

# Periodontics

## Head

Sivaraman Prakasam

## Graduate Program Director

Sukirth M. Ganesan

**Professional certificate:** periodontics

**Faculty:** <https://dentistry.uiowa.edu/directory?cohort=440255>

**Website:** <https://dentistry.uiowa.edu/departments/periodontics>

The Department of Periodontics educates predoctoral students as well as professional students who may elect to pursue graduate study along with their professional training. The department also provides interdisciplinary care for patients with complex treatment needs; generates new knowledge through its research programs; and provides professional service and leadership at all levels, from local to worldwide.

## DDS Student Training

The periodontal program instructs Doctor of Dental Surgery students in the diagnosis and management of periodontal and peri-implant diseases and conditions. It combines didactic, laboratory, and clinical experiences and applies the biological concepts of periodontology to the comprehensive clinical management of patients.

## Programs

### Professional Program of Study

- Certificate in Periodontics

## Facilities

The department has 22 modern, well-equipped operatories devoted exclusively to periodontics.

Research facilities include laboratories in histology, microscopy, biomaterials, quantitation, tissue culture, biochemistry and molecular biology, and microbiology. Other facilities are available by arrangement with University of Iowa Health Care, Eckstein Medical Research Building, and Medical Laboratories.

## Courses

### Periodontics Courses

**PERI:5220 Periodontics Classic Literature Review** arr.  
Foundation of core concepts pertaining to the field of periodontology; includes review and critical analysis of landmark studies that have shaped the development of contemporary concepts in diagnosis and management of periodontal conditions and diseases and implant dentistry in a multidisciplinary context.

**PERI:5700 Advanced Periodontology** 0-1 s.h.

**PERI:5710 Case Management Seminar** 0-2 s.h.  
Case management seminar in periodontics.

**PERI:5720 Current Topics** 0-1 s.h.  
Current topics in periodontics.

**PERI:5740 Periodontal Implant Provisionalization** 0-1 s.h.

**PERI:5750 Advanced Clinical Periodontics** 0,2 s.h.

**PERI:7208 Recent Advances in Periodontics** 0-3 s.h.  
Review of current literature.

**PERI:7700 Practice Management** 1 s.h.  
Practice management in periodontics.

**PERI:7701 Practice Teaching in Periodontics** 1 s.h.

**PERI:8120 Fundamentals in Periodontology I** 2 s.h.  
Normal periodontium, periodontal diseases, diagnosis etiology, epidemiology of periodontal diseases.

**PERI:8230 Fundamentals in Periodontology II** 1 s.h.  
Periodontal treatment planning, prognosis, initial phase of periodontal therapy, treatment of acute periodontal problems, overview of surgical procedures.

**PERI:8370 Clinical Periodontology** 4 s.h.  
Comprehensive concepts of periodontology and clinical management of patients.