

The Department of Biochemistry & Molecular Biotechnology at the University of Massachusetts Chan Medical School seeks applicants for a tenured or tenure track faculty position. Our faculty is committed to tackling significant biological questions at a molecular level, with research programs spanning a broad range of topics. In this new period of growth, we are recruiting faculty members working to elucidate important biological mechanisms, placing special emphasis on integrative methods and research using the physical sciences (physics, chemistry, math and engineering) to solve fundamental molecular problems in biology. We are an interactive group who encourages research at the interface of multiple disciplines, the development of enabling technologies, and team science. More information about the department can be found on our website www.umassmed.edu/bmb.

In addition to candidates that would complement the diverse intellectual environment in BMB, we encourage applicants interested in Drug Resistance or Chemical Biology to apply. BMB is closely affiliated with both The Institute for Drug Resistance www.umassmed.edu/idr and the Program in Chemical Biology www.umassmed.edu/chemical-biology, and we are actively recruiting candidates that would align with these programs.

We are searching for an enthusiastic individual, committed to diversity, creativity, and collaboration, to join our team of actively engaged faculty. The successful candidate will develop and lead an internationally-recognized, extramurally-funded research program, contribute to our missions of education, inclusion and service, and play an active role in the Department as we expand in a new phase of growth. Qualified applicants will have earned a Ph.D. in a life or physical science discipline and have a demonstrated track record of outstanding accomplishment. Applicants of all academic ranks with a strong commitment to enhancing diversity and inclusivity are encouraged to apply.

We are especially eager to consider applicants who will support and elevate the UMass Chan commitment to diversity, equity and inclusion, and foster an environment of inclusive collaborative excellence where all faculty can thrive. As an equal opportunity and affirmative action employer, UMass recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds.

The Department is housed on two floors of a modern, well-equipped, 340,000 sq ft research building on a rapidly expanding Medical School campus. Core facilities within our department include world class cryo-electron microscopy, X-ray crystallography, NMR spectroscopy, small molecule screening, structure-based drug design and mass spectrometry. Additional core facilities, including proteomics, genotyping, fluorescence-activated cell sorting, microscopy/imaging, deep sequencing, genomics/bioinformatics, transgenic/knockout mice, and metabolic phenotyping, are available. More information about core facilities on campus may be found online www.umassmed.edu/research/cores.

The University of Massachusetts Chan Medical School is a world-class public research institution located in the heart of New England. Worcester is the second largest city in New England, providing a rich and diverse environment with thriving art, music, dining and cultural scenes. Worcester is also nestled in the center of New England farm country, between the New England coast and the Appalachian Mountains providing access to a myriad of settings for outdoor activities, including beaches, woods, lakes, farms and mountains. Our region offers a broad range of excellent primary and secondary schools as well as a range of highly regarded colleges, including Clark University, the College of the Holy Cross, and Worcester Polytechnic Institute. The area boasts a variety of affordable housing options from newly renovated condominiums and gracious Victorian homes in historic Worcester to neighborhoods in

small-town New England and rural farmhouses. And Worcester's central location provides easy access to the major travel hubs of Boston and Providence. The newly constructed Polar Park is home to the Woo Sox, the minor league AAA partner to the Boston Red Sox, contributing to a revitalization of the city that has resulted in numerous new restaurants, breweries, theater groups and concert venues, and rapid growth in real estate.

Application Procedure

In order to ensure a fair assessment of applications and to mitigate unconscious bias, we ask applicants to submit an Anonymized Research Plan. The plan can refer to the applicant's experiences and qualifications but should not include the names of any researchers who performed the work, institutions where the work was done or funding organizations.

Example text:

Traditional, non-anonymized: "As a [Named Fellowship] postdoc in Professor X's lab at University of Z, I designed and built a new instrument that can [do something amazing]. I used this to discover [important finding]."

Anonymized: "As a postdoc I designed and built a new instrument that can [do something amazing]. I used this to discover [important finding]."

Example reference for Francis Crick

Traditional, non-anonymized:

Watson, JD and Crick, FH (1953). Molecular structure of nucleic acids; a structure for deoxyribose nucleic acid. Nature 171, 737-738.

Anonymized:

Applicant, author #2 of 2 (1953). A Molecular Model of DNA.

References to work in other labs need not be anonymized.

Applications will be reviewed in two phases: the first phase will be a review of the Anonymized Research Plan. The second phase will be a full review of all materials submitted.

The following application materials should be submitted via: www.academicjobsonline.org/ajo/jobs/27940.

1. A one-page cover letter describing the applicant's interest in joining BMB.
2. The applicant's CV.
3. An Anonymized Research Plan (maximum 3 pages, including figures, not including references) that describes the applicant's plan for their independent research as well as the applicant's most significant accomplishments.
4. A two-page statement describing how the applicant's lived experiences have informed their values, priorities, and career goals.
5. Contact information for three professional references who are familiar with the applicant's work and potential for success

Inquiries, but not application materials, should be directed to the Chair of the Faculty Search Committee, Dr. Nick Rhind nick.rhind@umassmed.edu. Applications will be accepted until October 1, 2024. Evaluation of applications will begin as soon as they are received.