



University of Nebraska Medical Center (UNMC) College of Dentistry

Information for Prospective Students

About Our Postgraduate Programs

Residency Programs

The University of Nebraska Medical Center (UNMC) College of Dentistry has six exceptional postgraduate residency programs:

1. Advanced Education in General Dentistry - For individuals who seek advanced training in delivering comprehensive care to diverse patients. Residents receive training in their areas of interest, including endodontics, prosthodontics, orthodontics, oral surgery, periodontics, implantology, TMD and more.
2. General Practice Residency - For individuals who seek advanced experience addressing not only the dental needs of patients, but also their broader medical concerns. Residents have a variety of clinical and operating room experiences in both general dentistry and oral surgery.
3. Endodontics
4. Orthodontics
5. Pediatric Dentistry

6. Periodontics

These programs offer well-rounded, hands-on residency experiences, including opportunities to perform cutting-edge research.

UNMC Medical Sciences Interdepartmental Area (MSIA) Program

The UNMC Department of Oral Biology/ UNMC Medical Sciences Interdepartmental Area (MSIA) Program offers opportunities for residents and graduate students to pursue a graduate degree in preparation for careers in research and academic dentistry.

Students can obtain their Master of Science and Doctor of Philosophy degrees with specialization in a variety of biomedical disciplines.

The program emphasizes basic research on clinically important problems concerned with the biological, chemical and physical basis of issues related to oral health.

dentistry, DNA damage and repair in cancer biology, treatment of periodontal disease, and oral health training and service.

Research Stats (2022-2023 academic year):

- Faculty, staff and residents authored 114 scientific publications and 6 textbook chapters in the past 5 years.
- Received \$1,187,036 in extramural research support.

About Our Research Program

The UNMC College of Dentistry has a 125-year tradition of excellence in education, patient care and research. Research is an integral part of the College's mission to "continually improve the oral health of the people of Nebraska and beyond."

Research Focus Areas: Studies on cell signaling in skin biology, palatal fusion, oral and other cancers, dental materials, digital

Recent resident research awards:



Paula Cohen Schlemmer, DMD, a periodontics resident, won the 2023 American Academy of Periodontology Balint Orban Research Competition

for Clinical Research. Dr. Schlemmer's presentation showcased her research project for her master's degree in oral biology which explored the role that aging plays in the gene expression of fibroblasts and the subsequent healing of a patient's extraction site.



Joyce Lee, DDS, a periodontics resident, won the 2023 American Academy of Periodontology Research Forum Poster Competition. She also received the

overall Clinical Impact Award. Dr. Lee's presentation showcased her research project for her master's degree in oral biology which aimed to better understand the significance of serum anti-malondialdehyde-acetaldehyde antibody concentrations on the association between periodontitis and rheumatoid arthritis.

For information on how to apply to UNMC postgraduate programs, visit:

unmc.edu/dentistry