Technical Instructor

The MIT Department of Chemistry Undergraduate Teaching Laboratory (UGTL) seeks a technical instructor to co-teach Chemistry 5.310, Laboratory Chemistry and Chemistry 5.301, Chemistry Lab Techniques. This will include the development and implementation of new experiments for these courses; delivering lectures and demonstrating fundamental and hands-on knowledge of the experimental protocols for experiments; and overseeing course management, including assignments and grading. Will contribute to the Undergraduate Research Inspired Experimental Chemistry Alternatives (URIECA) program; coordinate with the director of the UGTL on day-to-day operations, including managing the 5.310 and 5.301 undergraduate laboratory and maintaining overall UGTL operations; organize and orchestrate laboratory teaching assistant (TA) orientations and training; mentor laboratory teaching assistants (TAs), including supporting activities of TAs by providing experiment demos, lecture handouts, and specific information on experiments; and coordinate with chemistry faculty to secure undergraduate research (UROP) positions for each 5.301 student. Additional responsibilities include enforcing laboratory safety regulations; maintaining minor laboratory equipment, facilities and supplies, and major instrumentation; and writing recommendation letters for students and TAs.

The Department of Chemistry provides a welcoming and supportive environment for exceptional science, teaching, mentorship, and service and seeks candidates who embody its core values of respect, well-being, inclusivity, and integrity and believes that education and research are at their finest when they include and appreciate the experiences of people of all backgrounds.

Qualifications:

- Ph.D. in chemistry or closely related field
- Demonstrated excellence in teaching
- Excellent communication, organizational, and interpersonal skills
- Commitment to undergraduate education

This is a one-year term appointment with potential for renewal upon mutual agreement. Application submission will remain open until position is filled.

Candidates are asked to express--via their cover letter--their philosophy of inclusivity and equity in higher education, including past and current activities and contributions and plans for the future. Candidates should include how they will promote diversity and inclusion in the department.

Interested candidates may apply to job #21381 via the MIT website at [https://hr.mit.edu/careers](https://hr.mit.edu/careers) and through Academic Jobs Online at [https://academicjobsonline.org/ajo/jobs/21876](https://academicjobsonline.org/ajo/jobs/21876). Please include at least two letters of recommendation in your Academic Jobs Online submission.

MIT is an equal opportunity employer. We value diversity and strongly encourage applications from individuals from all identities and backgrounds. All qualified applicants will receive equitable consideration for employment based on their experience and qualifications, and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin. MIT’s full policy on Nondiscrimination can be found [here](https://hr.mit.edu/careers).