

POSITION TITLE: Postdoctoral Research Associate

GENERAL SUMMARY: The Mace Lab in the Department of Chemistry at Tufts University (macelab.org) seeks a postdoctoral research associate whose primary responsibilities will be to lead the development of paper-based microfluidic devices that facilitate *in situ* sample processing to improve the quantitation of analytes from complex sample matrices.

The candidate should have a strong background in separation science and traditional analytical instrumentation with a specific emphasis on liquid chromatography and mass spectrometry. Preference will be given to those candidates having (i) previous experience using human blood or other complex sample matrices, and (ii) operational understanding of, or familiarity with, microfluidics, device design, and materials science principles.

The candidate should have an interest in learning to manage highly collaborative research efforts with academics and industrial partners. The candidate will contribute to preparing grant proposals and reports, writing manuscripts, and mentoring graduate and undergraduate students. The position will be available starting immediately. The initial appointment will be for one year, conditionally renewable for an additional period of 1-2 years pending regular progress evaluation and continuity of funding.

QUALIFICATIONS: Ph.D. in chemistry or a related field; strong technical expertise, demonstrated independence in the design and execution of experiments, creativity, ability to work collaboratively with partners across institutions, excellent communication skills, dedication to mentoring and outreach.

HOW TO APPLY: Candidates should email Prof. Charlie Mace: charles.mace@tufts.edu. Your email should contain a cover letter briefly describing your background and research interests as specifically related to this position, an updated CV, and the names and contact information for three references who might be contacted for recommendations. Review of applications will begin immediately.

EQUAL EMPLOYMENT OPPORTUNITY STATEMENT: Tufts University, founded in 1852, prioritizes quality teaching, highly competitive basic and applied research, and a commitment to active citizenship locally, regionally, and globally. Tufts University also prides itself on creating a diverse, equitable, and inclusive community. Current and prospective employees of the university are expected to have and continuously develop skill in, and disposition for, positively engaging with a diverse population of faculty, staff, and students.

Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty and staff and fostering their success when hired. Members of underrepresented groups are welcome and strongly encouraged to apply. Read the University's [Non-Discrimination statement and policy](#). If you are an applicant with a disability who is unable to use our online tools to search and apply for jobs, please contact us by calling Johnny Laine in the Office of Equal Opportunity (OEO) at 617-627-3298 or at johnny.laine@tufts.edu. Applicants can learn more about requesting reasonable accommodations at <http://oee.tufts.edu>.