

PERIODONTICS (CERTIFICATE)

The Graduate Periodontics Program begins July 1st of each year and is of 36 months duration. Upon successful completion of the program, the resident is awarded a Certificate in Periodontics and is eligible to take the American Board of Periodontology examination. A Master of Science in Dentistry degree is a requirement of the program, and residents are prepared to defend a Master's Thesis.

The program is planned to be multifaceted and to utilize the extensive facilities and outstanding personnel of the University of Colorado to provide:

- A strong foundation in the basic sciences, including surgical anatomy, cell biology, biochemistry, immunology, research methodology, and others.
- Clinical science courses that include occlusion, oral medicine, oral pathology, dental implantology, interdisciplinary treatment planning, and others.
- An extensive review of the periodontal literature to provide the basis for understanding current philosophies of therapy and to establish a scientific basis for formulating comprehensive treatment plans.
- Exposure to a wide range of periodontal diagnoses requiring a variety of therapeutic procedures. Residents are encouraged to utilize a variety of materials and clinical techniques as long as there is evidenced-based research to support their clinical decision-making.
- Research opportunities in either basic science or clinical areas to enable the resident to accomplish a meaningful original research project.
- Some experience in a hospital environment at University Hospital on the Anschutz Medical Campus, to support conscious sedation training.
- Teaching experience in both the classroom and clinic to communicate those principles and skills acquired during training.

The University of Colorado Graduate Periodontics Program **DOES NOT** participate in ADEA/PASS or MATCH Programs. To apply, please follow the guidelines below.

The number of applicants accepted varies each year based upon positions available and Commission on Dental Accreditation limitations. Candidates should possess strong academic credentials. The application cycle opens on March 1st. Applicants must submit a completed application by July 1st in order to be considered for admission for the next year. The application process is forever evolving during this time and you will be notified after July 1st of the next steps. Upon acceptance, a \$3,000 deposit is required to hold your position. This deposit will be applied toward tuition.

Please note at this time our program cannot provide externships. Once your application is in, you will be assigned to a 2nd-year resident where specific questions can be answered.

Application Requirements:

- Completed Postgraduate Periodontics Program Application (https://dental.cuanschutz.edu/docs/librariesprovider253/prospective-student-uploads/perio-admissions-application-new-15--powell-edit.pdf?sfvrsn=83ddc9b9_2)

- Regents Questionnaire (https://dental.cuanschutz.edu/docs/librariesprovider253/prospective-student-uploads/board-of-regents-questionnaire-2008-2009.pdf?sfvrsn=87ddc9b9_2)
- Official transcript in a sealed envelope from each college/university attended. International transcripts must be evaluated by an accredited foreign credentialing service. If your college/university can send official transcripts via email, these will be accepted going forward.
- National Board Examination scores (official report or certified copy), can be sent via email.
- Curriculum vitae
- Three (3) letters of recommendation. Recommendation letters can be sent via email (alyssa.russo@cuanschutz.edu) from the person who is recommending you.
- Application fee of \$50.00 paid online (https://isis-cs.prod.cu.edu/psc/csprod/EMPLOYEE/HRMS/c/CU_SELFSRV_PUB.CU_APPFEE_PAYMENT.GBL?INSTITUTION=CUDEN).

More detailed information can be found on the American Academy of Periodontology (AAP) website (<https://www.perio.org/education/CO-UCO.htm>).

Additional Documents Required (If Applicable):

- Graduate Record Examination (GRE) scores: Required for all applicants who graduated from a dental school not accredited by the Commission on Dental Accreditation or schools that do not rank or provide grades. GRE scores taken more than five (5) years before the application date will not be accepted. For GRE scores, please use the institution code 7209.
- Test of English as a Foreign Language (TOEFL) scores: Required for international applicants. TOEFL tests taken more than two (2) years prior to the date of application will not be accepted. For TOEFL scores, please use the institution code B785.
- Permanent Resident Green Card: If an applicant is now a permanent resident of the United States, the applicant must provide their full, legal name as it appears on immigration documents and a certified copy of the front and back of their federal Green Card.

Applications can be sent via email

(alyssa.russo@cuanschutz.edu) (preferred method) or mailed to:

University of Colorado School of Dental Medicine
Postdoctoral Program in Periodontics
Mail Stop F-850
13065 E. 17th Avenue (For FED-EX/UPS, include Room 104D)
Aurora, CO 80045

Applications will be updated in your file at the beginning of every month as long as we have your application in hand. We will reach out by the 5th of each month leading to the deadline to verify that your application is complete or if there is anything missing. If we do not have your application, no update will be given. Thank you for your patience on this.

Questions? Please contact Alyssa Russo, Residency Coordinator, at (303) 724-6243 or alyssa.russo@cuanschutz.edu.

Over the course of 36 months, residents' time is allocated in the following manner:

- Clinical – 62%
- Didactic - 34%
- Research – 3%
- Teaching – 1%

Requirements for Graduation:

- Maintain a "B" (3.0 on a 4.0 scale) overall Grade Point Average (GPA)
- Successful completion of all required courses or their appropriate substitutes
- Attendance at all classes and clinics assigned
- Successful completion of exams
- Demonstrate clinical proficiency in Periodontics
- Be a Student Member of the American Academy of Periodontology
- Be a Student Member of the American Dental Association

First Year

| Course | Title | Hours |
|-------------------|---|-----------------------|
| First Year | | |
| Summer | | |
| DPER 7100 | Periodontics Specialty Clinic 1 | 0.1-11 |
| DPER 7101 | Periodontal Current Literature | 0.1-11 |
| DPER 7103 | Periodontal Literature Review Seminar I | 0.1-11 |
| DPER 7111 | Advanced Periodontal Concepts | 0.1-11 |
| DPER 7113 | Oral Medicine and Clinical Diagnosis | 0.1-11 |
| DPER 7114 | Physical Diagnosis | 0.1-11 |
| DPER 7115 | Interdisciplinary Course 1A | 0.1-11 |
| DPER 7211 | Pain Control & Sedation/Comprehensive Pain Management | 0.1-11 |
| | Hours | 0.7999999999999999-88 |
| | Total Hours | 0.7999999999999999-88 |

| Course | Title | Hours |
|-------------------|--|-----------|
| First Year | | |
| Fall | | |
| DPER 7200 | Periodontics Specialty Clinic 2 | 0.1-11 |
| DPER 7201 | Periodontics Current Literature 1A | 0.1-11 |
| DPER 7203 | Periodontal Literature Review Seminar 1A | 0.1-11 |
| DPER 7204 | Periodontal Case Presentations Seminar 1A | 0.1-11 |
| DPER 7210 | Advanced Periodontal Biology | 0.1-11 |
| DPER 7212 | Postgraduate Dental Implantology Seminar 1B | 0.1-11 |
| DPER 7215 | Interdisciplinary Course 1B | 0.1-11 |
| DPER 7216 | Pharmacology 1 | 0.1-11 |
| DPER 7219 | Dental and Medical Emergency Management | 0.1-11 |
| DPER 8120 | Head and Neck Anatomy | 0.1-11 |
| DPER 7220 | Research and Methodology and Biostatistics I | 2.5 |
| | Hours | 3.5-112.5 |
| | Total Hours | 3.5-112.5 |

| Course | Title | Hours |
|-------------------|---|---------|
| First Year | | |
| Spring | | |
| DPER 7300 | Periodontics Specialty Clinic 3 | 0.1-11 |
| DPER 7301 | Periodontics Current Literature 1B | 0.1-11 |
| DPER 7303 | Periodontal Literature Review Seminar 2 | 0.1-11 |
| DPER 7304 | Periodontal Case Presentations Seminar 1B | 0.1-11 |
| DPER 7305 | Periodontal Research 1 | 0.1-11 |
| DPER 7308 | Ethics, Financial and Practice Management 1 | 0.1-11 |
| DPER 7315 | Interdisciplinary Course 1C | 0.1-11 |
| DPER 7316 | Pharmacology II | 0.1-11 |
| DPER 7317 | Implant Provisionalization for the Periodontal Resident | 0.1-11 |
| DPER 8106 | Anesthesiology | 0.1-11 |
| DPER 7320 | Research Methodology and Biostatistics 2 | 3 |
| DPER 6209 | Surgical Anatomy and Osteology | 0.1-11 |
| | Hours | 4.1-124 |
| | Total Hours | 4.1-124 |

Second Year

| Course | Title | Hours |
|--------------------|--|--------|
| Second Year | | |
| Summer | | |
| DPER 8100 | Periodontics Specialty Clinic 4 | 0.1-11 |
| DPER 8101 | Periodontal Current Literature 2 | 0.1-11 |
| DPER 8102 | Periodontal Literature Review Seminar 2 | 0.1-11 |
| DPER 8105 | Periodontal Research 2 | 0.1-11 |
| DPER 8115 | Interdisciplinary Course 2A | 0.1-11 |
| DPER 8116 | Management of Orofacial Pain | 0.1-11 |
| DPER 8110 | Advanced Radiology and Radiographic Interpretation | 0.1-11 |
| | Hours | 0.7-77 |
| | Total Hours | 0.7-77 |

| Course | Title | Hours |
|--------------------|---|-----------------------|
| Second Year | | |
| Fall | | |
| DPER 8200 | Periodontics Specialty Clinic 5 | 0.1-11 |
| DPER 8201 | Periodontal Current Literature 2A | 0.1-11 |
| DPER 8203 | Periodontal Literature Review Seminar 3 | 0.1-11 |
| DPER 8204 | Periodontal Case Presentations Seminar 2A | 0.1-11 |
| DPER 8205 | Periodontal Research 3 | 0.1-11 |
| DPER 8215 | Interdisciplinary Course 2B | 0.1-11 |
| DPER 8216 | Pharmacology III | 0.1-11 |
| DPER 8219 | Dental and Medical Emergency Management | 0.1-11 |
| DPER 8222 | Periodontic/Orthodontic Treatment | 0.1-11 |
| | Hours | 0.8999999999999999-99 |
| | Total Hours | 0.8999999999999999-99 |

| Course | Title | Hours |
|--------------------|--|-----------------------|
| Second Year | | |
| Spring | | |
| DPER 8300 | Perio Specialty Clin 6 | 0.1-11 |
| DPER 8301 | Periodontics Current Literature 2B | 0.1-11 |
| DPER 8303 | Perio Lit Rev Seminar 4 | 0.1-11 |
| DPER 8304 | Perio Case Pres Sem 2B | 0.1-11 |
| DPER 8305 | Perio Research 4 | 0.1-11 |
| DPER 8308 | Ethics, Financial and Practice Management 2 | 0.1-11 |
| DPER 8311 | Adv Immu/ Microbiology | 0.1-11 |
| DPER 8315 | Interdisciplinary Course 2C | 0.1-11 |
| DPER 8316 | Pharmacology IV | 0.1-11 |
| DPER 8317 | Advanced Oral & Maxillofacial Pathology for Periodonon | 0.1-11 |
| | Hours | 0.999999999999999-110 |
| | Total Hours | 0.999999999999999-110 |

Third Year

| Course | Title | Hours |
|-------------------|---|--------|
| Third Year | | |
| Summer | | |
| DPER 9100 | Perio Specialty Clin 7 | 0.1-11 |
| DPER 9101 | Periodontal Current Literature 3A | 0.1-11 |
| DPER 9102 | Periodontal Literature Review Seminar 5 | 0.1-11 |
| DPER 9105 | Periodontal Research 5 | 0.1-11 |
| DPER 9015 | Interdisciplinary Course 3A | 0.1-11 |
| DPER 9017 | Scientific Writing and Evaluation | 0.1-11 |
| | Hours | 0.6-66 |
| | Total Hours | 0.6-66 |

| Course | Title | Hours |
|-------------------|---|----------------------|
| Third Year | | |
| Fall | | |
| DPER 9200 | Perio Specialty Clin 8 | 0.1-11 |
| DPER 9201 | Periodontal Current Literature 3B | 0.1-11 |
| DPER 9203 | Periodontal Literature Review Seminar 6 | 0.1-11 |
| DPER 9204 | Perio Case Pres Sem 3A | 0.1-11 |
| DPER 9205 | Periodontal Research 6 | 0.1-11 |
| DPER 9215 | Interdisciplinary Course 3B | 0.1-11 |
| DPER 9216 | Pharmacology V | 0.1-11 |
| DPER 9219 | Dental and Medical Emergency Management | 0.1-11 |
| | Hours | 0.799999999999999-88 |
| | Total Hours | 0.799999999999999-88 |

| Course | Title | Hours |
|-------------------|---|--------|
| Third Year | | |
| Spring | | |
| DPER 9300 | Perio Specialty Clin 9 | 0.1-11 |
| DPER 9301 | Periodontal Current Literature 3C | 0.1-11 |
| DPER 9303 | Periodontal Literature Review Seminar 7 | 0.1-11 |
| DPER 9304 | Perio Case Pres Sem 3B | 0.1-11 |

| | | |
|-----------|---|----------------------|
| DPER 9305 | Periodontal Research 7 | 0.1-11 |
| DPER 9308 | Ethics, Financial and Practice Management 3 | 0.1-11 |
| DPER 9315 | Interdisciplinary Course 3C | 0.1-11 |
| DPER 9316 | Pharmacology VI | 0.1-11 |
| | Hours | 0.799999999999999-88 |
| | Total Hours | 0.799999999999999-88 |

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- Maintain a "B" (3.0 on a 4.0 scale) overall Grade Point Average (GPA)
- Successful completion of all required courses or their appropriate substitutes
- Attendance at all classes and clinics assigned
- Successful completion of exams
- Demonstrate clinical proficiency in Periodontics
- Be a Student Member of the American Academy of Periodontology
- Be a Student Member of the American Dental Association

Mission Statement:

The primary objective of the Periodontics Residency Program is to produce outstanding clinical periodontists who engage in a broad scope of periodontal procedures and who are capable of engaging in research, teaching and leadership activities. We hope to produce the most well trained clinical periodontists coming out of residency programs in the U.S., so that they can offer the highest quality of care to their patients, provide for their families, and give back to the community and the profession.

This is accomplished by focusing on the following goals and objectives:

Goal 1

- Provide comprehensive training that assures resident knowledge and proficiency in periodontics.

Objectives:

- Demonstrate foundational didactic knowledge and insight in the biomedical sciences.
- Demonstrate a high level of clinical skill in a comprehensive variety of periodontal and dental implant treatment modalities.
- Demonstrate knowledge of classic and current periodontal and Implant literature; including interpretation, analysis, and critical evaluation.
- Demonstrate knowledge of systemic/medical considerations impacting patient periodontal status and provision of care.
- Demonstrate knowledge of pathogenesis/management of oral mucosal pathoses.
- Demonstrate knowledge of and clinical skills in multidisciplinary patient care (prosthodontic, orthodontics, TMD, endodontics).
- Demonstrate knowledge of and clinical skills in methods of adjunctive anxiety and pain control including conscious sedation using intravenous, oral and inhalation routes. Emphasis will be placed on IV sedation.
- Prepare residents for practice following graduation by introduction to principles of practice management.
- Demonstrate professional/ethical behavior in all aspects of residency training and patient care.

Goal 2

- Provide instructional skills that will enable residents to effectively communicate/transmit knowledge of periodontics and related subjects.

Objectives:

- Demonstrate knowledge of organizing, leading and presenting lectures, case presentations and seminars.
- Demonstrate ability to teach clinical periodontal evaluation, diagnosis and therapy to other oral health care providers.

Goal 3

- Prepare residents for specialty board certification.

Objectives:

- Successfully challenge the AAP In-Service Examination.
- Successfully evaluate case scenarios using ABP guidelines.
- Obtain specialty board certification by program graduates.

Goal 4

- Create an atmosphere of scientific inquiry and scholarship.

Objectives:

- Develop an understanding of the scientific method, hypothesis testing and use of evidence-based methodologies. Demonstrate active engagement in research leading to Master of Science of Dentistry degree by the conclusion of residency.
- Present research findings at local/national levels. Publish in scientific journals.

Goal 5

- Maintain rigorous evaluation of the residency program.

Objectives:

- Evaluation of the residency program by program graduates.
- Evaluation of faculty effectiveness by residents and Program Director.
- Provide frequent formal resident feedback.
- Evaluate goals, objectives and outcomes of the program annually.