

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 conduct laboratory experiments in the Georgia Tech Environmental Chamber facility (<https://coe.gatech.edu/news/air-we-breathe>) to investigate formation and fates of organic nitrates from oxidation of biogenic VOCs. A large suite of state-of-the-art instrumentation is available for chemical characterization of gas-phase species and aerosols, including a High Resolution Chemical Ionization Mass Spectrometer (HR-ToF-CIMS) with an aerosol inlet (FIGAERO) and a High Resolution Aerosol Chemical Ionization Mass Spectrometer (HR-ToF-AMS).

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 aerosol instrumentation and corresponding data analysis (e.g., FIGAERO-HR-ToF-CIMS, HR-ToF-AMS) are preferred. 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 Professor 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.