



University of Nebraska Medical Center (UNMC) College of Dentistry

Information for Prospective Faculty

About Our Research Program

The University of Nebraska Medical Center (UNMC) College of Dentistry, located in Lincoln, Nebraska, 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 dentistry, DNA damage and repair in cancer biology, treatment of periodontal disease, and oral health training and service.

Facilities include the Cruzan Center for Dental Research: The Center was established to conduct clinical trials and clinical studies and receives funding from the National Institutes of Health (NIH), private foundations and industry.

Exciting Opportunities for Basic Scientists & Clinician-Scientists

The UNMC College of Dentistry is currently engaged in ongoing recruitment of basic scientists and clinician-scientists.

The College’s research team has grown substantially in the last few years due to the recruitment of clinician-scientists who have expertise in the areas of orthodontics and geroscience, operative dentistry and dental materials, digital dentistry, and public health dentistry. Ample opportunities for research

Research Fast Facts 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 for studies on cell signaling in skin biology, palatal fusion and cancer, dental materials, digital dentistry, DNA damage and repair in cancer biology, and more.
- Received sustained support from the National Institutes of Health (NIH), averaging over \$1.3 million per year for the past 10 years, despite having the 10th smallest dental student class size.
- 14 grants awarded to faculty and staff.
- 100% of dental and dental hygiene students conduct research.

program growth also exist through the development of collaborations with investigators and programs within other UNMC colleges and at the University of Nebraska-Lincoln.

We invite applicants from diverse backgrounds to apply for our full-time, tenure-leading faculty positions available immediately, to complement and/or expand the College’s current research and academic programs.

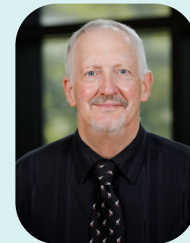
Learn more & apply at: unmc.edu/dentistry.

Our research team includes:



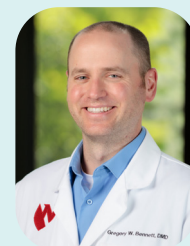
Po-Jung Chen, DDS, MDS, MDentSc, is an associate professor of orthodontics. He is studying the translational potential of FDA-approved products in alleviating

TMJ degeneration. The goal of the NIH-funded research is to regenerate diseased TMJ. Dr. Chen has received many research awards, including the American Association of Orthodontists Wayne G. Watson Award for Biologic and Experimental Research.



Mark W. Beatty, DDS, MSE, MSD, MS, is a professor of adult restorative dentistry. He leads the College’s Biomaterials Research Team. Dr. Beatty’s research in facial pros-

thetic materials is aimed at developing long-lasting and color-stable artificial replacements to improve the quality of life for those with facial disfigurement.



Gregory Bennett, DMD, is an associate professor of adult restorative dentistry. Dr. Bennett conducts research in digital dentistry and computer-aided design and manufacturing

(CAD/CAM). His cutting-edge research involves 3D printable biomaterials.