

Konstantinos E. KAKOSIMOS, Ph.D.
Assistant Professor | Chemical Engineering

Researcher Position

Position Title	Postdoctoral Research Fellow or Research Associate
Job Type	Full-Time, 1 year (renewal potential)
Starting Date	Fall 2015 (~ 4 months to process VISA and relocation)
Department	Chemical Engineering, Texas A&M University at Qatar
Research Field	Air Quality Modeling and Monitoring
Major/ Essential Duties of Job	<p>research activities related to the</p> <ul style="list-style-type: none"> • development of tools for emergency preparedness and response tools for airborne hazardous materials in urban environments • development of a personal exposure and air quality modelling system
Occasional Duties	<ul style="list-style-type: none"> • prepare and assist in writing manuscripts for publication in refereed journals and other technical publications • 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"> • Doctoral degree or Master in Engineering or a closely related field • Strong theoretical research implementation • Advanced knowledge of Computational Fluid Dynamics • Strong written and verbal communication skills
Preferred Experience	<ul style="list-style-type: none"> • Commercial and Open Source CFD software packages (e.g. ANSYS, OpenFOAM) • Programming Languages (Fortran, C++ etc) • Atmospheric Dispersion of Pollutants • Inverse modelling • Atmospheric Chemistry & Physics
Salary/ Pay Basis	Commensurate up to 3,400 USD/ Monthly (based on qualifications)
Location	Doha, Qatar (relocation is necessary)
Benefits	<ul style="list-style-type: none"> • furnished housing or housing allowance, • annual home leave allowance, • schooling for dependents, • vehicle allowance, • medical insurance and • relocation and repatriation expenses
Submit Applications and questions via e-mail	<ul style="list-style-type: none"> • Cover Letter • CV • Contact information of 3 referees. Reference letters can also be attached
Deadline	<p>July 16th, 2015 for application</p> <p>Selected candidates will be contacted for Skype interview</p>