic protected by law. We always welcome nominations and applications from women, members of any minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.