

PhD Position announcement

Position Title	PhD Research Fellow
Job Type	Full-Time, 3 years
Starting Date	As soon as possible (~ 4 months to process VISA and relocation)
Department	Chemical Engineering, Texas A&M University at Qatar and Environmental Science, Aarhus University, Denmark (PhD enrolment)
Research Field	Air Quality Modeling and Monitoring
Major/ Essential Duties of Job	<ul style="list-style-type: none"> • research activities related to the development of a model system for air quality at address level and personal route exposure for Qatar based on the Operational Street Pollution Model (OSPM) • prepare or assist in writing manuscripts for publication in refereed journals and other technical publications
Occasional Duties	<ul style="list-style-type: none"> • have independent or supervisory roles in research • participate in preparation of proposals to funding agencies and • supervision of new graduate and/or undergraduate students
Required Education and Experience	<ul style="list-style-type: none"> • Master degree in Physics, Chemistry or Engineering or a closely related field • Strong theoretical research implementation • Strong written and verbal communication skills
Preferred Experience	<ul style="list-style-type: none"> • Atmospheric Chemistry & Physics • Experience in Geographic Information Systems (GIS) • Programming Languages (Fortran, C++, Python etc.) • Atmospheric dispersion of pollutants • Measurements of atmospheric pollution and meteorology
Salary/ Pay Basis	Commensurate up to 2,500 USD/ Monthly (based on qualifications)
Location	Doha, Qatar (2 years) and Roskilde, Denmark (1 year) (relocation is necessary)
Benefits (Qatar only)	<ul style="list-style-type: none"> • furnished housing, • annual home leave allowance, • schooling for dependents, • vehicle allowance, • medical insurance and • relocation and repatriation expenses
Submit Applications and questions via e-mail (below)	<ul style="list-style-type: none"> • Cover Letter • CV • Contact information of 3 referees. Reference letters can also be attached
Deadline	15. April 2015