



PRAIRIE VIEW A&M UNIVERSITY

Post-Doctoral Researcher Center for Energy and Environmental Sustainability Roy G. Perry College of Engineering

The Center for Energy and Environmental Sustainability (CEES) in the Roy G. Perry College of Engineering at Prairie View A&M University is looking to fill a Postdoctoral Researcher position immediately in the area of Energy & Environmental Sustainability. Primary duties consist of, but are not limited to, conducting research such as, photochemical modeling, Life cycle analysis (LCA) of emissions and energy for various energy generation technologies, and developing emissions inventory for various energy technologies. The successful candidate will also be expected to conduct research on the new DOE project on post-combustion carbon capture, using polyethylenimine functionalized titanate nanotubes, and work and train undergraduate and graduate students on the use of research methodology, instrumentation, and safety. The position is grant funded and continued support is contingent on the availability of funding.

Post Doctoral Researcher position is primarily focused on studying the environmental impact (using mainly air quality) of various new (biofuels, wind and nuclear) and conventional (fossil fuel based) energy technologies. Life cycle emission analysis for various energy technologies and the photochemical modeling using CAMx for various energy scenarios and development of emissions inventory are the major foci for this position. The position is also expected to work on our new DOE project on post-combustion carbon capture using Polyethylenimine functionalized Titanate nanotubes. The selected candidate is expected to write proposals to funding agencies and publish in peer-reviewed journals and work with the graduate students.

QUALIFICATIONS: Interested applicants must have a Ph.D. in Environmental, Chemical, Civil Engineering or other closely related science or engineering fields. One to three years of research or laboratory experience in one or more of the following areas is required: air quality modeling, life cycle analysis of emissions or other chemical, environmental or civil engineering experience. Experience may include work as a Graduate Research Assistant. Candidate may be required to work some evenings and weekends.

APPLICATION PROCEDURE: This application deadline is July 21, 2014. To apply for this position, please visit our [previous website](#). Interested applicants will be required to submit a resume, three letters of recommendation with contact information and a copy of official transcript via the online application to be fully considered. For assistance, please contact the Office of Human Resources at 936-261-1730 or jobs@pvamu.edu.

For any questions regarding the position, please contact Director of the Center, Dr. Raghava Kommalapati, at 936-261-1656/1660 and/or email to rkommalapati@pvamu.edu.

“Prairie View A&M University is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer.”