Postdoc Position in Computational Organic Chemistry at Texas A&M University

COMPUTATIONAL ORGANIC CHEMISTRY POSTDOCTORAL OPENING  
TEXAS A&M UNIVERSITY

A postdoctoral scholar position is available in the Wheeler Research Group in the Department of Chemistry at Texas A&M University (TAMU).

Initial appointment will be for one year, with possible extension to a second year. Position to start as soon as possible.

Responsibilities
Primary responsibilities will involve computational studies (mostly DFT) aimed at the rational design of stereoselective organocatalysts in which non-covalent interactions (pi-stacking interactions, cation-pi interactions, anion-pi interactions, etc.) play key roles. You will also be expected to supervise and help train graduate and undergraduate students in applications of quantum chemistry.

Successful candidates will either have prior experience in computational quantum chemistry with an interest in learning about organocatalysis, or prior experience in the field of organocatalysis with an interest in learning about computational quantum chemistry. Prior experience in both of these areas would be ideal.

Strong written and verbal communication skills are required for this position.

About the Wheeler Research Group
We work in the general area of computational physical organic chemistry. In particular, we seek to understand the effects that govern non-covalent interactions with aromatic systems through the application of computational quantum chemistry and to quantify the role of these non-covalent interactions in organocatalysis, organic electronic materials, and protein-DNA interactions. A hallmark of our work is the emphasis on building simple, physically-motivated conceptual models that are of great utility for chemists. Close ties and collaborations with experimental chemists are highly valued, since they enable us to maximize the impact of our work on the greater community of chemistry researchers.

Please consult our group website for more information:
www.chem.tamu.edu/rgroup/wheeler

To Apply
Please send a curriculum vitae and the names and contact information for two professional references to wheeler@chem.tamu.edu