

The **SCHOOL OF CHEMISTRY AND BIOCHEMISTRY** of the **GEORGIA INSTITUTE OF TECHNOLOGY** invites applications for a 12-month, permanent, non-tenure track faculty position (Lecturer track) to provide lecture instruction in our first year (general) chemistry program and fill the role of Laboratory Coordinator for our undergraduate physical chemistry laboratory course. The successful candidate will be expected to develop content and pedagogy for the physical chemistry laboratory course in partnership with other faculty, manage delivery of the course, deliver lecture instruction in our first year chemistry program, assist with the development of content for our first-year chemistry laboratory courses, and participate in our student advisement process. The position starts on January 1, 2021 or sooner. A Ph.D. in chemistry with relevant interest and experience is required. Please submit a cover letter, CV, teaching philosophy, and arrange for three letters of reference to be submitted, via: <https://academicjobsonline.org/ajob/jobs/16600>

Review of applications will begin September 15, 2020 and will continue until the position is filled. *Georgia Tech is an equal education/employment opportunity institution.*

First-Year Instruction and Physical Chemistry Laboratory Coordinator Position

The position is a 12-month appointment to be filled by a person who will teach in our first-year chemistry program, and both lead and teach a physical chemistry laboratory course. Our first-year chemistry program consists of 3 lecture/lab courses, a single semester course principally taken by engineers who typically require no additional chemistry, and a two-semester sequence taken by majors who go on to our organic chemistry sequence. Our physical chemistry laboratory course is offered once a year and is only taken by chemistry majors (~30 per year). Applicants should have a strong background in experimental physical chemistry.

Lecturers at Georgia Tech are non-tenure track, academic faculty with a well-defined promotion track. The School's commitment to undergraduate education is evidenced by our creation of a dedicated and dynamic undergraduate program team, consisting of nine positions. They are principally dedicated to the first-year program and upper level undergraduate laboratory courses. This team works in partnership with a broad cross section of the School's faculty. Team members are expected to demonstrate leadership in undergraduate education within our School. Working with others, there will be opportunities to revise the undergraduate program and innovate the laboratory curriculum. The ability to work well with a broad range of faculty, graduate students and undergraduates is important for this position.

Applicants should have teaching experience in general or physical chemistry. We specifically seek candidates with a strong background in experimental physical chemistry. The candidate should be able to troubleshoot and maintain relevant instrumentation. The School has an electrical engineer on staff to assist with the upkeep and repair of laboratory instruments.

Responsibilities include: (1) Lecture instruction in one or more of our first-year chemistry courses, (2) all aspects of laboratory course development from developing new in-person and online experiments to preparing syllabi and grading rubrics, (3) assessment of student learning, (4) training and supervision of teaching assistants (including participation in teaching a TA preparation course), (5) management and maintenance of chemical and laboratory inventories and budgets, (6) implementation and enforcement of laboratory safety policies in conjunction with the Institute's safety guidelines, (7) laboratory instrumentation and equipment maintenance, and (8) undergraduate academic advising.

The School endeavors to provide high-quality educational experiences to students from a variety of majors across the Institute. Georgia Tech's cohort of entering undergraduate students is among the most-highly qualified at a public institution (1438 average composite SAT for entering students in Fall 2019). The School currently has approximately 150 chemistry and 250 biochemistry majors.

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