

APPLICATION INSTRUCTIONS

The University of Michigan School of Dentistry's Department of Cariology, Restorative Sciences, and Endodontics offers an opportunity for a 12-month, full-time Dental Postgraduate Program in Regenerative Dentistry, starting January 1 and ending December 31 of the same year or starting September 1 and ending August 31 of the following year.

Regenerative dentistry is an interdisciplinary field, which aims to repair or regenerate damaged tissues using biomaterials and cell technologies. This unique program is designed to offer a solid background in biomaterials and tissue engineering applied to dental, oral, and craniofacial tissue regeneration. As a multi-disciplinary program, the Regenerative Dentistry Postgraduate training is appropriate for a wide range of students. Graduates with doctoral and/or bachelor degrees in biological (e.g., dentistry, pharmacy, medicine, veterinary medicine, etc.) or physical sciences (engineering related areas) are encouraged to apply. Students enrolled in the program will receive in-depth didactic and research training on the principles of tissue engineering and its applications in regenerative dentistry. Moreover, students will also be given the opportunity to observe affiliated residents within the disciplines of endodontics and restorative dentistry. A full year research project, on a topic identified in conjunction with the Program Director will grant hands-on experience in biomaterials and tissue engineering research. The project will be assessed by an oral presentation at an end of year symposium, overall research performance, and by submission of a manuscript for publication in a peer-reviewed journal. You will also be encouraged to present your work at local (U-M School of Dentistry Annual Research Day) and national (American Association for Dental Research) meetings.

Core courses will provide solid knowledge in stem cell and molecular biology, organogenesis, fundamental principles of biomaterials, tissue engineering, and biostatistics. A key differential of this program is the 1-year continuous research immersion, which will strengthen your ability to analyze and interpret data and summarize your findings in the form of written reports and oral presentations. Upon successful completion of the Dental Postgraduate Program in Regenerative Dentistry, student participants will be well positioned to seek further academic clinical training (dental specialties) or PhD training.

It is coordinated through the Office of Academic Affairs and is awarded a Certificate of Attendance at the end of the program.

Visit the Regenerative Dentistry page on the University of Michigan School of Dentistry website for detailed information.

Enrollment number: up to four (4) postgraduate students will be accepted per year.

Application Requirements

Prospective students should apply directly to the Dental Postgraduate Program in Regenerative Dentistry. The program application should be downloaded from the program website and completed in its entirety.

The application must be complete before it is reviewed by the Program Director. The following items **MUST** be provided for an application to be considered complete.

Application End date: June 1 (Start date September 1) or October 1 (Start date January 1)

- (1) Completed Program Application (available online).
- (2) Curriculum Vitae must be included with the application.
- (3) If your school instruction was NOT in English, you must provide documentation of English language proficiency by submitting TOEFL scores. A minimum TOEFL iBT (internet-based test) of 84 is required. Please submit a notarized copy of your official TOEFL score report with this application. At this time, please do not submit scores electronically to the University of Michigan
- (4) Three letters of recommendation. The letters should include an assessment of the applicant's background (dental if applicable), knowledge, character, and clinical skills as well as potential for success in an advanced dental education or PhD program.
- (5) The applicant should write a statement of Purpose. The essay should be typewritten with 1-inch margins, size 12 font, and be no more than 1 page in length.
- (6) International applicants must be eligible for an appropriate visa to enter the United States. International applications are required to complete the International Student Supplemental Application Form. For questions regarding visa eligibility, please contact the UM International Center directly by email icenter@umich.edu or phone.
- (7) Transcripts of all dental or professional education completed. Official transcripts of all education (dental, if applicable) in the original language accompanied by a certified English translation are required. If applicable, a diploma from a recognized dental school in the original language accompanied by a certified English translation is required if available.
- (8) Internationally trained dentists (DDS or BDS) will complete the Credentialing form and supply documentation as required. Form will be submitted to the Office of Patient Services for approval, receipt of approved credentialing form from the Director of Patient Services is required before proceeding any further. If not approved, then the student will not be admitted to the program and thus will be notified in writing.
- (9) The Director of the Dental Postgraduate Program reviews the CV and additional information of the interested student to determine if they are qualified for the program. An on-site or telephone interview with the program director is required for acceptance to the program.

Applicants Selected for Admission

The program is for a 12-month period of study starting on January 1 and ending on December 31 of the same year or starting on September 1 and ending on August 31 of the following year. Program fees for the one-year program is \$35,000 (USD). If you are admitted to the program and are not a US citizen or permanent resident, you will need to submit financial certification documents in order for the University of Michigan to issue an appropriate visa for study. Do not submit financial documents now. Further information about the financial certification process will be provided to applicants selected for admission.

Please mail your complete application package to:

Dental Postgraduate Program in Regenerative Dentistry
ATTN: Marco C. Bottino, DDS, MSc, PhD, FADM
University of Michigan School of Dentistry
1011 N University Ave, Room 2500
Ann Arbor, MI 48109-1078

For further information:

Telephone: 734-763-2206 Fax: 734-936-1597

Website: <https://dent.umich.edu/education/regenerative-dentistry-graduate-program-non-degree>

Email: mbottino@umich.edu