Postdoctoral Position at Georgia Tech

A postdoctoral position is available in the Ng group (http://ng.chbe.gatech.edu/) at the Georgia Institute of Technology. The successful candidate will analyze a comprehensive suite of measurements conducted in urban Atlanta to investigate the impacts of changes in emissions (including but not limited to COVID-19 containment efforts) on the sources and fates of aerosols in urban environments. A specific emphasis will be placed on evaluating the impacts of changes in anthropogenic activity on organic aerosol loading and composition in the greater Atlanta region. The candidate will also have the opportunity to lead or participate in other research efforts in the Ng group, including conducting laboratory chamber experiments to study secondary organic formation from biogenic emissions, anthropogenic sources, and biomass burning emissions, as well as new field deployment projects.

Applicants should hold a Ph. D. in Chemical and Biomolecular Engineering, Atmospheric Sciences, Chemistry, Environmental Sciences/Engineering, or a related field. Knowledge and experience in operating advanced mass spectrometers (e.g., chemical ionization mass spectrometers) and field measurements are preferred, but any candidates with a strong background in aerosols will be considered. Women and minority candidates are strongly encouraged to apply.

The initial appointment will be for one year, with the expectation of renewal for at least one year upon satisfactory performance.

To apply, please email a cover letter describing your research interests, a CV, and a list of three references to Prof. Nga Lee (Sally) Ng (ng@chbe.gatech.edu). Review of applications will begin immediately and continue until the position is filled.

Georgia Tech is a unit of the University System of Georgia and an Affirmative Action/Equal Opportunity Employer and requires compliance with Immigration Control Reform Act of 1986.