Tenure Track Positions
Biologic and Materials Sciences & Prosthodontics
The University of Michigan

The Department of Biologic and Materials Sciences & Prosthodontics in the School of Dentistry at the University of Michigan is recruiting outstanding scientists for two tenure track positions at the assistant/associate professor level. Applicants should have established or demonstrate promise for independent research that broadly fits within the department scope of craniofacial and oral biology at genomic, molecular, cell, tissue and systems levels.

The School of Dentistry at the University of Michigan is currently the #1 ranked dental school in the U.S. according to two independent rankings. Eighteen faculty members within the department have active research projects funded by various agencies including NIDCR, NINAD, NHLBI, NIDCD, and NINDS. The total 2018-2019 active direct external funding in the department was more than 40 million dollars. Current strengths of the Department include sensory neurobiology and pain; signaling regulation in craniofacial development; mineralized tissue genetics, maintenance, and regeneration; biology and innervation of oral glands; and bioengineering. Candidates using cutting-edge approaches to address fundamental questions in biological sciences are strongly encouraged to apply. Research foci for the new positions include, but are not limited to, regenerative/precision medicine; microbiome/host interaction; omics and big data science; computational biology; advanced live imaging of cell dynamics; oral sensory neurobiology; epithelial and glandular cell and systems biology; integrative/organ physiology; biomedical engineering.

The position requires a Ph.D. and relevant postdoctoral experience. Faculty members are expected to establish and maintain nationally competitive, externally funded research programs and to participate in professional and graduate teaching. The department offers an outstanding work setting and is noted for a highly collaborative research environment with colleagues across several schools and colleges at the University of Michigan.

Excellent University-wide resources are available to support faculty members including outstanding core facilities in sequencing, flow cytometry, biostatistics, bioinformatics, proteomics, transgenic animal models, metabolic and skeletal phenotyping, and microscopy (https://cores.research.umich.edu). The successful candidate will also have access to the Regenerative Medicine Resource Center (https://dent.umich.edu/research/regenerative-medicine-resource-center), the Michigan Microbiome Project (https://microbe.med.umich.edu/), the Michigan Integrative Musculoskeletal Health Core Center (https://mimhc.med.umich.edu), the Center for Organogenesis (https://medicine.umich.edu/dept/center-organogenesis), and the opportunity to participate in well-established Ph.D. programs in Cellular and Molecular Biology, Cancer Biology, Neuroscience, and Oral Health Sciences, as well as the broader Program in Biomedical Sciences, which encompasses 14 degree-granting doctoral programs.

Applicants should submit a cover letter, curriculum vitae, 2-3 page research plan, and contact details for three professional references using our secure website: http://facultyrecruiting.dent.umich.edu. For earliest consideration, applications should be received by November 30, 2019. Initial reviews will begin in December 2019; however, applications will be accepted and evaluated on a rolling basis until the positions are filled.

The University of Michigan is an Equal Employment Opportunity/Affirmative Action employer. Qualified women and minorities are encouraged to apply. The University of Michigan and the Department of Biologic and Materials Sciences & Prosthodontics value contributions to diversity, equity, and inclusion (https://diversity.umich.edu/). We encourage applicants to comment (in a separate statement or in the cover letter) about how their research, teaching, and/or service in the past, present, and/or future could contribute to these values.

Further information may be obtained by visiting http://dent.umich.edu/bmsp. Questions regarding the position description should be directed to the Search Committee Chair, Fei Liu (feiliu@umich.edu). For other questions regarding the application or search process, please contact Katrice Yarrington (kyarrin@umich.edu).
The University of Michigan provides an extraordinary venue for interdisciplinary collaboration, with extensive resources to assist professional growth and development. Tailored, university-wide mentoring programs are crafted for new faculty members. Known for exceptional K-12 schools, the University Musical Society, sports, restaurants, and a lively arts culture, Ann Arbor is consistently rated as one of the best places to live.