

Welcome!

The School of Dental Medicine, Case Western Reserve University, presents an innovative, dual-degree program in conjunction with the School of Medicine.

This program is made possible by the National Institute of Health (NIH) Ruth L. Kirschstein National Research Service (T32) Training Grant.

By design, this dual-degree ensures a continuous supply of dentists pursuing academic careers and bringing scientific advancements to solving clinical problems. By incorporating an evidence-based culture of inquiry and extensive research experience in our program, our graduates will be well-equipped to create new approaches to diagnosis, treatment, and prevention of oral diseases. The graduates of this program will be capable of conducting **clinical** and **translational research** investigating oral health problems and disparities from an individual, family, and community perspective.

KEY FEATURES

- Five year program
- Assigned an advisor and a Mentor
- “Protected time” is established for students to complete course load
- Core Dental and Master’s courses including basic science, and clinical instruction
- Research rotations
- Master’s Thesis Research
- Scientific presentation at the International Association of Dental Research (IADR) or American Association of Dental Research (AADR) conference

INITIAL REQUIREMENTS

- Current 1st or 2nd year CWRU DMD student in good standing
- Open to U.S. Citizens and permanent residents

SCHEDULE

	Program	Instruction
Year 1	DMD (Year 1)	DMD Courses
Year 2	DMD (Year 2)	DMD & Grad Courses
Year 3	DMD (Year 3) or Master’s Year	DMD & Grad Courses or Research & DMD Clinical Work
Year 4	DMD (Year 3/4)	DMD & Grad Courses
Year 5	DMD (Year 4) or Master’s Year	DMD & Grad Courses or Research & DMD Clinical Work

MERITS OF DUAL DEGREE

- Promotes academic excellence
- Evidence based culture of inquiry
- Positive impact on patient care
- Development of innovative paradigms for the diagnosis, treatment, and prevention of oral disease
- Addresses oral health disparities and delivery of care in diverse communities

COMPENSATION

For the full-time Master’s Degree year...

- **NIH Stipend***
- **Master’s Degree Tuition & Fees***
- **Health Insurance***
- **Trainee Travel***

** subject to NIH funding guidelines*



Translational Research: from bench to dental chair & back



DEFINITIONS

Clinical Research:

(Patient-oriented research) Research conducted with human subjects (or on material of human origin such as tissues, specimens and cognitive phenomena) for which an investigator (or colleague) directly interacts with human subjects. Excluded from this definition are in vitro studies that utilize human tissues that cannot be linked to a living individual. Patient-oriented research includes: (a) mechanisms of human disease, (b) therapeutic interventions, (c) clinical trials, and (d) development of new technologies; (2) Epidemiologic and behavioral studies; (3) Outcomes research and health services research.

Translational Research:

The process of applying ideas, insights, and discoveries generated through basic scientific inquiry to the treatment or prevention of human disease.

DMD-MCRT Program

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Program Director
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You can visit us on the
web...

DMD-MCRT Program website:
<http://dental.case.edu/dmd/clinical.html>

Dental Admissions:
<http://dental.case.edu/admissions/>



DMD & Master's in Clinical Research Training

School of Dental Medicine

Case Western Reserve University



DMD-MCRT Program

Dual Degree in Clinical Research Training

Preparing Dental
Professionals for Life -Long
Learning, Clinical Research,
and Academia