

POSTGRADUATE PROGRAMS

Advanced education for students at the College of Dentistry may take one of three forms: graduate education, certificate training in a clinical area or specialty, or continuing education.

The Medical Sciences Interdepartmental Area (MSIA) Graduate Program is part of the graduate program of the University of Nebraska and is administered by the Office of Graduate Studies of the University of Nebraska Medical Center.

The certification programs are administered by the College of Dentistry.

Applicants must have a professional dental degree from an A.D.A. accredited dental college or school with the degree designation of Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD). Provisional acceptance exists for students in the final stages of dental education. In addition, the applicants must have a valid license to practice within the United States of America or be licensed as such by the time they are to begin the postgraduate program in orthodontics. Once accepted, a Nebraska dental license is required to participate in the program. At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the postgraduate endodontic training program. This is because of licensing restrictions.

Postgraduate Programs Catalog Disclaimer

This is a general information publication. It is not intended to, nor does it, contain all regulations that relate to students or complete descriptions of postdoctoral programs. The provisions of this view book do not constitute a contract, express or implied, between any applicant, student or faculty member of the University of Nebraska Medical Center, the College of Dentistry, or the University of Nebraska system. The University of Nebraska reserves the right to withdraw courses at any time, to change tuition or fees, calendar, curriculum, degree requirements, graduate procedures, and any other requirement affecting students. Stipend support is contingent upon continued availability of federal funds. Changes will become effective whenever the proper authorities so determine."

Graduate Education

The Medical Sciences Interdepartmental Area (MSIA) Graduate Program is intended to prepare qualified applicants for careers in research and teaching. This program has a flexible curriculum including academic coursework and laboratory research designed for the student interested in working towards a traditional research oriented biomedical sciences Master of Science or the Doctor of Philosophy (Ph.D.) degree. The program is offered through the UNMC Office of Graduate Studies under the auspices of the College of Dentistry Department of Oral Biology. A qualified student with an interest in the biomedical sciences may apply but must have a bachelor's degree with a B average (3.0) or better. A Master of Science program requires at least two years and a Ph.D. program requires at least four years of study. Please consult the UNMC Graduate Studies Web site for further details at: <http://catalog.unmc.edu/graduate-studies/> . (<http://catalog.unmc.edu/graduate-studies/>)

Certification Program

Postgraduate programs at the College of Dentistry lead to attainment of a Certificate of Specialization in Endodontics, (<https://www.unmc.edu/dentistry/programs/postgraduate/endodontics.html>) Orthodontics and Dentofacial Orthopedics (<https://www.unmc.edu/dentistry/programs/postgraduate/orthodontics.html>), Pediatric Dentistry (<https://www.unmc.edu/dentistry/programs/postgraduate/pediatrics.html>),

Periodontics (<https://www.unmc.edu/dentistry/programs/postgraduate/periodontics.html>), Certificate of Completion in General Practice (GPR) (<https://www.unmc.edu/dentistry/programs/postgraduate/aegd.html>), or a Certificate of Completion in Advanced Education in General Dentistry (AEGD (<https://www.unmc.edu/dentistry/programs/postgraduate/aegd.html>)). All programs are under the direction of the College of Dentistry Postgraduate Education Committee.

Postgraduate programs at the College of Dentistry are open to graduates of American Dental Association-accredited D.D.S. and D.M.D. programs in the United States and Canada. Candidates for a dental degree may be provisionally accepted into postgraduate programs pending the awarding of their dental degree. In order to be accepted into programs in Periodontics, Pediatric Dentistry, General Practice, or AEGD students must be able to obtain a Nebraska dental license (temporary or regular).

Admissions to pursue postgraduate work are limited to the number which can be handled to the advantage of the students and the College. Preference will be given to those who have adequate preparation and aptitude for their chosen program. All programs start in July 1 of each year.

Applicants with dental degrees from colleges or universities in which instruction is in a language other than English will be required to demonstrate acceptable proficiency in English before their application will be considered. Proficiency will be evaluated by the program director from the area to which the applicant is applying and must include a minimum score of 550 from the Test of English as a Foreign Language (TOEFL).

Applicants interested in Pediatric Dentistry, Endodontics, Periodontics, Orthodontics, Advanced Education in General Dentistry, or General Practice Residency must apply through the Postdoctoral Application Support Service (PASS) (<http://www.adea.org>). Orthodontics, Periodontics, and Pediatric programs also participate in the National Matching Program National Matching Services, Inc. Information is available at <http://www.natmatch.com/dentres> (<http://www.natmatch.com/dentres/>).

Application deadlines: The year preceding program starting dates postgraduate programs in Endodontics, Periodontics, Orthodontics and Pediatrics. Application deadlines for AEGD and GPR programs are in March, the same year as the starting date of the program.

Applicants having specific questions about applications, fees, stipends, curriculum, etc., should contact the program director of the specific program to which they are applying:

July 1	Endodontics
September 1	Orthodontics and Dentofacial Orthopedics
October 1	Pediatric Dentistry
August 1	Periodontics
March 15	General Practice (GPR)
March 15	Advanced Education in General Dentistry (AEGD)

Endodontics	Dr. Anne E. Williamson
Orthodontics and Dentofacial Orthopedics	Dr. Meenakshi Vishwanath
Pediatric Dentistry	Dr. Zachary Houser
Periodontics	Dr. Matt Byarlay
General Practice (GPR)	Dr. Kathy O'Brien-Ausman

Advanced Education in General Dentistry (AEGD) Dr. Jay Hansen

Postgraduate Program Policies and Procedures

Academic Performance

If a student does not receive a passing grade in a program component, the student will be placed on academic probation until the component is completed, or until the end of the next academic session in which that component is offered, or as determined by the Postgraduate Education Committee, whichever occurs first. A student on academic probation will have a Hold placed on his or her future registration, and will need to meet with the Associate Dean for Education before registering for any subsequent semesters/sessions. Probationary status may affect student's eligibility for certain student activities and for financial aid. A failed subject must be absolved by satisfactorily retaking the component at a time approved by the program director and the course director. If, by the end of academic probation, the student does not pass the component the next time it is offered or remove the deficiency, the student is not eligible for registration and will be dismissed from the College.

A student who has failed the same subject twice, here or elsewhere, is not eligible for registration in the College. Any student who fails more than two components in any academic semester or session will be dismissed from the College of Dentistry. Any student dismissed for academic reasons may petition for readmission. The Postgraduate Education Committee will act on the petition and, if in the affirmative, will prescribe the academic readmission level. The committee's recommendation will be forwarded to the Dean for final approval.

The Postgraduate Education Committee reserves the right to dismiss a student from the College of Dentistry whenever he or she does not, in its judgment, show sufficient promise to justify allowing him or her to continue studies regardless of grades. Students, at all times, are expected to conduct themselves in a professional manner. Misconduct, either in or out of the College, will not be tolerated and may serve as grounds for dismissal.

The faculty of the College of Dentistry has determined that violation of the Academic Integrity and Professional Guidelines such as cheating, academic misconduct, fabrication and plagiarism will automatically result in failure of the course.

Admissions Process

1. All applications will be forwarded to the correct department when the application deadline has passed. The Program Director will establish a Review Committee including at least two representatives from the department to review applications.
2. The Review Committee will determine acceptable candidates and forward the files to the Associate Dean for Education. The Associate Dean will make the files available to the Postgraduate Education Committee for evaluation. A majority of this committee must approve acceptance.
3. If the candidate is approved, the Associate Dean for Education will inform the Program Director and formally notify the candidate of acceptance and request an admission deposit.

Evaluation & Grades

Students are registered each academic session with the University of Nebraska Medical Center in the postgraduate program of their declared specialty area. Component lectures, seminars, clinics and rotations of each program are graded on a Pass/Fail basis by the course director and recorded at the College of Dentistry. Unless different arrangements are made by a program director before the initiation of a component course, it is expected that a Pass grade will designate that all criteria have been met.

Credit will not be given for completion of an academic session until students achieve a Pass grade in all components of the postgraduate program. If one or more components (e.g., seminars, didactic courses, clinic) of the program is not satisfactorily completed, an Incomplete will be recorded for that academic session on University records. Satisfactory completion of the component must be achieved in a manner designated by the course director. Reexamination, remediation and reexamination, or repeating the component are the customary methods to resolve the issue. The Incomplete on University records will be changed to a Pass when the director of each component notifies the Associate Dean for Education that the student has satisfactorily completed the component(s). This notification must take place no later than the end of the next academic session in which the component is offered. An incomplete that remains at the end of that academic session will be changed to a Fail (F) on University records.

A Certificate of Specialization will not be awarded until a Pass grade is recorded on University records for every component of a program.

Postgraduate Committee

Each student will have an Advisory Committee consisting of at least two faculty members. One member will be the program director and one additional advisor may be chosen from the faculty. Members of the Committee must have an academic appointment of 0.5 F.T.E. or greater. This committee should be selected by October 15 of the first year in training and submitted to the Postgraduate Education Committee.

The Advisory Committee has the responsibility for guiding the postgraduate program of the student, informing the PEC of student progress and recommending to the PEC whether or not the student has fulfilled all the departmental requirements and is ready to receive a Certificate of Specialization. Students should check with specific clinical departments for a listing of their requirements for the Certificate of Specialization or Certificate of Completion.

A report from the Advisory Committee must be filed at the completion of each academic session with the PEC. Grades will not be recorded for a student until the Advisory Committee report is received.

Program Requirements

Each student will successfully complete a program of study and additional requirements outlined by the individual program director and approved by the College of Dentistry Postgraduate Education Committee. Upon successful completion of all phases of the program and the recommendation of the program director, the Postgraduate Education Committee will certify the awarding of a Certificate of Specialization or Certificate of Completion.

The program of study for each postgraduate program is determined by the respective departments in accordance with the Commission on Dental Accreditation standards and in accordance with the College of

Dentistry Postgraduate Education Committee (PEC) and recommendation of the individual Program Director.

Each program requires successful completion of all phases of the outlined program within a time designated by the PEC.

Students within the postgraduate program may be simultaneously pursuing an advanced degree (MS or PhD) within UNMC Graduate Studies. The criteria for completion of the programs are independent. Successful completion of one set of criteria does not ensure the attainment of the other.

Rights & Responsibilities

The Bylaws of the Board of Regents protect the rights of each member of the University Community. Each individual has the right to be treated with respect and dignity, and each has the right to learn. With these rights comes the responsibility of each individual to maintain an atmosphere in which others may exercise their human rights and their right to learn. Chapter V of the Bylaws of the Board of Regents fully delineates the rights and responsibilities of students.

Access to student records

The University of Nebraska Medical Center College of Dentistry policy regarding student file information is in compliance with provisions of the Buckley Amendment. A full statement of policy is on file in the Registrar's Office and may be examined anytime during business hours.

Grades Appeals

As provided by the Bylaws of the Board of Regents of the University of Nebraska, postgraduate students enrolled in the College of Dentistry have the right to challenge any evaluation of their academic progress that they feel has been "prejudiced or capricious." The College of Dentistry follows the appeal process as described in the University of Nebraska Medical Center document entitled "Procedural Guidelines for Handling Student Appeals of Academic Evaluations." A copy of the "Guidelines" is on file in the Office of the Dean.

A student may initiate the appeal process by first discussing the matter with the instructor involved. If a satisfactory agreement cannot be met, the instructor will inform the student of the appropriate appeal procedures, as defined in the UNMC Procedural Guidelines for Handling Student Appeals of Academic Evaluations.

A student who wishes to appeal a grade assigned by a faculty member of the UNMC (Omaha) campus may appeal to the chair of the department granting admission to the course. If the grade is assigned by a faculty member of the UNMC (Omaha) campus as a disciplinary action, the student may appeal to the College of Dentistry Student-Faculty Hearing Board.

Student grade appeals within the College of Dentistry will fall under the jurisdiction of the Grade Appeals Committee of the College of Dentistry.

Student Discipline

In accordance with Section 5.4 of the Bylaws of the Board of Regents and to ensure the protection of students' rights, the University of Nebraska Medical Center has established general procedures that must be followed if any disciplinary action is proposed against students. Students will be informed in writing by the Dean's Office of the specific charges, the supporting evidence, and the proposed disciplinary action. The Dean's Office will also inform students of their right to appeal. The UNMC

"Procedural Rules Relating to Student Discipline" may be found in the UNMC Student Handbook. The code of Student Discipline is published in the College of Dentistry Operations Manual.

Sexual Harassment

It is the policy of UNMC and the College of Dentistry that sexual harassment will not be condoned, and that prompt and appropriate corrective action will be taken against any employee or student found violating this policy. Prompt and appropriate corrective action also will be taken in instances of irresponsible, false accusations of sexual harassment. A complete statement of Policies and Procedures Regarding Sexual Harassment is on file in the offices of the Dean and Associate Dean of Academic Affairs and is available on request.

Continuing Education Courses

These are of short duration, designed as updates, reviews, and new techniques for dental professionals. The courses are administered by the Director of Continuing Education. All inquiries concerning such courses should be made to the Director of Continuing Education at the College of Dentistry. UNMC College of Dentistry Continuing Education. (<https://www.unmc.edu/dentistry/continuinged/>)

Endodontics Advanced Specialty Education in Endodontics

The University of Nebraska Medical Center College of Dentistry has offered a fully accredited advanced education program in endodontics since 1970. The program leads to a certificate of specialization in endodontics which satisfies the requirements mandated by the American Board of Endodontics for examination and board certification.

The goals of the certificate program are to:

- Recruit competent interested highly qualified dental citizens of Nebraska, other U.S. states and/or from other countries.
- Provide a high standard in education and training to pursue careers in dental academic and/or private practice necessary to be proficient in endodontics.
- Provide the highest quality of diagnosing and treatment planning for various pulpal and periapical conditions to the residents of Nebraska and the Midwest.

Deadline for applications: July 1

Curriculum

Length: 24 consecutive months, starts first of July of each year.

Course Title: ENDO 772 Post Grad Endodontics

Summer Term I

Project Planning & Design 1st year Resident
Advanced Pre-Clinical Endodontics 1st year Resident
Literature Review 2nd year Resident
Current Literature 2nd year Resident
Clinical Endodontics 2nd year Resident

Fall Term

(Aug through Dec): (*the course is offered every other year)

Oral Pathology 1st year Resident

*Advanced Microbiology & Immunology 1st & 2nd year Resident

Oral Anatomy 1st year Resident

*Advanced Oral Biology 1st & 2nd year Resident

Literature Review 1st & 2nd year Resident

Medical Management/Emergencies 1st year Resident

Current Literature 1st & 2nd year Resident

Clinical Endodontics 1st & 2nd year Resident

Case Presentation 1st & 2nd year Resident

Supervision, Clinical Teaching 2nd year Resident

Spring Term

(Jan through May): (*the course is offered every other year)

* Advanced Clinical Pharmacology 1st & 2nd year Resident

*Advanced Biostatistics 1st & 2nd year Resident

Conscious Sedation 1st year Resident

Physical & Laboratory Diagnosis 1st & 2nd year Resident

Literature Review 1st & 2nd year Resident

Current Literature 1st & 2nd year Resident

Clinical Endodontics 1st & 2nd year Resident

Case Presentation 1st & 2nd year Resident

Supervised, Pre-Clinical Teaching 1st year Resident

Summer Term II

Endodontic Topics 1st & 2nd year Resident

Literature Review 1st & 2nd year Resident

Current Literature 1st & 2nd year Resident

Clinical Endodontics 1st & 2nd year Resident

Case Presentation 1st & 2nd year Resident

1. APPLICATION AND ADMISSION

- **July 1** is the deadline for all applications to the University of Nebraska Medical Center College of Dentistry Endodontic Graduate Program.
- All postgraduate programs admissions and forms at the College of Dentistry are handled by the office of postgraduate admissions. Please direct any questions regarding application, procedures, forms, or requirements to Julie Buss, 402-472-6261, jbuss@unmc.edu. The up-to-date information can be found at the web site <https://www.unmc.edu/dentistry/>, look under Programs, then Postgraduate Program.
- Postgraduate program in Endodontics requires all applicants to submit an on-line application through the Postdoctoral Application Support Service (PASS) (<https://www.adea.org/PASSapp/applicants/>), supplemental application and a \$50 application fee.
- The Supplemental UNMC Postgraduate Program application and fee payment are online and instructions will be sent to you by email after you have submitted the PASS application.
- The application needs to be complete for an applicant to be considered during review process.
- The PASS website has an August 1st deadline, but the University of Nebraska Medical Center College of Dentistry Endodontic Graduate Program is **July 1st**. Please be mindful of this discrepancy when you apply through PASS.

2. WHO CAN APPLY?

- Must have a professional dental degree from an A.D.A.-accredited dental college or school with the degree designation of Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD).
- Provisional acceptance exists for students in the final stages of dental education.
- In addition, the applicants must have a valid license to practice within the United States of America or be licensed as such by the time they are to begin the postgraduate program in endodontics. Once accepted, a Nebraska dental license is also required to participate in the program.
- At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the postgraduate endodontic training program. This is because of licensing restrictions.

3. APPLICATIONS FOR THE PROGRAM ARE EVALUATED ON THE BASIS OF THE FOLLOWING FACTORS (Listed in order):

- G.P.A.
 - Completed/currently in Advanced General Dentistry Programs/ General Practice Residency Programs.
 - Research activities and publication
 - Recommendations and interest in Endodontics
 - Academic/teaching interest.
 - Private Practice experience
- **INDIVIDUALS SELECTED FROM THE APPLICANT POOL FOR CONSIDERATION FOR ADMISSION ARE INVITED FOR A PERSONAL INTERVIEW WHICH IS AN ADDITIONAL BASIS FOR SELECTION OF CANDIDATES.**

4. REQUIREMENTS UPON ACCEPTANCE IN THE PROGRAM

- Deposit:** To reserve your position in the program, it will be necessary for you to forward a deposit of \$400 along with a letter of acceptance of the position. This deposit will be applied to your postgraduate program fees when you matriculate. It will be forfeited if you fail to enroll in July.
 - Immunizations:** Each entering resident must verify at the time of matriculation that he or she has completed the accepted routine of vaccinations. An immunization record (<https://catalog.unmc.edu/general-information/student-policies-procedures/immunization-policy/>) is required in order for the resident to be registered.
 - Nebraska Licensure:** All postgraduate residents are required to get a Nebraska Dental License (temporary or regular) and federal and state DEA licenses before September 1 of the year of their admission. Failure to obtain Nebraska Dental License and federal and state DEA licenses by September 1 will result in a reduction of duties, reduction or elimination of stipend, an extension of time necessary to complete program requirements, or dismissal from the program. It is possible for a resident who has graduated from an A.D.A. accredited American or Canadian dental school to obtain a temporary Nebraska Dental License during the time he or she is enrolled as a full time postgraduate resident. The temporary license is only for practice related activities within the College of Dentistry.

After acceptance into the postgraduate program licensure information may be obtained from the Nebraska Department of Health and Human Services, Division of Public Health

Licensure Unit, P.P. Box 94986, Lincoln, NE 68509. For a regular license, the State Board accepts the results of the clinical examination given by the Central Regional Dental Testing Service. The State Board also has provisions for licensure by credentials and interview for individuals licensed in other states.

- iv. **Equipment Purchase:** All residents accepted into the program are required to purchase an endodontic microscope.
- v. **Scholarly Activity:** During their tenure at the University of Nebraska, each resident is required to engage in some type of scholarly activity presented or published outside of the College of Dentistry. Common examples would be submission of a paper to a refereed journal, or presentation of an abstract or poster at a regional or national meeting. The subject matter of this scholarly activity may be results of their research, a case report, or a literature review. This program requirement will be verified, prior to graduation, by the program director.
- vi. **Cardiopulmonary Resuscitation (CPR):** Each resident is required to be certified and maintain certification in basic CPR. A copy of the valid certification in basic CPR must be maintained at the College of Dentistry. Re-certification is available at the College of Dentistry.
- vii. **Emergencies and After-Hour Patient Care:** The College of Dentistry has determined that a course in Emergencies and Pain Control and participation on the CODE BLUE team and the After Hours Emergency Care Program are part of the academic program for all residents located in programs housed in the College of Dentistry in Lincoln. The course will be scheduled during the first year as a required course for all new postgraduate residents.
- viii. **Organizations:** Each resident is strongly urged to participate in professional organizations, particularly the American Dental Association and the American Association of Endodontist (AAE). Attendance at the annual meeting of the AAE is encouraged as well as attendance at local dental and endodontic meetings.
- ix. **Patient Treatment:** Each resident is required to adhere to departmental and college policies and procedures regarding patient care. These policies and procedures include those outlined in the Operations Manual and Clinical Policies Manual. In addition, each resident is required to review with the departmental faculty all cases assigned for patient care. This process will include a pretreatment evaluation (to establish a diagnosis and treatment plan), treatment procedures, postoperative results, and recall evaluations.

During this process the resident will also be required to consult with faculty from other departments within the college to insure both quality and continuity in patient care. Following completion of each case, the resident will refer the patient for appropriate restorative therapy, and recall the patient at prescribed intervals to evaluate the patient's response to treatment. Upon completion of the program, the resident will review and transfer each case he has treated and is currently treating to a first year postgraduate resident. As a minimum, each resident will

complete the number of cases required by the American Board of Endodontics.

Clinical treatment will be provided at the dental school in Lincoln for patients of record there. Additionally, residents may provide clinical treatment while on rotations at the Veterans Administration Hospital in Lincoln and the Munroe Meyer Institute in Omaha, GPR program in Omaha, and surgery rotation at Creighton University in Omaha.

FINANCIAL AND EMPLOYMENT INFORMATION

Program Costs

Clinical fees for the Postgraduate Certificate Program in Endodontics are as follows:

Fall Term (July 1 - December 21)	\$2,806
Spring Term (January 1 - June 30)	\$2,806
Total Clinical Fees Per Year	\$5,612

Equipment Assessment

Total Equipment Assessment Cost Per Year \$2,050

Total Fees Per Year \$7,662

Each resident must submit to and is responsible to pay for a background check. This one-time fee is approximately \$40 and includes sales tax. The fee is subject to change.

SALARY AND EMPLOYEE STATUS

Currently, GME-eligible (U.S. or Canadian dental degree) Endodontics residents will be appointed as 1.0 FTE employees and will receive a salary. GME-eligible postgraduate residents are eligible for a flexible benefit package which includes choices among health, life, and disability insurance. Future income is contingent upon continued availability of federal funds and, therefore, is subject to change at any time.

Student Loans and Loan Deferment

Postgraduate residents are considered students of the College of Dentistry for financial aid purposes. Postgraduate residents may get financial aid information from the UNMC Financial Aid Office (<https://www.unmc.edu/financialaid/>) and student loan payments for postgraduate residents can be deferred.

Vacation/Sick Leave

Postgraduate residents shall have ten (10) scheduled working days of paid leave per year. Leave includes vacation and sick leave. All leave requests must be submitted to and approved by the program director. Residents have additional vacation days that do not count toward the 10-day limit when the University is closed (e.g., the week between Christmas and New Year's Day).

Private Practice

The Dental Resident shall not be permitted to engage in any private dental practice. Violation of this clause may result in dismissal from the program.

State of Nebraska Residency

As employees of the University, GME eligible postgraduate residents are considered to be residents of the State of Nebraska. Ordinarily residents who are not GME eligible are considered not to be residents of the State of Nebraska.

Professional Liability

The University of Nebraska has in force professional liability insurance covering all residents within the College of Dentistry.

Current coverage is \$1,000,000 per person per occurrence, with \$100,000 deductible. The University provides self insurance for the \$100,000 deductible through the University's general and professional liability insurance program.

MASTER'S OF SCIENCE AND Ph.D. PROGRAM

In conjunction with a resident's education leading to a Certificate of Specialization in Endodontics, a program is available to complete the requirements for a M.S. or Ph.D degree. These degree programs are administered by UNMC Office of Graduate Studies through the College of Dentistry in the Medical Sciences Interdepartmental Area (MSIA).

These programs consist of expanded coursework, the conduct of an approved research project, and the submission of a formal thesis or dissertation. This program is administered by the office of graduate studies and is not related to the certificate program; there is no clinical component, and extra course work may be required depending on the resident's area of study. If interested in being admitted to the MSIA program, it is important to make a formal application as soon as possible after acceptance into the postgraduate program. Extra time will be needed to meet the requirements of an M.S. or Ph.D. degree."

STATEMENT OF EQUAL EDUCATIONAL OPPORTUNITY

In accordance with University policy, UNMC prohibits the denial of admission or of Medical Center privileges to residents or applicants on the basis of race, color, sex, sexual orientation, national origin, age, disability or religious or political beliefs. These privileges include but are not limited to admission, class assignments, scholarships, fellowships, assistantships, and financial aid, as well as housing and recreational facilities. Furthermore, resident organizations must base their selection of residents for membership on criteria which will not include race, color, religion, sex, national origin, age or disability.

Admittance to UNMC programs will not be denied to otherwise qualified disabled individuals solely by reason of their disability. Qualified disabled persons are those who meet the academic and technical standards for each program. These nonacademic skills are essential to successful program completion.

In summary, UNMC policies are in accord with:

Title VI of the Civil Rights Act of 1964
Title IX of the Educational Amendments of 1972
Sections 503 and 504 of the Rehabilitation Act of 1973
Sections 799A and 854 of the Public Health Services Act
Americans with Disabilities Act of 1990

The objective of the University of Nebraska Medical Center is to recruit and retain persons of high moral and ethical character. In accordance with this objective, the University of Nebraska Medical Center reserves the right to review a candidate's suitability for admission.

This is a general information publication. It is not intended to nor does it contain all regulations that relate to residents or complete descriptions of postdoctoral programs. The provisions of this view book do not constitute a contract, express or implied, between any applicant, resident or faculty member of the University of Nebraska Medical Center, the College of Dentistry, or the University of Nebraska system.

The University of Nebraska Medical Center College of Dentistry reserves the right to add, change, or withdraw courses at any time, to change tuition or fees, calendar, curriculum, degree requirements, graduate procedures, and any other requirement affecting residents. Stipend support is contingent upon continued availability of federal funds. Changes will become effective whenever the proper authorities so determine.

General Practice Residency Advanced Dental Education General Practice Residency Program

The University of Nebraska Medical Center College of Dentistry offers a one-year general practice residency. The program is accredited by the Commission on Dental Accreditation, a specialized body recognized by the Council on Postsecondary Accreditation and the United States Department of Education. The program is based at the University of Nebraska Medical Center (<http://www.unmc.edu/>) and our hospital partner, Nebraska Medicine (<http://www.nebraskamed.com/>), in Omaha. The hospital is a large and growing facility that serves as a referral center for Nebraska and surrounding states. UNMC is a major transplant center with a national and international reputation. The program has entered into a collaborative agreement with the Veteran's Administration Western Iowa Nebraska Health Care System. The VA program offers a second clinical and hospital site for training which expands the range of experiences offered residents.

Statement of Purpose:

The purpose of the General Practice Residency program at the University of Nebraska Medical Center and Veteran's Administration Western Iowa Nebraska Health Care System is to train dental residents to deliver comprehensive health care in both the inpatient and outpatient environment as part of a larger team of health care providers with full consideration of the patient's dental and medical needs. Furthermore, the program strives to instill in the resident office management and production skills that can be translatable to their private practice experience after completing their residency.

Goals of the Program, Objectives and Associated Outcomes Measures

- 1. Develop the capacity in the generalist to participate in the provision of comprehensive health care in the traditional dental environment as well the hospital and associated health care settings (CODA 1-8 Focus – general dentistry, hospital setting).**
 - Obj 1a: to provide foundation knowledge regarding hospital operations, functions and credentialing. (Standard 2-11)
 - Obj 1b: to develop skills in responding to and directing consultations in the hospital floor or with other clinical services and meeting the needs of the patient as a general dentist. (Standard 2-3, 2-9, 2-11)

Obj 1c: to develop skills in physical assessment and the understanding of the interplay between the systemic and oral environments. (Standard 2-9)

2. Provide resident learning experiences which focus on the primary care provider role in the delivery of general dentistry patient care, emergency care, referred care, health promotion, disease prevention and the application of behavioral management techniques as relevant to comprehensive health care of the medically, mentally and physically compromised patient as well as the "healthy" patient population (CODA 1-8 Focus – general dentistry, patient care and special needs).

Obj 2a: to expand on existing foundation knowledge/skills in the areas of operative dentistry, endodontics, periodontics, prosthodontics (fixed/removable/occlusion) and oral surgery (exodontia, biopsy, pre-prosthetic surgery, TMJ management). (Standard 2-4)

Obj 2b: to develop skills in responding to and directing medical/dental emergency care and pain/anxiety management in the clinical and emergency room setting. (Standard 2-3, 2-5, 2-7)

Obj 2c: to develop skills in physical assessment and the understanding of the interplay between the systemic and oral environments. (Standard 2-7, 2-9)

Obj 2d: to develop referral skills as well as skills in the diagnosis, assessment, temporization, prevention, health promotion, transitional and management of patient needs. (Standard 2-3).

Obj 2e: to develop skills and knowledge base in oral, IV and inhalation sedation and the structuring of the treatment environment or management plan for behavioral modification of patients having varied health backgrounds and oral needs. (Standard 2-6)

3. Train a generalist capable of interacting with other members of an interdisciplinary health care team in a variety of health care situations including Services to the community. (CODA 1-8 Focus – general dentistry with intra and inter disciplinary interaction and community service).

Obj 3a: to foster and build relationships between the generalist and other health care members. (Standard 2-3)

Obj 3b: to develop the skills and knowledge to provide dental care in non traditional settings and environments including the organization and delivery of community service efforts. (Standard 2-3)

Obj 3c: to provide general understanding and application of laboratory and diagnostic techniques in systemic disease. (Standard 2-7)

Obj 3d: to develop knowledge basis in the diagnosis, treatment and management of systemic disease. (Standard 2-7)

4. Refine the clinical skills a generalist brings to the program, providing an opportunity to individualize certain aspects of training while taking into account varying abilities, background and career goals and by applying critical thinking principles, evidence/outcomes based care, and use of information databases in clinical decision making and practice management. (CODA 1-8 Focus – general dentistry and resident education).

Obj 4a: To develop skills in critical thinking and analysis of care outcomes applied to clinical practice. (Standard 2-10)

Obj 4b: To develop an understanding of databases and evidenced based care. (Standard 2-10, 2-14)

Obj 4c: To foster an understanding of basic principles of practice management. (Standard 2-10)

5. Develop appropriate attitudes, behavior, preventive and business practices in regard to the profession by providing the opportunity for professional development as a clinician, teacher, researcher,

manager, community advocate and administrator (CODA 1-8 Focus – general dentistry, education patient care and community service).

Obj 5a: to develop skills in literature review and the preparation and presentation of a position paper to laymen or a collection of peers within the health care field. (Standard 2-14)

Obj 5b: to develop ethical behaviors compatible with the profession and the appreciation of diversity. (Standard 2-3, 2-10)

Obj 5c: To foster the concept of life-long learning and professional growth including service to the community. (Standard 2-3)

Requirements for Certification:

Upon successful completion of the one-year residency program at UNMC, the resident will receive a certificate. The following criteria will be utilized in evaluating the resident for certification. As part of the current competency and proficiency movement in postgraduate general dentistry, it will be the resident's responsibility to provide documentation of their experiences during the residency. (Competency statements are available on-site for review or can be made available upon request.) Documents will be gathered and presented for review by the faculty on a periodic basis. Documents will be stored through the use of a portfolio. Criteria for successful evaluation will be:

1. Completion of all off site and UNMC rotations with an over-all satisfactory evaluation by the attending staff or their designee.
2. Completion of all medical and dental records in accordance with established quality assurance guidelines.
3. Completion of check out of materials and supplies.
4. Completion of dental treatment on a sufficient number of patients that demonstrate quality comprehensive care.
5. Demonstration of a high degree of professionalism through interplay with other health care professionals in the dental treatment of patients who are medically, mentally, and physically challenged as well as participation in a community service project.
6. Satisfactory completion of record and patient care audits in accordance with established quality assurance guidelines.
7. Satisfactory participation in the program's clinical and didactic curriculum.
8. Completion of one manuscript suitable for publication in a peer refereed journal or participation in clinically based research or formal presentation of a self- investigated topic to a collection of peers within the academic or professional community.

PROGRAM DURATION

Length: 1 year - July 1 through June 30 of the following calendar year.

Course Enrollment

Course Title: GPR 772 Post-Grad General Dentistry

FACILITIES AND EQUIPMENT

The Adult General Dentistry Clinic is located in the University of Nebraska Medical Center Durham Outpatient Center.

Library

Since the program is located at the University of Nebraska Medical Center, an extensive library facility is immediately available for resident use. The McGoogan Health Sciences Library within the University Hospital has all necessary medical and most major dental publications. The C.Y. Thompson Library in Lincoln can supply other dental references

or minor publications required for resident use. Library loan or courier service can provide journals, articles or books quickly. In addition, extensive audiovisual files are in the Medical Center Library for resident review. Computer access to internet reference sites is available in the clinic's resident room. The VA also maintains library services.

Clinical Program

Dental residents spend approximately 75% of their time providing dental care to a wide variety of patients. These groups include:

- Medical/Dental inpatients referred for evaluation and treatment
- Medically, mentally, physically challenged outpatients
- Well outpatients
- Geriatric patients
- Social Services patients
- Emergency walk-ins
- Military Veterans

Residents will participate in the screening of patients admitted to the program and the development of definitive treatment plans. The treatment plans are presented to the attending staff in the dental clinic and at weekly treatment planning meetings. At that time, the attending staff will review the treatment plan with the residents and make recommendations, review options of treatment and discuss rationale of treatment plan decisions. An active Nebraska state dental license is necessary to participate in this program and to receive the stipend. Incoming residents will be provided with additional information regarding temporary state licensure.

Special emphasis is given to oncology, liver transplant, heart transplant, pancreas transplant, cardiac valve replacement, HIV patients and their problems. The dental residency program works closely with these services preparing and managing these patients.

Inpatient Care

The dental residency program will provide the resident with a wide variety of operating room experiences in both general dentistry and oral surgery. Dental rehabilitation cases on patients with medical, psychological and social disorders serve as the main source of patients. Dental residents are also required to assist the oral surgeons or perform delegated procedures under the supervision of the oral surgeons while on rotation at the VA hospital.

Training in physical evaluation is provided during the first months of the program to allow the residents to more actively participate in the care of patients. Additional experience in physical evaluation is provided during the rotations in Emergency Medicine, Oral and Maxillofacial Surgery, and Anesthesia. By the completion of the program residents are capable of performing a complete history and physical, and ordering appropriate laboratory tests prior to performing the necessary dental treatment for each patient. The residents will manage the patient from admission to discharge, determining when consultations or assistance in patient management are necessary. The residents will learn to dictate all portions of the patient's dental and medical records. Inpatient care is also provided as consultant to all the medical services at UNMC especially those relating to transplantation and cardiac surgery.

DIDACTIC PROGRAM

A number of educational programs have been developed for the dental residents. These educational programs are designed to provide the

residents with additional exposure to both medical and dental problems and developments. The following programs are regularly scheduled for the resident's benefit:

- Educational seminars presented by guest lecturers, attending staff or specialists in Medicine/Dentistry
- Educational seminars presented by the residents
- Periodontal Treatment planning and Case Conference
- Implant Treatment Planning and Case Conference
- Journal Club/Ethical Dilemmas
- Practice Management
- Operative Dentistry
- Fixed and Removable Prosthetics; including implants and introduction to maxillofacial prosthetic concepts
- Continuing education for credit
- Joint conferences with other residency programs
- Meetings with dental representatives to discuss new materials, continuing education, job placement and more

Educational seminars presented by the attending staff, guest lecturers or medical/dental specialists will focus on advanced techniques in the individual's specialty or interest areas. Educational seminars presented by the residents will focus on management of dental patients with special needs or complex management and also on implant placement/restoration patient cases.

Oral pathology conferences are presented by an oral pathologist. The conferences review and augment the resident's knowledge of oral and general pathology as well as oral medicine.

Oral surgery conferences are presented by various medical or oral surgery attending staff or residents. The subjects covered include a variety of dental and medical problems, techniques important to diagnosis and management of patients and techniques or problems in oral surgery. Seminar subjects will cover basic and special considerations for inpatient and outpatient care of dental patients undergoing combined medical and dental procedures. Principles of fluid balance, laboratory interpretation, pain management, TMJ disorders, infection and medication management are just a few examples of subjects presented. A physical assessment course is also provided through the Oral Surgery Service.

A 12-week lecture course on a restorative approach to implants is also provided with the oral surgeons—this addresses both surgical and restorative aspects of implant placement and restorative. Weekly implant case conferences are held at the VA amongst the prosthodontist, generalists, oral surgeons and residents to discuss cases prior to implant placement and to achieve the best results surgically and restoratively.

Treatment planning/case review seminars are weekly presentations of difficult or unusual dental patients. The residents are requested to present the patient's medical and dental problems, how they affect the patient and his/her treatment, and what treatment was prescribed and carried out. The program focuses the majority of its didactic efforts into the Monday afternoon treatment planning and case conference. The conference has associated with it operative dentistry, prosthodontia, practice management, literature reviews, professional ethics, ethical dilemmas and systemic disease in dentistry lectures on a rotation basis. Supplemental guest lectures are also provided on topics of interest to the program; TMD, Implants, etc.

PROGRAM REQUIREMENTS

Emergency On-Call

Each dental resident is assigned to emergency on-call duty by the program co-directors. Dental residents will alternate call as scheduled and will on occasion support the oral surgery residents in order to gain trauma experience.

Dental residents will be expected to provide palliative care to patients admitted to the Emergency Room. The experience will include common general dental problems as well as minor and major traumatic injuries.

Residents will not be required to stay on-site when on call.

Off-Site Rotations

Residents will spend two weeks in the Anesthesia rotation and two weeks in a rotation of Emergency Medicine. The length of the VA rotation is dependent upon the total number of residents in the program and currently is six months in duration. A portion of the VA rotation will be held at the facility in Grand Island, Nebraska. Additional rotations are available in pediatric dentistry, oral maxillofacial prosthodontics or any other area of interest within the hospital.

The resident's rotations will be supervised by the various attending staff and residents on the specific services. The residents are expected to participate in patient care while on rotation and assist the physicians or oral surgeons during procedures and examinations. The rotations are designed to increase the resident's exposure to clinical medicine and allow them to utilize and apply diagnostic skills learned during their training in the residency program.

Immunizations

Each entering resident must verify at the time of matriculation that he or she has completed the accepted routine of vaccinations. An immunization record is required in order for the resident to be registered. Please visit Division of Student Success - Student Health for more detailed information" under the subsection heading of "Immunizations.

Cardiopulmonary Resuscitation (CPR)

Each student is required to be certified and maintain certification in basic CPR. A copy of the current and valid certification in basic CPR must be maintained at the College of Dentistry. Certification in Advanced Life Support (ACLS) also is encouraged.

STIPEND AND EMPLOYEE INFORMATION

Stipend

The estimated stipend will be approximately \$46,000, and is not determined until June of the residency year. GME-eligible postgraduate students are eligible for a flexible benefit package which includes choices among health, life, and disability insurance. Future income is contingent upon continued availability of federal funds and, therefore, is subject to change at any time.

The dental resident will be responsible for the timely payment of established program fees and will receive a salary. Established program fees which are the responsibility of the resident include \$1,025 per semester equipment tax fee (\$2,050 total) and background check fee of approximately \$40.

Student Loans and Loan Deferment

Postgraduate students are considered students of the College of Dentistry for financial aid purposes. Postgraduate students may get financial aid information from the UNMC Office of Financial Aid (<https://www.unmc.edu/financialaid/>) and student loan payments for postgraduate students can be deferred.

Vacation/Sick Leave

Postgraduate students shall have fifteen (15) scheduled working days of paid Leave per year. Leave includes vacation, sick leave, and professional development leave. Leave in excess of fifteen (15) days per year must be taken as Leave Without Pay from the College or as Family Leave. Such extended leave may result in extension of the training program without pay. Leave requests must be submitted as per the policies of the program and the College.

Private Practice

Students are allowed to participate in private practice (moonlighting activities) but must arrange their schedules with the program co-directors to prevent conflict with program responsibilities.

State of Nebraska Residency

As employees of the University, GME-eligible postgraduate students are considered residents of the State of Nebraska.

PROFESSIONAL LIABILITY

The University of Nebraska has in force professional liability insurance covering all enrolled students of the College of Dentistry performing services as part of the College's program.

Current coverage is \$1,000,000.00 per person, per occurrence, with \$100,000.00 deductible. The University provides self-insurance for the \$100,000.00 deductible through the University's general and professional liability insurance program.

NEBRASKA LICENSURE

Postgraduate students are required to have a Nebraska Dental License (temporary or regular) by the time they begin the postgraduate program. Those who accept GME funding are expected to have a Nebraska Dental License (temporary or regular) and federal and state DEA licenses by July 1 in the year the postgraduate program commences so they can participate in the After-Hours Emergency Care Program.

A student who is licensed in another state, territory, or District of Columbia can obtain a temporary Nebraska Dental License prior to enrollment as a full-time postgraduate resident. The temporary license is only for practice-related and clinical teaching activities within the College of Dentistry and does not allow extramural private practice.

For a regular license, the State Board accepts the results of the clinical examination given by the Central Regional Dental Testing Service. The State Board also has provisions for licensure by credentials for individuals licensed in other states.

More detailed licensure information may be obtained online from the State of Nebraska Department of Health, Bureau of Examining Boards. Failure to obtain licensure by August 31st may result in training program delay. Failure to maintain licensure during the residency will result in dismissal from the program and no certification of participation.

Application Eligibility

Must have a professional dental degree from an A.D.A.-accredited dental college or school with the degree designation of Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD). Provisional acceptance exists for students in the final stages of dental education. In addition, the applicants must have a valid license to practice within the United States of America or be licensed as such by the time they are to begin the postgraduate program in general practice residency.

Once accepted, a Nebraska dental license is required to participate in the program. At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the general practice residency training program. This is because of licensing restrictions.

Applicant Process

The General Practice Residency program participates in the Postdoctoral Application Support Service (<https://www.adea.org/pass/>)PASS). PASS is a centralized application service that allows applicants to complete one standard application for distribution to multiple participating advanced dental education programs. PASS facilitates the recruitment process prior to the evaluation of applicants by the programs. PASS has been designed and is administered by the American Dental Education Association (ADEA). All applicants must follow the guidelines established by this service to be eligible for the program.

1. Those interested in applying to the program should complete an application through PASS. The PASS application deadline is March 15.
2. Those individuals who have completed their application and meet standards for acceptance will be invited for an interview. Personal interviews are conducted by invitation. The PASS application deadline is March 15, but interviews may be extended until all open positions are filled.

SELECTION FACTORS

Additional criteria upon which applications are viewed include:

- Grade point average
- Class standing
- Academic achievements
- National board examination scores
- Recommendations (3)
- Personal statement of goals (include explanation for choice of graduate field, expectations for learning in your chosen field of study, and anticipated career goals)
- Other supporting evidence such as a CV or résumé

Statement of Equal Educational Opportunity

In accordance with University policy, UNMC prohibits the denial of admission or of Medical Center privileges to students or applicants on the basis of race, color, sex, national origin, age, disability or religious or political beliefs. These privileges include but are not limited to admission, class assignments, scholarships, fellowships, assistantships, and financial aid, as well as housing and recreational facilities. Furthermore, student organizations must base their selection of students for membership in criteria which will not include race, color, religion, sex, national origin, age or disability.

Admittance to UNMC programs will not be denied to otherwise qualified disabled individuals solely by reason of their disability. Qualified disabled persons are those who meet the academic and technical standards for

each program. These nonacademic skills are essential to successful program completion.

In summary, UNMC policies are in accord with:

Title VI of the Civil Rights Act of 1964
 Title IX of the Educational Amendments of 1972
 Sections 503 and 504 of the Rehabilitation Act of 1973
 Sections 799A and 854 of the Public Health Services Act
 Americans with Disabilities Act of 1990

The objective of the University of Nebraska Medical Center is to recruit and retain persons of high moral and ethical character. In accordance with this objective, the University of Nebraska Medical Center reserves the right to review a candidate's suitability for admission.

This is a general information publication. It is not intended to, nor does it, contain all regulations that relate to students or complete descriptions of postdoctoral programs. The provisions of this view book do not constitute a contract, express or implied, between any applicant, student or faculty member of the University of Nebraska Medical Center, the College of Dentistry, or the University of Nebraska system. The University of Nebraska reserves the right to withdraw courses at any time, to change tuition or fees, calendar, curriculum, degree requirements, graduate procedures, and any other requirement affecting students. Stipend support is contingent upon continued availability of federal funds. Changes will become effective whenever the proper authorities so determine.

Orthodontics Orthodontics

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS PROGRAM

The UNMC College of Dentistry has offered fully accredited advanced education programs in orthodontics since 1951. The program leads to a Certificate of Specialization in Orthodontics and Dentofacial Orthopedics. This certificate satisfies the requirements of the American Board of Orthodontics for eligibility to complete the written exam and take the clinical exam to become Board eligible toward the ultimate goal of becoming a diplomate.

Certificate Program

The program leading to attainment of a certificate of specialization in orthodontics and dentofacial orthopedics commences each year in July and is a minimum of 30 months in length. The didactic and clinical curricula are designed to allow an individual to develop skills required of the practicing orthodontist. Students must concurrently enroll in, and complete, the master of science degree program (<https://www.unmc.edu/msia/>) (MSIA). To learn more about the MSIA program, visit the Office of Graduate Studies - Medical Sciences Interdepartmental Area Program. (<https://www.unmc.edu/gradstudies/programs/msia/>)

APPLICATION, SELECTION AND ACCEPTANCE

Must have a professional dental degree from an A.D.A.-accredited dental college or school with the degree designation of Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD). Provisional acceptance exists for students in the final stages of dental education. In addition, the applicants must have a valid license to practice within the United States of America or be licensed as such by the time they are to begin the postgraduate program in orthodontics.

Once accepted, a Nebraska dental license is required to participate in the program. At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the postgraduate orthodontics training program. This is because of licensing restrictions

SELECTION FACTORS

Preference is given to those who have adequate preparation and aptitude. Applications for the program are considered on the basis of the following factors:

- Grade point average
- Class standing
- GRE exams are optional - However, it is highly recommended that the exam be taken and scores reported
- Pattern of academic achievement
- National Board Examination Scores/Passing Rate (For INBDE - Please see Applicant Process)
- Advanced education
- Research experience
- Recommendations
- Meaningful extracurricular activities
- State of residence
- Personal statement of goals (include explanation for choice of graduate field, expectations for learning in your chosen field of study, and anticipated career goals)
- Other supporting evidence such as a CV or resume

Applicant Process

1. Complete the online application through the Postdoctoral Application Support Service (PASS) (<https://www.adea.org/pass/>), a central application service. With PASS, applicants complete one standard application which is then distributed to each of the participating programs to which the applicant wishes to apply. PASS deals with the initial stages of the recruitment process prior to the evaluation of applicants by the programs. PASS has been designed by and is administered by the American Dental Education Association (ADEA).
2. Submit the supplemental application and \$50 application fee. Instructions to submit online will be sent to you by email after you have submitted your application through PASS.
3. Applications will be reviewed and interviews will be granted without INBDE results. However, if selected, candidates will be required to pass the INBDE exam **before** admission to the program.
4. Candidates will be matched to programs through the Postdoctoral Dental Matching Program (<https://natmatch.com/dentres/>) - National Matching Services (<https://natmatch.com/dentres/contact.html>).

PASS

The postgraduate orthodontics and dentofacial orthopedics program participates in the PASS program. The Postdoctoral Application Support Service (PASS) (<https://www.adea.org/pass/>) is a central application service. With PASS, applicants complete one standard application, which is then distributed to each of the participating programs to which the applicant wishes to apply. PASS manages the initial stages of the recruitment process, prior to the evaluation of applicants by the programs.

POSTDOCTORAL DENTAL MATCHING PROGRAM

The postgraduate orthodontics and dentofacial orthopedics program also participates in the "Postdoctoral Dental Matching Program.

Program Duration

Length: 2.5 year (30 months) - starts first of July each year.

Course Enrollment

Course Title: ORTHO 772 Post-Grad Orthodontics

Curriculum - Postgraduate Certificate Program

The didactic and clinical curricula are designed to allow an individual to develop skills required of the practicing orthodontist. ADA CODA approval granted as of February 1, 2008.

- Orthodontic Clinic
- Clinical Orthodontic Seminars
- Advanced Anatomy
- Advanced Dental Biomaterials
- Advanced Oral Biology
- Advanced Oral Pathology
- Biophysical Principles
- Biostatistics
- Cephalometrics
- Craniofacial Anomalies
- Craniofacial Growth & Development
- Current Literature
- Orthodontic and Endodontic Interaction
- Orthodontic and Periodontic Interaction
- Orthodontic and Surgical Interaction
- Practice Management
- Research, Project Planning and Design
- Statistics
- Temporomandibular Disorders and Orofacial Pain

Students must concurrently enroll in, and complete, the master of science degree program.

Master's Program

A requirement for the attainment of a Certificate of Specialization in Orthodontics and Dentofacial Orthopedics is the completion of the requirements for a master of science degree. The UNMC Medical Sciences Interdepartmental Area (MSIA) (<https://www.unmc.edu/msia/>) graduate program is offered through UNMC Graduate Studies. The program consists of expanded coursework, an approved research project, a formal thesis, and a publishable article to a refereed journal. The program usually requires a minimum of 30 months to complete.

The MSIA degree program is administrated by UNMC Graduate Studies and is not administratively related to the certificate program. There is no clinical component and extra coursework may be required depending on the student's area of study. However, the certificate of specialization program completion is contingent on completion of a M.S. degree program. Students must meet the admission requirements of and complete an application to UNMC Graduate Studies.

See MSIA program website. (<https://www.unmc.edu/msia/>)

Program Requirements

In addition to the program of study required by the Postgraduate Education Committee, the following are expected to be satisfactorily completed during the training program and prior to the granting of the Certificate of Specialization in Orthodontics and Dentofacial Orthopedics.

Professional Presentations

During the Spring semester of the second year, each student is required to present at the College of Dentistry's annual Student Scientific Program.

During the second year, students will be encouraged to present their Master's research at the annual meeting of the American Association for Dental Research, or the American Association of Orthodontists annual session, or the annual Midwest Student Biomedical Research Forum, or the Moyer's symposium. Residents' travel will be funded to present at the meetings.

Emergencies and Pain Control

The College of Dentistry has determined that a course in Emergencies and Pain Control and participation on the CODE BLUE team and the After Hours Emergency Care Program are parts of the academic program for all postgraduate students who are eligible for licensure in Nebraska and who accept GME funding. The course will be scheduled during the first year as a required course for all new postgraduate students.

Examinations

An objective standardized clinical examination (OSCE) will be given to students annually in order to help monitor their progress and identify strengths and deficiencies. A departmental clinical comprehensive examination will be given to all third-year residents during the Fall Semester. Details of the examination procedure will be available at least six weeks prior to the scheduled time and will follow a format similar to that of the American Board of Orthodontics.

Teaching

Participation in undergraduate teaching is a required activity for second year postgraduate students. A regular or temporary Nebraska Dental License is mandatory for postgraduate students.

Research Project

A research project is required. The project is part of the requirement for an advanced academic degree (M.S.). The complete M.S. thesis must be received and approved by UNMC Graduate Studies before the Certificate of Specialization will be awarded.

Off-Site Education

Clinical experiences for students include a periodic rotation to participate with the Boys Town National Research Hospital Cleft Palate-Craniofacial Team where students evaluate and plan treatment for children with craniofacial birth defects.

Immunization

See University of Nebraska Medical Center Immunization Policy (<https://catalog.unmc.edu/general-information/student-policies-procedures/immunization-policy/>).

Cardiopulmonary Resuscitation (CPR)

Each student is required to be certified and maintain certification in basic CPR. A copy of the valid certification in basic CPR must be maintained at the College of Dentistry.

FINANCIAL AND EMPLOYMENT INFORMATION

Stipend and Employment

Level	Annual	Monthly
H1	\$11,528.28	\$960.69
H2	\$14,672.35	\$1,222.69
H3*	\$8,384.20	\$1,397.36

* Year 3 is only 6 months

Graduate Medical Education (GME) funding allocations by UNMC must be established before resident stipends for the year can be established. Residents will be assigned a 1.0 FTE status which makes them eligible for a flexible benefit package which includes choices among health, life, and disability insurance. Future income is contingent upon continued availability of federal funds and, therefore, is subject to change at any time.

2023-2024 Program Costs

For postgraduate students with a U.S. or Canadian dental degree, and Nebraska residents.

Clinical Fees	\$5,612 per year
	- \$2,806 for spring term
	- \$2,806 for fall term
Equipment Assessment	\$2,050 per year
Orthodontic Course	\$2,500 per year
Total	\$10,162 per year

The resident is financially responsible to pay a one-time fee of approximately \$40 for a background check conducted prior to enrollment.

View the Estimated Cost of Attendance Budget from the UNMC Financial Aid Office (<https://www.unmc.edu/student-success/financial-aid/cost-of-attendance.html>).

Camera Requirement

Residents are expected to provide their own Canon EOS Rebel XSI (12mp) camera - or the equivalent - equipped for intra-oral high-quality photos (Mini Macro Ring and Point Flash) by the beginning of clinic during fall of the first year in the program.

STIPEND AND EMPLOYEE STATUS

GME funding allocations by UNMC must be established before resident stipends for the year can be established. Once known, they will be posted on the web-site and communicated to all residents.

During the 2019-2020 year, residents will be assigned a 1.0 FTE status which makes them eligible for a flexible benefit package which includes choices among health, life and disability insurance. Future income is contingent upon continued availability of federal funds and, therefore, **IS SUBJECT TO CHANGE AT ANY TIME.**

Tuition Scholarships

GME-eligible postgraduate students are considered full-time employees of the University and, as such, are eligible for employee tuition

scholarships for graduate credit hours. This permits the GME-eligible student to enroll for up to 15 credit hours per year. No more than 6 credit hours may be taken in each of the fall and spring semesters, and three credit hours may be taken in the summer.

Student Loans and Loan Deferment

Postgraduate students are considered students at the College of Dentistry for financial aid purposes. Postgraduate students may get financial aid information from the UNMC Financial Aid Office (<https://www.unmc.edu/financialaid/>). Student loan payments for postgraduate students can be deferred.

Vacation/Sick Leave

Postgraduate students who accept stipends shall have ten (10) scheduled working days of paid leave per year. Leave includes vacation and sick leave. Leave in excess of ten (10) days per year must be taken as Leave Without Pay from the College or as Family Leave. Students who do not have stipends shall have ten (10) scheduled working days of leave per year for vacation and/or sick leave with provision for Family Leave as per University policies. Leave requests must be submitted as per the policies of the program and the College. Students have additional vacation days that do not count toward the 10-day limit when the University is closed (e.g., the week between Christmas and New Year's Day, but not including spring break or spring/summer semester break).

Private practice of dentistry is not permitted under any circumstances at any time while a postgraduate student is in this postgraduate program unless there has been specific approval from the Program Director and the Associate Dean of Education.

Private Practice

Private practice of dentistry is not permitted under any circumstances at any time while a postgraduate student is in this postgraduate program unless there has been specific approval from the Program Director and the Associate Dean of Education.

STATE OF NEBRASKA RESIDENCY

As employees of the University, GME-eligible postgraduate students are considered residents of the State of Nebraska. Ordinarily, students who are not GME-eligible may be considered non-residents of the State of Nebraska.

PROFESSIONAL LIABILITY

The University of Nebraska has professional liability insurance covering all students within the College of Dentistry. Current coverage is \$1,000,000 per person, per occurrence, with a \$100,000 deductible. The University provides self insurance for the \$100,000 deductible through the University's general and professional liability insurance program.

NEBRASKA LICENSURE

Postgraduate students are required to have a Nebraska Dental License (temporary or regular) by the time they are to begin the postgraduate program. Those who accept GME funding are expected to have a Nebraska Dental License (temporary or regular) and federal and state DEA licenses before October 15 of the year of the commencement of their program so they can participate in the After Hours Emergency Care Program.

It is possible for a student who has graduated from an A.D.A. accredited American or Canadian dental school and is licensed in another state, territory, or District of Columbia to obtain a **temporary** Nebraska Dental License during the time he or she is enrolled as a full-time postgraduate

student. The temporary license is only for practice-related and clinical teaching activities within the College of Dentistry and does not allow extramural private practice.

After acceptance into the postgraduate program, licensure information may be obtained from the State of Nebraska Department of Health, Bureau of Examining Boards (<https://dhhs.ne.gov/licensure/Pages/Dentistry.aspx>).

For a regular license, the State Board accepts the results of the clinical examination given by the Central Regional Dental Testing Service. The State Board also has provisions for licensure by credentials for individuals licensed in other states.

ADDITIONAL PROGRAMS IN GRADUATE EDUCATION

Master's Program

A requirement for the attainment of a certificate of specialization in orthodontics and dentofacial orthopedics is the completion of the requirements for a master of science degree.

The program leading to a M.S. degree is awarded by the Office of Graduate Studies through the College of Dentistry in the Medical Sciences Interdepartmental Area (MSIA) graduate program (<https://www.unmc.edu/msia/>).

The program consists of expanded course-work, the conduct of an approved research project, the submission of a formal thesis and of a publishable article to a refereed journal. The program usually requires a minimum of 30 months to complete.

The M.S. degree program is administrated by the Office of Graduate Studies and is not administratively related to the certificate program; there is no clinical component, and extra course work may be required depending on the student's area of study. However, the certificate of specialization program completion is contingent on completion of a M.S. degree program. It is important to make a formal application to the Office of Graduate Studies as soon as possible after acceptance into the postgraduate program is confirmed (See Application Process). Extra time may be needed to meet the requirements of the M.S. degree.

Ph.D. Program

A program may be designed that combines a Certificate and a Ph.D. through the Medical Sciences Interdepartmental Area in one of the participating departments, such as Oral Biology. Extra time will be needed to meet the requirements of the Ph.D. degree. This program is structured for an individual planning on a full time career in academics and research.

STATEMENT OF EQUAL EDUCATIONAL OPPORTUNITY

In accordance with University policy, UNMC prohibits the denial of admission or of Medical Center privileges to students or applicants on the basis of race, color, sex, national origin, age, sexual orientation, disability or religious or political beliefs. These privileges include but are not limited to admission, class assignments, scholarships, fellowships, assistantships, and financial aid, as well as housing and recreational facilities. Furthermore, student organizations must base their selection of students for membership in criteria which will not include race, color, religion, sex, national origin, age or disability.

Admittance to UNMC programs will not be denied to otherwise qualified disabled individuals solely by reason of their disability. Qualified disabled persons are those who meet the academic and technical standards for each program. These nonacademic skills are essential to successful program completion. In summary, UNMC policies are in accord with: Title VI of the Civil Rights Act of 1964

Title IX of the Educational Amendments of 1972

Sections 503 and 504 of the Rehabilitation Act of 1973
Sections 799A and 854 of the Public Health Services Act
Americans with Disabilities Act of 1990

The objective of the University of Nebraska Medical Center is to recruit and retain persons of high moral and ethical character. In accordance with this objective, the University of Nebraska Medical Center reserves the right to review a candidate's suitability for admission. This is a general information publication. It is not intended to nor does it contain all regulations that relate to students or a complete description of the postgraduate program in orthodontics and dentofacial orthopedics. The provisions of this view-book do not constitute a contract, express or implied, between any applicant, student or faculty member of the University of Nebraska Medical Center, the College of Dentistry, or the University of Nebraska system. The University of Nebraska Medical Center College of Dentistry reserves the right to add, change, or withdraw courses at any time, to change tuition or fees, stipends, calendar, curriculum, degree requirements, graduate procedures, and any other requirements affecting students. Stipend support is contingent upon continued availability of federal funds. Changes will become effective whenever the proper authorities so determine.

Pediatric Dentistry Pediatric Dental Residency Program

The University of Nebraska Medical Center College of Dentistry has offered a fully accredited advanced education program in pediatric dentistry since 1947. The program leads to a Certificate of Specialization in Pediatric Dentistry, which satisfies the requirements mandated by the American Board of Pediatric Dentistry for Examination and Board Certification.

Applicant Process

Application Eligibility

Must have a professional dental degree from an A.D.A.-accredited dental college or school with the degree designation of Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD). Provisional acceptance exists for students in the final stages of dental education. In addition, the applicants must have a valid license to practice within the United States of America or be licensed as such by the time they are to begin the postgraduate program in pediatric dentistry.

Once accepted, a Nebraska dental license is required to participate in the program. At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the postgraduate pediatric dentistry training program. This is because of licensing restrictions.

Application Requirements

Applicants must fulfill the following requirements to be considered for admission:

- Graduate from an accredited dental school recognized by the Commission on Dental Accreditation of the American Dental Association (DMD/DDS degree).
- Pass the National Board Dental Examinations.
- The Advanced Dental Admission Test (ADAT) is not required, but official ADAT scores received by the application deadline will be strongly considered.

- Submit application through the Postdoctoral Application Support Service (PASS) (<https://www.adea.org/pass/>). Application deadline is October 1 of the year preceding matriculation.
- Applicants must also be registered with the National Matching Service.
- Submit supplemental application and \$50 application fee. Instructions to submit online will be sent to you by email after you have submitted your PASS application.
- Complete a personal interview (departmental decision).
- Submit a 2x2 photo (digital preferred). Photo can be included in your PASS application.

Program Duration

Length: 2 years - starts the first of July each year.

Course Enrollment

Course Title - PEDO 772 Post-Grad Pedodontics

Curriculum

Formal courses and departmental seminars include: biostatistics, microbiology and immunology, oral pathology, orthodontics, growth and development, speech development, physical diagnosis, pediatrics, oral pathology, genetics, orthodontics, child psychology, ethics and dentistry, research planning and design, literature review, pediatric dental text review, clinical case seminar, comprehensive treatment planning, comprehensive behavior guidance to include sedation, oral clinical exam preparation, prevention and disease control, practice management, organized dentistry, community dental health and other special topics.

Rotations include: Cleft palate/craniofacial anomalies, pediatric medicine, emergency on-call, anesthesiology, oral surgery and interdisciplinary pediatrics (child psychiatry and other developmental disciplines through the Munroe-Meyer Institute), operating room services.

During the first year, 65 percent of total resident time is spent in clinical activity. During the second year, 75 percent of total resident time is spent in clinical activity. The majority of clinical training is conducted at the Pediatric Dental Clinic located at Children's Hospital and Medical Center in Omaha. Residents gain extensive experience working in collaboration with other pediatric medicine specialties.

Program Year 1

Anesthesia - 4 week rotation

Biostatistics - Fall weekly

Craniofacial - Ongoing

H&P - Fall weekly

Interdisciplinary - 1 week rotation

Oral Pathology - Fall (even years)

Osteogenesis Imperfecta - Ongoing

Ortho - Ongoing

Pediatric Medicine - 2 week rotation

Teaching - Spring semester

Faculty Lectures - 3 weekly

Additional/Guest Lectures - As determined by program director

Program Year 2

Craniofacial Clinic - Ongoing

Oral Pathology - Fall (even years)

Osteogenesis Imperfecta - Ongoing

Oral Surgery - 1 week rotation

Ortho - Ongoing

Teaching - fall and spring semester

Faculty Lectures - 3 weekly

Additional/Guest Lectures - As determined by program director

Clinical Training

UNMC College of Dentistry

Children's Hospital & Medical Center

Children's Outpatient Surgery Center at West Village Pointe

UNMC Munroe-Meyer Institute Caring for Champions Dental Clinic - Omaha

Nebraska Medicine and Clinics

Boystown National Research Hospital

Community Outreach, Across Nebraska

FINANCIAL AND EMPLOYMENT INFORMATION

Program Stipend

House officer program stipend is \$38,542.90 per year

Graduate Medical Education (GME) funding allocations by UNMC must be established before resident stipends for the year can be established. Residents will be assigned a 1.0 FTE status which makes them eligible for a flexible benefit package which includes choices among health, life and disability insurance. Future income is contingent upon continued availability of federal funds and, therefore, is subject to change at any time.

Tuition

Tuition/fees are \$7,780 each year.

See UNMC Financial Aid Office Estimated Cost of Attendance Budget. (<https://www.unmc.edu/student-success/financial-aid/cost-of-attendance.html>)

Student Loans Loan Deferment

Currently, residents are considered postgraduate students of the College of Dentistry for financial aid purposes. Postgraduate students may get financial aid information from the UNMC Financial Aid Office (<https://www.unmc.edu/financialaid/>) and student loan payments for postgraduate students can be deferred.

Vacation/Sick Leave

Postgraduate students shall have fifteen (15) scheduled working days of paid leave per year. Leave includes ten (10) for vacation and five (5) for professional development. Leave in excess of fifteen (15) days per year (which will be granted for special circumstances only) must be taken as Leave Without Pay from the college or as Family Leave. Leave requests must be submitted as per the policies of the program and the college.

Private Practice

Residents are allowed to engage in the private practice of dentistry during their program. Please contact the program director for details.

State of Nebraska Residency

As employees of the University of Nebraska Medical Center, postgraduate students are considered residents of the State of Nebraska.

Professional Liability

The University of Nebraska has in force professional liability insurance covering all enrolled postgraduate students of the College of Dentistry performing services as part of the college's program. Current coverage is \$1,000,000.00 per person per occurrence, with a \$100,000.00 deductible. The university provides self-insurance for the \$100,000.00 deductible through the university's general and professional liability insurance program.

Nebraska Licensure

Postgraduate students are required to have a Nebraska Dental License (temporary or regular) by the time they are to begin the postgraduate program. Those who accept GME funding are expected to have a Nebraska Dental License (temporary or regular) and federal and state DEA licenses before October 15 of the year of the commencement of their program so they can participate in the After Hours Emergency Care Program.

It is possible for a student who has graduated from an A.D.A. accredited American or Canadian dental school and is licensed in another state, territory, or District of Columbia to obtain a **temporary** Nebraska Dental License during the time he or she is enrolled as a full-time postgraduate student. The temporary license is only for practice-related and clinical teaching activities within the College of Dentistry and does not allow extramural private practice.

After acceptance into the postgraduate program, licensure information may be obtained from the State of Nebraska Department of Health, Bureau of Examining Boards (<https://dhhs.ne.gov/licensure/Pages/Dentistry.aspx>).

For a regular license, the State Board accepts the results of the clinical examination given by the Central Regional Dental Testing Service. The State Board also has provisions for licensure by credentials and interview for individuals licensed in other states.

Periodontics Advanced Dental Education Periodontics Program

The University of Nebraska Medical Center College of Dentistry has offered fully accredited advanced educational programs in the field of periodontology since 1962. The program leads to a certificate of

specialization in periodontics which satisfies the requirements for eligibility to take the American Board of Periodontology Diplomate examination. The didactic and clinical curricula are designed to allow an individual to develop those skills required by the practicing clinical periodontist.

Certificate Program

The program leading to attainment of a certificate of specialization in periodontology commences each year on July 1st and is a minimum of three academic years (34-36 months) in length. The didactic and clinical curricula are designed to allow an individual to develop those skills required by the practicing clinical periodontist. A resident can also concurrently enroll in the master of science degree program which is explained later in this brochure under the heading "Additional Programs in Graduate Education."

Eligibility

Residents matriculating for postgraduate training in Periodontology must have a professional dental degree from an A.D.A.-accredited dental college or school (United States or Canada). Provisional acceptance is offered to candidates in the final stages of dental education. Applications to postgraduate periodontology for a program leading to a certificate of specialization should be sent to PASS before August 1 of the year before desired entry. Interviewing of prospective residents will be in the fall.

Non-U.S./Non-Canadian Degree Students

At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the postgraduate periodontal basis for student selection.

Application

Admissions to pursue postgraduate work in periodontology are limited to the number which can be handled to the advantage of the residents and the college. At the present time, usually two residents are accepted each year. Preference is given to those who have adequate preparation and aptitude.

Applications are submitted through the Postdoctoral Application Service (PASS). For complete application instructions please visit, Instructions for Applicants (<https://www.unmc.edu/dentistry/programs/postgraduate/application.html>).

Applicants for the program are considered on the basis of the following factors:

- Grade point average
- Class standing
- Pattern of academic achievement
- National board examination scores (when available)
- Experience and training
- Recommendations
- Personal statement of goals (include explanation for choice of graduate field, expectations for learning in your chosen field of study, and anticipated career goals)
- Other supporting evidence such as a CV or resume

Individuals selected from the applicant pool for consideration for admission may be invited for a personal interview which is an additional basis for student selection.

Program Duration

Length: 3 years - starts first of July each year.

Course Enrollment

Course Title - PERI 772 Post-Grad Periodontics

PROGRAM CONTENT

Each resident's program provides a mixture of didactic instruction and clinical activity. The exact portion of time spent in each area varies somewhat with the resident's past experience and future goals.

Residents are required to take core courses that will allow them to develop knowledge and expertise in the relationship of immunology, microbiology, pharmacology and cell biology to that of periodontal and implant diagnoses and treatments. Each resident develops clinical skills in diagnosis, treatment planning and therapy for patients with periodontal diseases and implant needs. All residents also develop competence in other clinical areas such as conscious sedation via oral, inhalation and intravenous routes.

There is also an opportunity to teach and lecture. Residents with an acute interest in education may choose electives through educational departments at the University of Nebraska-Lincoln to expand knowledge and skills in areas such as teaching techniques, audiovisual production and testing/evaluation. The option to apply this information and actively participate in the design and presentation of didactic and clinical courses is available to the resident who plans a career in education.

PROGRAM OF STUDY - Postgraduate Certificate Program

- Advanced Anatomy
- Advanced Dental Pharmacology
- Advanced Oral Biology
- Advanced Oral Pathology
- Advanced Periodontology
- Biostatistics
- Case Presentation/Treatment Planning
- Classic Literature
- Clinical Pathology, Physical and Laboratory Diagnosis
- Conscious Sedation
- Current Literature
- Endo-Perio Interrelationships
- Etiology
- General Anesthesia Rotation (four weeks)
- Implantology
- Medical Management/Emergencies
- Microanatomy of Oral Tissues
- Microbiology/Immunology
- Occlusion
- Oral Pathology Clinical Rotation
- Ortho-Perio Interrelationships
- Patient Management
- Periodontal/Prosthetic Interrelationships
- Periodontology Clinic
- Practice Administration
- Research Planning and Design

- Periodontal Maintenance Therapy
- TMD
- Wound Healing

OTHER PROGRAM REQUIREMENTS

In addition to the program of study required by the College of Dentistry's postgraduate education committee which oversees all the graduate specialty programs, the following are expected to be satisfactorily completed during the training program and prior to granting the certificate of specialization in periodontics:

Scholarly Activity

During their tenure at the University of Nebraska Medical Center, residents are expected to engage in some type of scholarly activity presented or published outside of the College of Dentistry. Common examples would be submission of a paper to a refereed journal, or presentation of an abstract at a regional or national meeting. The subject matter of this scholarly activity may be results of their research, a case report, a literature review, etc. This program requirement will be verified, prior to graduation, by the department chair.

Emergencies and Pain Control

The College of Dentistry has determined that a course in emergencies, pain control, and participation on the CODE BLUE team, and the after-hours emergency care program are parts of the academic program for all residents located in programs housed in the College of Dentistry in Lincoln.

Cardiopulmonary Resuscitation (CPR)

Each resident is required to be certified and maintain certification in basic CPR. A copy of the valid certification in basic CPR must be maintained at the College of Dentistry.

Advanced Cardiopulmonary Life Support (ACLS)

Each resident will be certified during the program duration in ACLS.

Teaching

Participation in undergraduate teaching is a required activity, usually two days per week, experienced in the third year of study.

In-Service Examination

Each resident enrolled in the program will participate in the AAP's in-service examination given each year in the spring. Results of this examination remain confidential to the student.

Departmental Examination

Each resident will successfully complete an oral examination given by the department at the end of each year. This is to prepare the resident to take the American Board of Periodontology examination.

Joint Departmental Seminars

Each resident will participate in joint departmental seminars with residents from other departments on a schedule determined by the departments.

Organizations

Each resident must be a student member of the American Academy of Periodontology. Residents may also join and participate in the Academy of Osseointegration, the American Dental Association, the Nebraska Society of Periodontology, and the Southwest Society of Periodontists.

Instruments and Photographic Supplies

Most instruments necessary for the evaluation and treatment of patients with periodontal diseases and implantology will be provided by the

University to use while in the educational program. Each resident will furnish a digital camera suitable for quality intraoral photography to record and document clinical procedures and therapy. Digital cameras are a requirement and must be purchased by the resident prior to or within the first couple months after starting the program.

Books and Journals

Occasionally, textbooks, which the resident will have to purchase, are required and utilized for didactic courses. The resident may also choose to purchase other selected texts for personal reference. A subscription to the "Journal of Periodontology" is required for all graduate residents. Required student membership in the Academy of Periodontology, which provides a subscription to the Journal of Periodontology, may be secured after matriculation into the program.

VA Rotation

Each resident spends a small portion of their clinical time at the Lincoln Veterans Administration Hospital treating patients with periodontal problems and implant needs. The exact amount of time spent at the VA Clinic is dependent upon the resident's individual program.

PROGRAM COSTS 2023-2024

Clinical Fees

Fall Term (July 1 - December 31)	\$2,806
Spring Term (January 1 - June 30)	\$2,806
Total Clinical Fees Per Year	\$5,612

Equipment Assessment

Total Equipment Assessment Cost Per Year \$2,050

Total Fees Per Year \$7,662

Each resident must submit to an is responsible to pay for a background check. This one-time fee is approximately \$40 and includes sales tax. The fee is subject to change.

STIPEND AND EMPLOYEE STATUS

Salary

As of July 1, 2019, GME-eligible Periodontics residents will be appointed as 1.0 FTE employees and will receive a salary. GME-eligible postgraduate students are eligible for a flexible benefit package which includes choices among health, life, and disability insurance.

Future income is contingent upon continued availability of federal funds and, therefore, is subject to change at any time. Due to the changes in GME funding, future funding may be at a reduced level.

Student Loans and Loan Deferment

Postgraduate students are considered students of the College of Dentistry for financial aid purposes. Postgraduate students may get financial aid information from the UNMC Financial Aid Office (<https://www.unmc.edu/student-success/financial-aid/>) and student loan payments for postgraduate students can usually be deferred. Postgraduate students in periodontology may be eligible for loans through the American Academy of Periodontology.

Vacation/Sick Leave

Postgraduate students receiving GME funding shall have ten (10) scheduled working days of paid leave per year. Leave includes vacation and sick leave. Leave in excess of ten (10) days per year must be taken as Leave Without Pay from the College or as Family Leave. Leave requests

must be submitted as per the policies of the program and the College. Residents have additional vacation days that do not count toward the 10-day limit when the University is closed (e.g., the week between Christmas and New Year's Day, one week spring break, one week between spring and summer session and other holidays).

Private Practice

Private practice of dentistry is not permitted during the first year of residency. If the resident is progressing satisfactorily, the resident can practice in the private sector on weekends with administrative approval. The practicing resident must have a regular Nebraska dental license and is independent from the College of Dentistry during that period. (See Nebraska Licensure.)

IMMUNIZATIONS

The University of Nebraska Medical Center College of Dentistry policy requires that all entering residents in programs requiring patient contact must be vaccinated or exhibit active immunity to tetanus, measles*, mumps, diphtheria, chicken pox, polio, rubella and Hepatitis B and have had a TB skin test within the last 6 months, unless the student has a previous positive test/medical contraindication. Each entering resident must verify at the time of matriculation that he or she has completed the accepted routine of vaccinations. An immunization record is required in order for the student to be registered.

*Anyone born after 1957 is required to have two measles shots to assure immunity, with the second one given after 1980.

NEBRASKA LICENSURE

Postgraduate students are required to have a Nebraska Dental License (temporary or regular) by the time they begin the postgraduate program. Those who accept GME funding are expected to have a Nebraska Dental License (temporary or regular) and federal and state DEA licenses by July 1 in the year the postgraduate program commences so they can participate in the After-Hours Emergency Care Program.

A student who is licensed in another state, territory, or District of Columbia can obtain a temporary Nebraska Dental License prior to enrollment as a full-time postgraduate resident. The temporary license is only for practice-related and clinical teaching activities within the College of Dentistry and does not allow extramural private practice.

For a regular license, the State Board accepts the results of the clinical examination given by the Central Regional Dental Testing Service. The State Board also has provisions for licensure by credentials for individuals licensed in other states.

More detailed licensure information may be obtained online from the State of Nebraska Department of Health, Bureau of Examining Boards. Failure to obtain licensure by August 31st may result in training program delay. Failure to maintain licensure during the residency will result in dismissal from the program and no certification of participation."

STATE OF NEBRASKA RESIDENCY

As employees of the University, GME-eligible postgraduate residents are considered to be residents of the State of Nebraska. Ordinarily, residents who are not GME-eligible are considered non-residents of the State of Nebraska.

PROFESSIONAL LIABILITY

The University of Nebraska has in force professional liability insurance covering all students within the College of Dentistry.

Current coverage is \$1,000,000 per person per occurrence, with \$100,000 deductible. The University provides self-insurance for the \$100,000 deductible through the University's general and professional liability insurance program.

ADDITIONAL PROGRAMS IN GRADUATE EDUCATION

Master's Program

In conjunction and simultaneously with a resident's education leading to a certificate of specialization in periodontology, a program is available to complete the requirements for M.S. degree. This program leading to a master of science degree awarded by the University of Nebraska Medical Center Office of Graduate Studies is administered through the Department of Oral Biology in the College of Dentistry (Medical Sciences Interdepartmental Area [MSIA] Graduate Program).

The M.S. program consists of the conduct of an approved research project, the submission of a formal thesis and defense, and may involve expanded course-work depending on the resident's area of study. Extra time may be needed to meet the requirements of the M.S. degree. GME eligible residents, because they are University employees, receive tuition remission for up to 15 graduate credits per year.

Ph.D. Program

A program may be designed for a certificate of specialization in periodontics and a Ph.D. through the medical sciences interdepartmental area in one of the participating departments such as oral biology. This program is structured for an individual planning on a full-time career in academics and research. Further information can be obtained from the program director.

APPLICATION PROCESS FOR M.S. DEGREE

After acceptance by the student into the postgraduate certificate program, an application to the Graduate College for the M.S. program must be completed by the student who wishes to take the graduate degree program concurrently. Students interested in an M.S. degree should make application as soon as possible after acceptance to the periodontal program.

Applicants seeking a graduate degree (M.S.) must also meet the admission requirements of the Graduate College and the MSIA Program.

STATEMENT OF EQUAL EDUCATIONAL OPPORTUNITY

In accordance with University policy, UNMC prohibits the denial of admission or of medical center privileges to residents or applicants on the basis of race, color, gender, national origin, age, disability or religious or political beliefs. These privileges include but are not limited to admission, class assignments, scholarships, fellowships, assistantships, and financial aid, as well as housing and recreational facilities. Furthermore, student organizations must base their selection of students for membership in criteria which will not include race, color, religion, gender, national origin, age or disability.

Admittance to UNMC programs will not be denied to otherwise qualified disabled individuals solely by reason of their disability. Qualified disabled persons are those who meet the academic and technical standards for each program. These nonacademic skills are essential to successful program completion.

In summary, UNMC policies are in accord with:

Title VI of the Civil Rights Act of 1964
 Title IX of the Educational Amendments of 1972
 Sections 503 and 504 of the Rehabilitation Act of 1973
 Sections 799A and 854 of the Public Health Services Act
 Americans with Disabilities Act of 1990

The objective of the University of Nebraska Medical Center is to recruit and retain persons of high moral and ethical character. In accordance with this objective, the University of Nebraska Medical Center reserves the right to review a candidate's suitability for admission.

Advanced Education in General Dentistry Advanced Education in General Dentistry (AEGD)

The University of Nebraska Medical Center College of Dentistry submitted an initial application for an Advanced Education in General Dentistry (AEGD) program to the Commission on Dental Accreditation (CODA) in 2018. Initial accreditation was granted by CODA in February of 2019 and the first cohort of residents began in July 2019. A 2021 site visit reaffirmed the program's accreditation status.

AEGD Program Purpose

1. Train recent dental school graduates to deliver comprehensive dental care to a wide range of patients with varying needs, in different clinical environments, and at an advanced level of skill and/or complexity beyond that accomplished in their predoctoral education.
2. Reinforce and expand residents' basic knowledge and skills in the areas of pathology, diagnosis, treatment planning, and clinical and preventive dentistry, dental emergencies and pain and anxiety control utilizing behavioral and/or pharmacological techniques.
3. Expose residents to advanced training in the areas of endodontics, prosthodontics, orthodontics, oral surgery, periodontics, pediatric dentistry, implantology, TMD and restorative dentistry.
4. Instill practice management and production skills that will translate into their private practices upon completion of the residency program.
5. Reinforce the necessity of lifelong learning and strengthen critical thinking to apply evidenced-based patient care.

Upon successful completion of the one-year AEGD residency program, the resident will receive a certificate.

Programs Goals and Objectives

1. Expand the capacity of the recent graduate to provide comprehensive dental care by providing opportunities which refine clinical skills, building on existing foundational knowledge (both basic and applied) and skills in the areas of operative dentistry, endodontics, periodontics, prosthodontics (including implants), pediatric dentistry and oral surgery.

Objective 1a: Residents will provide emergency and multidisciplinary comprehensive oral health care.

Objective 1b: Residents will provide oral health care at an advanced level of skill and/or case complexity beyond that accomplished in

pre-doctoral training: including restorative dentistry, restoration of the edentulous space, periodontal therapy, endodontic therapy, oral surgery, evaluation and treatment of dental emergencies, and pain and anxiety control utilizing behavioral and/or pharmacological techniques.

Objective 1c: Residents will be able to manage medical emergencies, implants, oral mucosal diseases, temporomandibular disorders and orofacial pain.

2. Provide experiences in community settings so that the generalist will be better prepared to actively participate in the comprehensive health care of a wide range of patients in a variety of settings, especially underserved communities.

Objective 2a: Residents will foster and build relationships between the generalist and other members of the health care team.

Objective 2b: Residents will develop knowledge and skills to provide dental care in non-traditional settings and environments including the organization and delivery of oral health care as a part of community service.

Objective 2c: Residents will have a working knowledge and develop skills in managing patients with developmental disabilities, mental illness, physical disabilities, complex medical problems and social situations, which may impact patient management and provision of comprehensive dental care.

Objective 2d: Residents will develop general understanding and application of laboratory and diagnostics in systemic disease.

3. Refine the clinical skills a generalist brings to the program, providing an opportunity to individualize certain aspects of training while taking into account varying abilities, background and career goals and by applying critical thinking principles, evidence/outcomes based care, and use of information databases in clinical decision making and practice management.

Objective 3a: Residents will expand their skills in critical thinking and analysis of care outcomes applied to clinical practice.

Objective 3b: Residents will expand upon their understanding of databases and apply information retrieved to provide evidenced based care.

Objective 3c: Residents will utilize principles of practice management such as professional ethics, jurisprudence and risk management, management of office personnel and quality management.

4. Provide experiences that will enable a generalist to interact with other members of interdisciplinary health care teams in a variety of health care delivery environments.

Objective 4a: Residents will promote communication and function effectively within interdisciplinary health care teams, including consultation and referral.

Objective 4b: Residents will coordinate and provide patient-focused care, and direct health promotion and disease prevention activities.

Objective 4c: Residents will conduct medical assessments and physical evaluations of patients and refer to appropriate health care professionals as necessary.

Objective 4d: Residents will present formal interdisciplinary patient care conferences.

5. Develop appropriate attitudes and behavior toward the profession by providing the opportunity for professional development as a clinician, teacher, researcher and administrator.

Objective 5a: Residents will enhance their skills in critical review of relevant scientific literature, and prepare and present position papers to others within the healthcare field.

Objective 5b: Residents will utilize the values of professional ethics, patient's rights, lifelong learning, patient centered care, adaptability, and acceptance and appreciation of cultural diversity in professional practice.

Objective 5c: Residents will participate in and apply knowledge from continuing education, instilling lifelong learning and professional growth.

Objective 5d: Residents will serve as the coordinator/administrator of the oral health care team in providing optimal patient care and utilizing best practices of patient and practice management.

Objective 5e: Residents will participate in clinical teaching of dental hygiene and pre-doctoral dental students.

Program Details

Length of Program: 12 months

Application Deadline: March 15

Start Date: July 1

Positions Available: 6

Course Enrollment: AEGD 772 Advanced Education in General Dentistry

Location: Durham Outpatient Center, Omaha, Nebraska

Rotations:

- Federally Qualified Health Centers in Nebraska to provide health care to underserved communities
- UNMC College of Dentistry Lincoln Clinic to treat patients with complex needs
- UNMC College of Dentistry Pediatric Dental Clinic at Children's Hospital & Medical Center in Omaha

Requirements for Certification

Upon successful completion of the one-year AEGD residency program at UNMC, the resident will receive a certificate. The following criteria will be utilized in evaluating the resident for certification. As part of the current competency and proficiency movement in postgraduate general dentistry, it will be the resident's responsibility to provide documentation of their experiences during the residency. (Competency statements are available on-site for review or are available upon request.) Documents will be gathered and presented for review by the faculty on a periodic basis. Documents will be stored through the use of a portfolio. Criteria for successful evaluation will be:

- Completion of all off site and UNMC rotations with an over-all satisfactory evaluation by the attending staff or their designee.
- Completion of all medical and dental records in accordance with established quality assurance guidelines.
- Completion of check out of materials and supplies.
- Completion of dental treatment on a sufficient number of patients that demonstrate quality comprehensive care.
- Demonstration of a high degree of professionalism through interplay with other health care professionals in the dental treatment of patients who are medically, mentally, and physically challenged as well as participation in a community service project.
- Satisfactory completion of record and patient care audits in accordance with established quality assurance guidelines.
- Satisfactory participation in the program's clinical and didactic curriculum.
- Completion of one manuscript suitable for publication in a peer refereed journal or participation in clinically based research or formal presentation of a self- investigated topic to a collection of peers within the academic or professional community.

Facilities and Equipment

The Adult General Dentistry Clinic is located in the University of Nebraska Medical Center Durham Outpatient Center.

Clinical Program

Dental residents spend approximately 75% of their time providing dental care to a wide variety of patients. These groups include:

- Medical/Dental inpatients referred for evaluation and treatment
- Medically, mentally, physically challenged outpatients
- Well outpatients
- Geriatric patients
- Social Services patients
- Emergency walk-ins
- Military Veterans

Residents will participate in the screening of patients admitted to the program and the development of definitive treatment plans. The treatment plans are presented to the attending staff in the dental clinic and at weekly treatment planning meetings. At that time, the attending staff will review the treatment plan with the residents and make recommendations, review options of treatment and discuss rationale of treatment plan decisions. An active Nebraska state dental license is necessary to participate in this program and to receive the stipend. Incoming residents will be provided with additional information regarding temporary state licensure.

Special emphasis is given to oncology, liver transplant, heart transplant, pancreas transplant, cardiac valve replacement, HIV patients and their problems. The dental residency program works closely with these services preparing and managing these patients.

Training in physical evaluation will be provided during the first months of the program to allow the residents to more actively participate in the care of patients.

Safe Work Environment

The program follows State, Federal, and National regulatory bodies with respect to asepsis and safety within the workplace. Emergency preparedness and safe work environment materials are available for review. Some of these documents will be provided to the resident during orientation.

Didactic Program

A number of educational programs have been developed for the dental residents. These educational programs are designed to provide the residents with additional exposure to both medical and dental problems and developments. The following programs are regularly scheduled for the resident's benefit:

- Educational seminars presented by guest lecturers, attending staff or specialists in Medicine/Dentistry
- Educational seminars presented by the residents
- Periodontal Treatment planning and Case Conference
- Implant Treatment Planning and Case Conference
- Journal Club / Ethical Dilemmas
- Practice Management
- Operative Dentistry
- Fixed and Removable Prosthetics; including implants and introduction to maxillofacial prosthetic concepts
- Continuing education for credit
- Joint conferences with other residency programs
- Meetings with dental representatives to discuss new materials, continuing education, job placement and more

Educational seminars presented by the attending staff, guest lecturers or medical/dental specialists will focus on advanced techniques in the individual's specialty or interest areas. Educational seminars presented by the residents will focus on management of dental patients with special needs or complex management and on implant placement/restoration patient cases.

Oral pathology conferences are presented by an oral pathologist. The conferences review and augment the resident's knowledge of oral and general pathology as well as oral medicine.

Oral surgery conferences are presented by various medical or oral surgery attending staff or residents. The subjects covered include a variety of dental and medical problems, techniques important to diagnosis and management of patients and techniques or problems in oral surgery. Seminar subjects will cover basic and special considerations for inpatient and outpatient care of dental patients undergoing combined medical and dental procedures. Principles of fluid balance, laboratory interpretation, pain management, TMJ disorders, infection and medication management are just a few examples of subjects presented. A physical assessment course is also provided through the Oral Surgery Service.

A six-week lecture course on a restorative approach to implants is also provided with the oral surgeons—this addresses both surgical and restorative aspects of implant placement and restorative. Implant case conferences are held at the VA amongst the prosthodontist, generalists, oral surgeons and residents to discuss cases prior to implant placement and to achieve the best results surgically and restoratively.

Treatment planning/case review seminars are monthly presentations of difficult or unusual dental patients. The residents are requested to present the patient's medical and dental problems, how they affect the patient and his/her treatment, and what treatment was prescribed and carried out.

Distance Learning Policy

Didactics are available remotely utilizing Zoom teleconferencing. To assure academic integrity, and to maintain security and privacy, residents gain access to course materials and educational resources by means of secure login authentication. Upon admission to UNMC, each resident is assigned a unique electronic identity, which is protected by a password. All communications are managed through the secured learning management system, including contact with the instructor and collaboration with peers. The submission of assignments, and accessing grades are not planned to be communicated through remote learning. Attendance and verification are also easily accomplish via simple voice and video identification during live broadcast teleconferences. There is no charge to the residents for distance education.

PROGRAM REQUIREMENTS

Emergency On Call

Residents will provide emergency on call while at the College of Dentistry in Lincoln when on rotation there.

Off-Service Rotations

- Charles Drew Health Center (Dental Clinic)
- OneWorld Community Health Centers
- Good Neighbor Community Health Center
- Community Action Partnership of Western Nebraska
- FQCH-Federally Qualified Health Centers
- UNMC College of Dentistry

Immunizations

See University of Nebraska Medical Center Immunization Policy (<https://catalog.unmc.edu/general-information/student-policies-procedures/immunization-policy/>).

Cardiopulmonary Resuscitation (CPR)

Each student is required to be certified and maintain certification in basic CPR provided by the American Heart Association. A copy of the current and valid certification in basic CPR must be maintained at the College of Dentistry. Certification in Advanced Life Support (ACLS) also is encouraged.

STIPEND AND EMPLOYMENT INFORMATION

Stipend

The estimated stipend will be approximately \$40,000, and is not determined until June of the residency year. GME-eligible postgraduate

students are eligible for a flexible benefit package which includes choices among health, life, and disability insurance. Future income is contingent upon continued availability of federal funds and, therefore, is subject to change at any time.

The dental resident will be responsible for the timely payment of established program fees and will receive a salary. Established program fees which are the responsibility of the resident include \$1,025 per semester equipment tax fee (\$2,050 total) and background check fee of approximately \$40.

Student Loans and Loan Deferment

Currently, postgraduate students are considered students of the College of Dentistry for financial aid purposes. Postgraduate students may get financial aid information from the UNMC Financial Aid Office and student loan payments for postgraduate students can be deferred.

Vacation/Sick Leave

Postgraduate students shall have fifteen (15) scheduled working days of paid Leave per year. Leave includes vacation, sick leave, and professional development leave. Leave in excess of fifteen (15) days per year must be taken as Leave Without Pay from the College or as Family Leave. Such extended leave may result in extension of the training program without pay. Leave requests must be submitted as per the policies of the program and the College.

Private Practice

Students are allowed to participate in private practice (moonlighting activities) but must arrange their schedules with the program co-directors to prevent conflict with program responsibilities.

State of Nebraska Residency

As employees of the University, GME-eligible postgraduate students are considered residents of the State of Nebraska.

PROFESSIONAL LIABILITY

The University of Nebraska has in force professional liability insurance covering all enrolled students of the College of Dentistry performing services as part of the College's program.

Current coverage is \$1,000,000.00 per person, per occurrence, with \$100,000.00 deductible. The University provides self-insurance for the \$100,000.00 deductible through the University's general and professional liability insurance program.

NEBRASKA LICENSURE

Postgraduate students are required to have a Nebraska Dental License (temporary or regular) by the time they begin the postgraduate program. Those who accept GME funding are expected to have a Nebraska Dental License (temporary or regular) and federal and state DEA licenses by July 1 in the year the postgraduate program commences so they can participate in the After-Hours Emergency Care Program.

A student who is licensed in another state, territory, or District of Columbia can obtain a temporary Nebraska Dental License prior to enrollment as a full-time postgraduate resident. The temporary license is only for practice-related and clinical teaching activities within the College of Dentistry and does not allow extramural private practice.

For a regular license, the State Board accepts the results of the clinical examination given by the Central Regional Dental Testing Service.

The State Board also has provisions for licensure by credentials for individuals licensed in other states.

More detailed licensure information may be obtained online from the State of Nebraska Department of Health, Bureau of Examining Boards. Failure to obtain licensure by August 31st may result in training program delay. Failure to maintain licensure during the residency will result in dismissal from the program and no certification of participation."

Application Procedure

Applicant Eligibility

Must have a professional dental degree from an A.D.A.-accredited dental college or school with the degree designation of Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD). Provisional acceptance exists for students in the final stages of dental education. In addition, the applicants must have a valid license to practice within the United States of America or be licensed as such by the time they are to begin the postgraduate program in advanced education in general dentistry.

Once accepted, a Nebraska dental license is required to participate in the program. At the present time foreign trained dentists (non-U.S. or non-Canadian dental degrees) are not being accepted for the postgraduate advanced education in general dentistry training program. This is because of licensing restrictions.

Selection Factors

- Grade point average
- Class standing
- Academic achievements
- National board examination scores
- Recommendations (3)
- Personal statement of goals (include explanation for choice of graduate field, expectations for learning in your chosen field of study, and anticipated career goals)
- Other supporting evidence such as a CV or résumé

Applicant Process

The Advanced Education in General Dentistry program participates in PASS, but not Match. All applicants must follow the guidelines established by this service to be eligible for the program.

1. The Advanced Education in General Dentistry (AEGD) Residency Program participates in the Postdoctoral Application Support Service (PASS) but not match. PASS is a centralized application service that allows applicants to complete one standard application for distribution to multiple participating advanced dental education programs. PASS facilitates the recruitment process prior to the evaluation of applicants by the programs. PASS has been designed and is administered by the American Dental Education Association (ADEA). All applicants must follow the guidelines established by this service to be eligible for the program. Those interested in applying to the AEGD program should complete and submit an application through PASS. The application deadline is March 15, but may be extended until all open positions are filled.

2. Those individuals who have completed their application and meet standards for acceptance will be invited for an interview. Personal interviews are conducted by invitation.

American Dental Education Association
Postdoctoral Application Support Services
1625 Massachusetts Avenue, NW Suite 600
Washington, D.C. 20036-2212
800-353-2237

Statement of Equal Educational Opportunity

In accordance with University policy, UNMC prohibits the denial of admission or of Medical Center privileges to students or applicants on the basis of race, color, sex, national origin, age, disability or religious or political beliefs. These privileges include but are not limited to admission, class assignments, scholarships, fellowships, assistantships, and financial aid, as well as housing and recreational facilities. Furthermore, student organizations must base their selection of students for membership in criteria which will not include race, color, religion, sex, national origin, age or disability.

Admittance to UNMC programs will not be denied to otherwise qualified disabled individuals solely by reason of their disability. Qualified disabled persons are those who meet the academic and technical standards for each program. These nonacademic skills are essential to successful program completion.

In summary, UNMC policies are in accord with:

- Title VI of the Civil Rights Act of 1964
- Title IX of the Educational Amendments of 1972
- Sections 503 and 504 of the Rehabilitation Act of 1973
- Sections 799A and 854 of the Public Health Services Act
- Americans with Disabilities Act of 1990

The objective of the University of Nebraska Medical Center is to recruit and retain persons of high moral and ethical character. In accordance with this objective, the University of Nebraska Medical Center reserves the right to review a candidate's suitability for admission.