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1989/1991 University of the Pacific School of Dentistry Catalog

University of the Pacific

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UNIVERSITY OF THE PACIFIC



School of Dentistry

1989-1991 Catalog

UNIVERSITY OF THE PACIFIC

San Francisco Campus

School of Dentistry
2155 Webster Street
San Francisco, CA 94115
415 929-6400

In 1896 The College of Physicians and Surgeons of San Francisco was incorporated as an educational institution with departments of Medicine, Dentistry and Pharmacy. The first class in dentistry graduated in 1897. Medicine and Pharmacy were discontinued in 1918 and the college operated solely as a dental school. In 1962 "P & S" amalgamated with the University of the Pacific becoming the University's School of Dentistry located in the prestigious Pacific Heights district of San Francisco. Since 1897 more than 5,000 graduates have entered the dental profession from this institution.

The School has a long history of teaching excellence in the clinical sciences and in commitment to student learning. The Comprehensive Patient Care program is based on the concept of private dental practice where the student assumes responsibility for assigned patients' treatment, consultation and referral for specialty care under direction of multidisciplinary faculty. Extramural Clinics located in Union City and Sacramento provide advanced students with opportunities to work in environments that resemble private practice.

Telephone Numbers:

Admissions Office	415 929-6491
Registrar	415 929-6437
Financial Aid	415 929-6452
UOP Apartments	415 929-6455

Stockton Campus

University of the Pacific
3601 Pacific Avenue
Stockton, CA 95204
209 946-2011

The University of the Pacific was established in 1851 as the first chartered private institution of higher learning in California. It is a non-state supported, nonprofit California educational corporation. Pacific has been recognized as an innovative leader in private education throughout its history. It provided the West Coast's first medical school in 1858 which later became part of Stanford University and today operates independently as the Pacific Presbyterian Medical Center. UOP also provided the West's first coeducational campus in 1871, the first conservatory of music in 1878 and the first and only four year private educational institution in California's Central Valley.

College of the Pacific is the central liberal arts component of the University. The Graduate School was established in 1956. Professional schools on the Stockton campus include Music, Education, Engineering, Pharmacy, and Business and Public Administration. Combined enrollment for the University's Stockton, Sacramento and San Francisco campuses is approximately 6,000 students.

Sacramento Campus

McGeorge School of Law
3282 Fifth Avenue
Sacramento, CA 95817
916 449-7191

McGeorge College of Law, an independent law school founded in 1924, merged with the University as its School of Law in 1966. The school occupies a 19 acre campus used exclusively for legal training. This living and learning environment provides the unique setting for a dynamic center of legal education, research and realistic training in the skills of the legal profession. McGeorge operates both day and evening divisions as well as full and part time graduate law programs.

University Officers

Bill L. Atchley, B.S., M.S., Ph.D.

President

Lee C. Fennell, B.S., M.A., Ph.D.

Acting Academic Vice President

Clifford L. Dochterman, B.A., M.A.

Vice President-Executive Assistant

Robert R. Winterberg, A.B., D.B.A.

Financial Vice President

Judith M. Chambers, B.A., M.A.

Vice President for Student Life

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University of the Pacific

School of Dentistry

Catalog 1989-1991

Reservation of Powers

The School of Dentistry reserves the right to modify or change the curriculum, admission standards, course content, degree requirements, regulations, tuition or fees at any time without prior notice. The information in this catalog is not to be regarded as creating a binding contract between the student and the School.

HISTORY AND EDUCATIONAL GOALS

The School of Dentistry of the University of the Pacific is located in the heart of San Francisco, one of the world's most distinctive metropolitan centers. Since its incorporation in 1896 as the College of Physicians and Surgeons, the School has been recognized as a major resource for dental education in the Western states. In 1962 the College of Physicians and Surgeons amalgamated with the University of the Pacific, and a nine story building was completed in 1967 for functional teaching of clinical dentistry and conduct of dental research. Equipment and facilities are constantly updated, setting the pace for new and better methods of dental care delivery.

The Alumni Association provided a twelve operator dental clinic which has served as the School's major extended campus in Southern Alameda County since 1973. Through sale of California Educational Facilities Act Bonds, the University purchased and renovated a building within seven blocks of the School to help meet student needs for reasonable cost housing. The facility houses 252 residents in 66 apartments and provides a contemporary dental technic laboratory and physical fitness center for use by residents.

The University of the Pacific is fully accredited by the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges. The dental educational programs are fully accredited by the Commission on Dental Education. The School of Dentistry is a member of the American Association of Dental Schools.

Educational Goals

The basic missions of the School of Dentistry are education, service and research. Its goals are to:

1. Educate qualified persons who, upon completion of the academic and clinical programs, will be prepared to provide quality dental care to the public.
2. Conduct and disseminate the results of research in the areas of basic science, clinical dentistry, delivery of dental care, and dental education.
3. Provide comprehensive dental treatment and information through clinical facilities in the building, community clinics and educational programs.
4. Provide and promote continuing education programs to keep practicing dental professionals current with recent developments in the field.
5. Provide postgraduate education programs which will both strengthen the quality of undergraduate education and open avenues of professional advancement for qualified graduates from dental programs.

CURRICULUM

The thirty-six month curriculum leading to the degree of Doctor of Dental Surgery combines biomedical, preclinical and clinical arts and sciences in a program that prepares graduates to provide excellent quality dental care to the public and to enter a changing world that will require them to supplement and adapt existing knowledge and skills. The academic year beginning in July is divided into 13 week quarters consisting of ten weeks of instruction, an examination week and two weeks of vacation.

Biomedical science and instruction in anatomy, biochemistry, physiology, pharmacology and microbiology is offered during the first eight quarters, and diagnostic science instruction in pathology, radiology and oral diagnosis and treatment planning is continued throughout the curriculum. Principles and procedures of preventive dentistry and appropriate aspects of the behavioral sciences are presented and practiced throughout the program.

Preclinical instruction in the various dental disciplines is concentrated in the first four quarters with students learning to work from a seated position in preclinical laboratories and with a chairside assistant in conjunction with pediatric dental practice. Clinical work with patients is initiated in the third quarter.

Advanced instruction is correlated with clinical practice during the second and third years. The School's Comprehensive Patient Care Program is based on the concept of private dental practice where the student assumes responsibility for assigned patients' treatment, consultation and referral for specialty care. During the second year, students provide comprehensive dental care under direction of a group practice administrator and multidisciplinary faculty team from diagnostic sciences, periodontics, operative dentistry, endodontics, orthodontics, and fixed and removable prosthodontics.

Oral and maxillofacial surgery, pediatric dentistry and radiology are learned in respective specialty clinics. Doctoral students participate with faculty and graduate orthodontic students in adjunctive orthodontic care and oral development clinics.

During the third year, students practice 36 hours per week in the School's ultramodern clinic and in extramural clinics in a variety of community settings. Students are assisted at the chair by community college students who are assigned to the School to gain clinical dental assisting experience. Under faculty supervision, advanced students provide dental care in selected community clinics that resemble private practice settings more closely than intramural clinics.

Instructional emphasis at extramural sites includes development of dental office and auxiliary management skills. In addition to instruction in principles of practice management, students receive individual counsel regarding how and where to establish practice and to apply for postgraduate education. A weekend conference devoted to new developments in dentistry serves to acquaint students with opportunities for postgraduate education and to discuss the realities of dental practice with alumni.

Units of credit

One unit of credit is assigned for one hour of lecture or seminar, two hours of laboratory or clinic, or three hours of documented self study per week. Students are assigned to comprehensive core clinics for approximately 409 hours during the second year and 946 hours during the third. Units of credit are assigned in the comprehensive care clinical disciplines in proportion to time students need to provide care for assigned patients.



COURSE DESCRIPTIONS

Course descriptions are grouped below under respective departments. Numbers in parentheses following course titles indicate the quarters, 1 through 12, during which courses are offered. Hours of instruction and units of credit are listed separately for clinical courses offered during second and third years, e.g. Endo 5, 6 Clinical Endodontics.... (4 units; 6 units).

Community Dentistry

ComD 1A, B, L Introduction to Comprehensive Patient Care (1-3)

Overview of dental practice and introduction to clinical care of patients with emphasis on the following: development of a comprehensive medical and dental data base and history; understanding of dental diseases; diagnostic tests, clinical protocol, professional deportment, control of infection, use of instruments, scaling and polishing of teeth; communication and patient relations; community and individual approaches to preventive aspects of dentistry; and characteristics and trends in the dental profession. (20, 30 hours lecture-seminar, 2, 3 units; 80 hours clinic including patient screenings, and seminar and community experiences, 4 units)

ComD 2L Orientation to Comprehensive Patient Care Clinic (4)

Supervised simulation and clinical experience with skills in clinical protocol, records, financial arrangements, sequencing of activities, case evaluation and planning, computer monitoring, insurance, and provision of initial examination, scaling and polishing, and oral hygiene instruction. (30 hours laboratory-clinic, 2 units)

ComD 3 Basic Management Science (6-7)

Fundamental concepts and terminology of the art and science of management as a basis for management decisions in dental practice. (20 hours lecture, 2 units)

ComD 4 Fundamentals of Dental Practice (10-11)

Bases for dental management decisions to ensure competitive entry into dental practice including: dental health care delivery, long and short term planning, ethical dilemmas for dental professionals and models for personal evaluation. (30 hours lecture, 3 units)

ComD 5 Introduction to Geriatric Dentistry (9)

Basic processes of aging including psychological, medical and therapeutic problems of older patients, and epidemiology and demography of the older population. (10 hours lecture and preparation of a clinical case study, 1 unit)

ComD 6 Jurisprudence (11)

Foundations of the law, its primary groupings and modes and its application to the dentist and dental practice environment. (9 hours lecture, 1 unit)

ComD 7 Extramural Practice (9-12)

Clinical and practice management training that will increase efficiency in delivery of high quality dental care in settings that resemble private practice more closely than the dental school clinic. (196 hours clinical rotations, 6 units)

Anatomy

ANAT 1 Basic Tissues (General Histology) (1)

Cell biology and histology of the basic human tissues as a basis for organology, physiology and pathology. (15 hours lecture, 3 hours laboratory, and 12 hours self study, 2 units)

ANAT 2 Gross Anatomy (1-2)

Review of major organ systems: functional gross anatomy relevant for health care professionals; clinically important functional anatomy of head and neck structures including the brain; methodology includes dissection, models, radiographs. (40 hours lecture and 70 hours laboratory, 7 units)

ANAT 3 Organology and Oral Histology (3)

Microscopic anatomy of the organ systems and their functions relevant for professional health care personnel, and development and microanatomy of the dentofacial complex correlated with basic clinical applications. (45 hours lecture, 12 hours laboratory and 13 hours self study, 6 units)

ANAT 4 Clinically Applied Anatomy (8)

Review of anatomy relevant to dental practice in preparation for National Board Examinations. (10 hours lecture, 1 unit)

Biochemistry

BCHM 1 Biochemistry (3-4)

Major molecular structures and processes of the human organism including structure, function and biosynthesis of the informational macromolecules, proteins and nucleic acids; generation and storage of metabolic energy; structure, genesis and transformations of calcified tissues; and digestion, absorption and utilization of required nutrients. (60 hours lecture, 6 units)

Physiology

PHGY 1 Physiology (4-5)

Functioning of the human body, basic methods used to evaluate physiological parameters in animal models and humans, and introduction to recognition of functional abnormalities in humans. Cell membrane transport; electrical potentials; peripheral nerves; skeletal and smooth muscles; spinal cord and autonomic nervous system; circulatory system and respiratory system. Homeostatic function of the kidneys; energy metabolism, temperature regulation, assimilation of food by the gastrointestinal tract; regulatory function of the endocrine system; perception of the external world through the sense organs, and integrative activity of the brain. (70 hours lecture, 18 hours demonstration-seminar, and 12 hours laboratory, 9 units)

PHGY 2 Pharmacology and Therapeutics (7-8)

Rationale of drug use in dental practice and mechanisms of action of drugs used for medical management of dental patients; pharmacodynamics and kinetics; quantitative pharmacology; drug laws and regulations; prescription writing; emergency drugs, drug interactions, drug abuse, toxicology; autonomic, respiratory, cardiovascular, psychotropic, hormonal, gastrointestinal, antianxiety, antiparkinson, antidiabetic, antineoplastic drugs; neuromuscular blockers, histamine antagonists, inflammatory mediators, sedative - hypnotics, anticonvulsants, general and local anesthetics, analgesics, antibiotics, antifungal and antiviral agents, substance abuse, toxicology, and OSHA regulations, drug interactions, and therapeutic decision making. (78 hours lecture, 3 hours laboratory, 8 units)

Microbiology

MICR 1 Microbiology (5-6)

Agents causing infectious diseases including bacteria, mycoplasma, spirochetes, rickettsia, chlamydia, viruses, fungi, protozoa and metazoa; environmental distribution, transmission, mechanisms of infection initiation, and diagnosis, treatment and prevention of infectious diseases. Immunology and immunological diseases, serology and serological tests, blood groups, transplant immunology and neoplastic diseases. (30 hours lecture and 60 hours laboratory, 6 units)

Diagnostic Sciences: Pathology/Oral Medicine

PATH 1 Physical Diagnosis and Basic Disease Processes (1)

Rationale and procedures for performing a comprehensive clinical examination of anatomic structures of the head and neck; introduction to basic medical problems that affect dental treatment and management; protocol for obtaining a thorough medical history. (20 hours lecture, 2 units)

PATH 2 General Pathology (6-7)

Basic concepts of disease with regard to mechanisms, gross tissue changes and microscopic changes in selected instances, and implications and applications of these concepts to dental practice. (56 hours lecture, seminar and 50 hours self instruction, 10 units)

PATH 3 Oral Pathology (8-9)

Recognition of basic tissue reactions and lesions that occur in the mouth, jaws and neck; formulation of tentative diagnoses, methods used to secure definitive diagnoses and provide appropriate therapy, management or obtaining consultation for the same. (20 hours lecture, programed instruction equivalent to 20 hours lecture, and a three hour clinical rotation, 6 units)

PATH 4 Differential Diagnosis of Oral Diseases (10)

Clinical evaluation, differential diagnosis and management protocols for oral and paraoral soft tissue and jaw lesions, based on knowledge of the appearance, behavior and treatment of oral diseases. (20 hours clinicopathology conferences, 2 units)

Diagnostic Sciences: Radiology

ORAD 1 Dental Radiology (3-4)

Radiation physics and biology, image quality, intensifying devices, radiation safety, tomography, radiation and the law, radiologic techniques, film processing, anatomic landmarks and principles of radiographic interpretation. (18 hours lecture, 2 units)

ORAD 2L Dental Radiographic Technique Laboratory (4)

Instruction and practice using the extension cone paralleling radiographic technique including patient management, radiation safety, use of equipment, film placement, exposure, processing, identification and mounting, and correction of technical errors. (20 hours laboratory, 1 unit)

ORAD 3 Oral Radiographic Interpretation (5)

Introduction to interpretation of normal vs. pathologic radiographic appearance of structures of the maxilla and mandible. (10 hours lecture, 1 unit)

ORAD 4 Oral Radiographic Interpretation Seminar (8)

Systematic approach to interpretation of oral radiographs and documentation of diagnostic findings. (4 hours seminar, 1 unit)

ORAD 5 Clinical Oral Radiology (5-8)

Preparation, evaluation and interpretation of diagnostically acceptable intraoral and panoramic radiographic surveys for comprehensive care and emergency clinic patients. (40 hours clinical rotations, 2 units)

Diagnostic Sciences:**Oral Diagnosis and Treatment Planning****ODTP 1L Oral Diagnosis Technique (4)**

Review of dental and periodontal diagnostic techniques, routine and emergency screening methods and protocols, and clinical diagnosis and treatment planning records; clinical practice in screening prospective patients, assisting senior colleagues with oral diagnosis and treatment planning emergencies, and periodontal and endodontic diagnosis and treatment planning. (8 hours seminar, 12 hours clinic, 1 unit)

ODTP 2 Facial Pain (9)

Physiological, pathological, and psychological causes of head and neck pain; establishing differential diagnoses and prioritizing treatment options. (10 hours lecture, 1 unit)

ODTP 3, 4 Clinical Oral Diagnosis & Treatment Planning (5-8; 9-12)

Diagnosis of and communicating to patients their needs for dental treatment; recognizing medical, oral, physical, emotional and economic factors that modify or complicate dental treatment, and developing comprehensive dental treatment plans suitable for patients' needs and in accord with identified modifying, complicating factors. (4 units; 2 units)

ODTP 5 Emergency Clinic (9-12)

Diagnosis and treatment for patients who require immediate treatment. (48 hours clinical rotations, 2 units)

Endodontics**ENDO 1L Preclinical Endodontics (4)**

Pulp morphology and anatomy and cleaning and shaping of root canals, access openings, use of irrigating solutions and intracanal medications, obturating the canal and judging the complete treatment with radiographs. (40 hours laboratory, 2 units)

ENDO 2 Basic Endodontics (4)

Development of the dental pulp, classification and nature of endodontic disease, clinical diagnosis and fundamentals of root canal therapy. (10 hours lecture, 1 unit)

ENDO 3 Endodontics (8)

Review of endodontic diagnosis and therapy, radiographic interpretation; bleaching vital/nonvital teeth, restoration of endodontically treated teeth; dental trauma, pain control and patient management; endodontic emergencies, surgery. (10 hours lecture, 1 unit)

ENDO 4 Advanced Endodontics (10)

Endodontic differential diagnosis, endodontic/periodontic lesions, pulp preservation, biologic effects and physical properties of endodontic materials, root resorption, root fractures, comparison of endodontic techniques involving warm gutta percha, silver cones and pastes, evaluation of endodontic success, and dental-legal responsibilities. (10 hours lecture, 1 unit)

ENDO 5, 6 Clinical Endodontics (5-8; 9-12)

Endodontic diagnosis, treatment planning and therapy including management of endodontic emergencies and surgical endodontics in comprehensive clinical dental practice. (3 units; 9 units)



Orthodontics

ORTH 1 Human Growth and Development (4)

Basic mechanisms of human growth and development with emphasis on craniofacial development related to orthodontic and pediatric dentistry diagnosis and treatment planning. (10 hours lecture, 1 unit)

ORTH 2L Preclinical Orthodontics (4)

Impression and model trimming techniques; basic wire bending techniques; fabrication of removable and fixed/removable orthodontic appliances; banding and bonding of edgewise appliances; use of basic orthodontic records for diagnosis and treatment planning for space management, limited tooth movement, and comprehensive treatment in the primary, mixed and adult dentitions; laboratory exercises with the active/passive appliance. (20 hours laboratory, 1 unit)

ORTH 3 Orthodontics (6-8)

Orthodontics in general dentistry, including identification of normal and abnormal occlusion; development of the dentition and dentofacial complex; determination of arch length discrepancies, and treatment planning for space maintenance; serial extraction procedures; habits and associated treatment modalities; philosophy, techniques, indications and contraindications for limited orthodontic treatment and for combined orthodontic-prosthodontic-periodontic-pedodontic treatment; removable appliances and straight wire edgewise appliance; surgical orthodontics; biologic responses to orthodontic forces; biomechanical principles; cleft palate; comprehensive orthodontic care. (30 hours lecture, 3 units)

ORTH 4 Applied Orthodontics (9-11)

Identification of normal occlusion, developmental dentofacial abnormalities and malocclusions; diagnosis and treatment planning using cephalometrics, models, photographs, arch length analysis, tooth size discrepancy analysis, and wax set-up; and practice of limited tooth movement procedures with the straight wire edgewise appliance on a typodont. (20 hours lecture, seminar and laboratory, 1 unit)

ORTH 5 Clinical Orthodontics (5-12)

Identifying malocclusion in primary, mixed and permanent dentitions; recognizing stages in the developing dentition and dentofacial complex; observing treatment of the growing child and the adult; distinguishing the patient who requires comprehensive orthodontic treatment and assuming responsibility for counseling and referring the patient and communicating with the specialist; and recognizing potential for and integrating appropriate limited orthodontic treatment with removable and/or fixed appliances in conjunction with comprehensive dental care.

(20 hours seminar, conferences and clinic, 1 unit)

Operative Dentistry

OprD 1, 1L Preclinical Operative Dentistry (1-3)

Scope and philosophy of Operative Dentistry, criteria and rationale for each type of cavity preparation employed, and indications for and techniques of using dental materials employed in restoring teeth with amalgam, cast gold inlays and onlays, resins and gold foil. Laboratory instruction and practice to develop eye-hand coordination necessary to perform operative dental procedures at the beginning clinical level working from a seated position using direct and indirect vision of the operating field.

(60 hours lecture, 6 units; 160 hours laboratory, 8 units)

OprD 2L Introduction to Clinic (4)

Introduction to dental auxiliary utilization, mixing and placing cavity liners and bases, administration of local anesthetics, rubber dam application, gingival retraction and impression techniques, basic life support techniques and cardiopulmonary resuscitation. (40 hours lecture, laboratory, clinic, 2 units)

OprD 3 Operative Dentistry (6)

Advanced operative dentistry principles and techniques including local anesthesia administration, materials and methods for cast gold restorations, tooth colored filling materials, amalgam, mercury, matrix band systems, fractured teeth, amalgam retention pins, and restoration of teeth with extensive carious lesions.

(10 hours lecture, 1 unit)

OprD 4, 5 Clinical Operative Dentistry (5-8; 9-12)

Diagnosis, treatment planning and intracoronal dental therapy, including preparation for and restoration of teeth with cast gold and porcelain inlays and onlays, resins, laminates, and amalgam in comprehensive clinical dental practice; requirements include practice of operative dentistry procedures under simulated state board examination conditions. (7 units; 9 units)

Periodontics**PERI 1L Preclinical Periodontics (4)**

Techniques for periodontal examination and charting, instrument sharpening, root planing and use of ultrasonic devices; introduction to sterile technique; suturing; temporary splinting. (20 hours laboratory, 1 unit)

PERI 2 Periodontal Diseases (4)

Introduction to Periodontology; clinical and histopathological features, pathogenesis and etiologies of periodontal disease. (10 hours lecture, 1 unit)

PERI 3 Basic Periodontics (5-6)

Introduction to methodology of collecting data, utilizing it to make a diagnosis, preparing a treatment plan and beginning therapy; rationale for initial therapy including elimination of local factors, Occlusal correction, temporary and provisional splinting, minor tooth movement and initial therapy evaluation; basic rationale for periodontal surgery; techniques employed in surgical periodontics including the scientific basis for surgical technique, specific indications/contraindications, and sequence in healing following gingival surgery and osseous resection. (20 hours lecture-seminar, 2 units)

PERI 4 Periodontics (7-8)

Indications/contraindications, techniques and results achieved with pocket elimination and pure mucogingival periodontal surgery; objectives, prerequisites, techniques and results achieved with use of orthodontic tooth movement as an adjunct to periodontal and restorative treatment; combined periodontal-orthodontic problems, diagnosis and treatment; new attachment, reattachment; and use of antibiotics and the Keyes techniques in treating periodontal disease. (20 hours lecture, 2 units)

PERI 5, 6 Clinical Periodontics (5-8; 9-12)

Periodontal diagnosis, treatment planning and nonsurgical therapy in comprehensive clinical dental practice (Phase I Therapy); periodontal surgery performed by advanced students assisted by second year students (Phase II Therapy); and maintenance treatment (Phase III Therapy). (7 units; 5 units)

Oral and Maxillofacial Surgery**OSRG 1L Preclinical Oral and Maxillofacial Surgery (4)**

Principles of mucoperiosteal flap design, biopsy techniques, suturing, arch bar and wire application, use of flaps, bone removal and tooth sectioning for exodontia, and facial fractures and their diagnosis. (4 hours lecture, 12 hours laboratory, 1 unit)

OSRG 2 Elimination of Pain and Apprehension in Dentistry (3-4)

Rendering the conscious patient free of pain and apprehension without inducing detrimental physiological or psychological side effects. The conscious patient is one who has intact protective reflexes including ability to maintain an airway, and who is capable of rational response to question or command. (20 hours lecture, 2 units)

OSRG 3 Basic Oral and Maxillofacial Surgery (6-8)

Principles of routine and complicated exodontia, pre- and postsurgical complications, instrumentation, vital signs, impactions, asepsis, preprosthetic surgery, biopsy techniques, and medications used in Oral and Maxillofacial Surgery. (30 hours lecture, 3 units)

OSRG 4 Hospital Dentistry (6)

Hospital organization, joining the hospital staff, hospitalizing a patient for dental treatment, alternative methods of treatment, medical risk factors and psychological considerations, consultations, admission and operating room procedures, and general anesthetics. (10 hours lecture, 1 unit)

OSRG 5 Advanced Oral and Maxillofacial Surgery (9-11)

Correlation of diagnostic findings with treatment planning; identification of treatment the general dentist ordinarily refers to the oral and maxillofacial surgeon; effective consultation and referral. (30 hours lecture, 3 units)

OSRG 6, 7 Clinical Oral and Maxillofacial Surgery (5-8; 9-12)

Oral and maxillofacial surgical treatment planning and treatment including routine exodontia, incision and drainage, biopsy, mucoperiosteal flap design, sectioning of teeth and bone removal; utilizing accepted procedures for asepsis; and patient preparation, positioning and management including obtaining patients' informed consent and proper consideration for medically compromised patients. The student assumes responsibility to recognize limitations of competence and to refer patients who need more skilled surgical treatment to a specialist. (60 hours assisting and 54 hours surgery rotations, 1 unit; 2 units)

Removable Prosthodontics**RPRS 1, 1L Preclinical Removable Prosthodontics:****Complete Dentures (1-2)**

Scope and philosophy of removable prosthodontics; biomechanics of the edentulous state; biologic considerations for impressions, vertical and horizontal jaw relations and the temporomandibular joint; Hanau quint; facebow registration; osteology; record bases and occlusion rims; facial landmarks, muscles of head, neck and oral cavity; use of articulator; arrangement and articulation of artificial teeth; try-in of trial dentures; processing, finishing and polishing of dentures; obtaining comfortable dentures for the patient; and clinical remount to perfect the occlusion and restore tooth anatomy. Laboratory includes arrangement and articulation of 28 artificial teeth. (40 hours lecture, 4 units; 120 hours laboratory, 6 units)

RPRS 2, 2L Preclinical Removable Prosthodontics:**Retrognathic and Immediate Dentures (7)**

Diagnosis and treatment of Class II edentulous patients and those who are to receive immediate dentures; conventional, transitional and diagnostic immediate dentures; tooth selection and repairing complete dentures; introduction to tooth supported complete dentures; use of the articulator, dental materials and technique for construction of retrognathic and immediate complete dentures; posterior palatal seal and its biologic considerations; work authorization procedures. (10 hours lecture, 1 unit; 30 hours laboratory, 1 unit)

RPRS 3, 3L Preclinical Removable Prosthodontics:**Removable Partial Dentures (8)**

Diagnosis and treatment of partially edentulous patients who require removable partial dentures; base design and relines, survey and design, clasp design, rest preparation, tooth selection, major connectors, impression procedures and delivery of a removable partial denture. Laboratory includes preparation and placement of a mesio-alloy rest, survey and design of casts for distal extension bases and with anterior teeth missing, arrangement and articulation of artificial teeth for complete dentures, and work authorization forms and procedures. (10 hours lecture, 1 unit; 30 hours laboratory, 2 units)

RPRS 4 Removable Prosthodontics (8)

Review of principles and procedures for designing and constructing complete dentures; clinical problems and solutions related to design and construction of dental prostheses that will fulfill patients' requirements for mastication, esthetics, phonetics and comfort. (10 hours lecture, 1 unit)

RPRS 5 Advanced Removable Prosthodontics (9-10)

Alternative impression materials and techniques, differential diagnosis for fixed vs. removable treatment, stress release clasping systems and corrective impression techniques, integration of crown fabrication with removable partial denture requirements, periodontal aspects of design and preparation of natural teeth, and introduction to precision attachments. Review of complete denture fabrication techniques; tissue conditioning, mandibular complete denture stability, prevention of gagging, treatment of the Class III patient, immediate and conventional overdentures, preprosthetic surgery, and analysis of complete denture complaints following delivery. (20 hours lecture, 2 units)

RPRS 6 Clinical Removable Prosthodontics (9-12)

Diagnosis, treatment planning and removable prosthodontic treatment that restores masticatory function and phonetics, preserves underlying structures, results in patient comfort and is esthetically pleasing, in comprehensive clinical dental practice. (13 units)

RPRS 7 Removable Prosthodontics:**Preparation for State Licensure (9-12)**

Practice of state board removable prosthodontic procedures under simulated examination conditions. (28 hours laboratory, 1 unit)

Fixed Prosthodontics

FPRS 1, 1L Preclinical Fixed Prosthodontics (2-4)

Scope and philosophy of fixed prosthodontics; diagnosis and treatment planning for patients requiring restorative dentistry; rationale and criteria for each type of cast and ceramic restoration used at the School; preparation design; manipulation of materials used to fabricate a restoration; laboratory communication; quality recognition for all steps of treatment; determination of potential or existing failures; long term care for patients with fixed restorations. (50 hours lecture, 5 units; 180 hours laboratory, 9 units)

FPRS 2, 2L Dental Anatomy (1-2)

Tooth morphology and relationship of teeth in form and function to each other and to supporting structures; use of the wax-added and carving techniques in reproducing coronal portions of individual teeth. (20 hours lecture, 2 units; 40 hours laboratory, 2 units)

FPRS 3 Dental Materials (1-2)

Structure, properties, applications and selection of dental materials that will yield optimum clinical results. (40 hours lecture, 4 units)

FPRS 4L Waxing to Occlusion (3)

Introduction to study of occlusion; waxing of crowns on dies of prepared teeth to proper contour, contact and occlusal function; additional wax-added and carving practice in reproducing posterior teeth. (30 hours laboratory, 2 units)

FPRS 5 Occlusion (5-7)

Gnathostomatic system: anatomy, function and parafunction; relevance of occlusion in all phases of general dentistry; restoring sound occlusion for clinical patients; introduction to diagnosis and treatment of temporomandibular joint dysfunction. (42 hours lecture, 24 hours laboratory, 6 units)

FPRS 6 Fixed Prosthodontics (7)

Application of basic fixed prosthodontics principles to alternative and advanced clinical techniques including: gingival retraction, electrosurgery, cements and cementation, hydrocolloid and vinyl polysiloxane impressions, acid etch bridge, and dental implants. (10 hours lecture, 1 unit)

FPRS 7 Advanced Fixed Prosthodontics (9)

Advanced clinical fixed prosthodontic techniques including: esthetics, contouring, shade selection, stain and glaze, all ceramic crowns, porcelain veneers, inlays, onlays; crowns to fit existing partial dentures; porcelain repair; and dental laboratory communication. (10 hours lecture, 1 unit)

FPRS 8 Preclinical Transitional Fixed Prosthodontics (5-8)

Modification of ideal tooth preparations for common clinical problems; fabrication and finishing of an all metal casting on extracted natural teeth; and diagnosis, treatment planning and completion of an all metal cast restoration for an assigned clinic patient. (22 hours laboratory and clinic, 1 unit)

FPRS 9 Clinical Fixed Prosthodontics (9-12)

Diagnosis, treatment planning and fixed prosthodontic treatment that stabilizes, improves and protects the patient's gnathostomatic system, in comprehensive clinical dental practice. Requirements include independent delivery of a full occlusal coverage gold casting for a clinic patient under time constraints similar to dental licensure examination conditions. (17 units)

FPRS 10L Clinical Occlusion (11)

Clinical application of principles of occlusion including mandibular movements, geometric determinants of occlusal morphology, muscle examination, occlusal examination and adjustment, and restorative treatment. (1 hour lecture, 20 hours self instruction laboratory exercises, 1 unit)

Pediatric Dentistry

PedD 1L Preclinical Pediatric Dentistry (4)

Primary dentition anatomy and modified operative and crown fabrication procedures on primary teeth; Class I, II and modified III cavity preparations; preparation and fabrication of stainless steel crown, Pedoform strip crown; and sealant application. (5 hours lecture, 15 hours laboratory, 1 unit)

PedD 2 Pediatric Dentistry (5-7)

Physical and psychological development of the child, and prevention and treatment of dental diseases and abnormalities in children. (30 hours lecture, 3 units)

PedD 3 Dental Auxiliary Utilization (6-10)

Rationale and a system of procedures for sit down, four handed dental practice. (62 hours clinical rotations in conjunction with Clinical Pediatric Dentistry, 2 units)

PedD 4 Dental Care for the Disabled Patient (5)

Medical, psychosocial and dental management considerations for patients with the most common disabling conditions seen in dental office practice.
(10 hours lecture, 1 unit)

PedD 5 Clinical Pediatric Dentistry (6-10)

Diagnosis, treatment planning and comprehensive preventive and restorative dental treatment for children. (62 hours rotations in conjunction with Dental Auxiliary Utilization, 4 units)

Clinic Administration**CLIN 1, 2 Comprehensive Patient Care (5-8; 9-12)**

Comprehensive care for assigned patients in the disciplines of Endodontics, Fixed Prosthodontics, Operative Dentistry, Oral Diagnosis and Treatment Planning, Periodontics, Removable Prosthodontics and Orthodontics. For each assigned patient, the student examines and evaluates the patient, identifies and lists dental problems, completes an appropriate treatment plan and schedule, provides all dentistry required in the disciplines, and recognizes need for and refers the patient to specialty areas when such treatment is required. (approximately 1364 hours comprehensive care in clinical disciplines listed, 4 units; 8 units)



COURSE SEQUENCE, HOURS AND UNITS

Lecture / Laboratory (Clinic) Hours Per Quarter

NUMBER	TITLE	1	2	3	4	5	6	7	8	9	10	11	12	HOURS	UNITS
ComD 1, 1L	Introd. to Camp. Pat. Core	20/20	20/30	20/30										60/ 80	6/ 4
ComD 2L	Camp. Core Clinic Orient.				18/12									18/ 12	/ 2
ComD 3	Basic Management Science					10/	10/							20/	2/
ComD 4	Fund. of Dental Practice										10/	20/		30/	3/
ComD 5	Introd. to Geriatric Dent.									10/				10/	1/
ComD 6	Jurisprudence											09/		09/	1/
ComD 7	Extramural Clinic Practice									*	*	*	*	*	/ 6
ANAT 1	Basic Tissues	15/15												15/ 15	2/
ANAT 2	Gross Anatomy	30/ 50	10/20											40/ 70	7/
ANAT 3	Organology & Oral Histol.			40/30										40/ 30	6/
ANAT 4	Clinically Applied Anatomy								10/					10/	1/
BCHM 1	Biochemistry			40/	20/									60/	6/
PHGY 1	Physiology				30/	58/12								88/ 12	9/
PHGY 2	Pharmacology & Therapeutics							30/	48/02					78/ 02	8/
MICRO 1	Microbiology					20/40	10/20							30/ 60	6/
PATH 1	Basic Disease Processes	20/												20/	2/
PATH 2	General Pathology						36/	70/						106/	10/
PATH 3	Oral Pathology								20/40	20/				40/ 40	6/
PATH 4	Dif. Diagnosis Oral Diseases										20/			20/	2/
ORAD 1	Dental Radiology			10/	08/									18/	2/
ORAD 2L	Dental Radiology Technic				/ 20									/ 20	/ 1
ORAD 3	Oral Radiog. Interpretation					10/								10/	1/
ORAD 4	Radiographic Interp. Seminar								06/	*				06/	1/
ORAD 5	Clinical Dental Radiology					*	*	*		*				*	/ 2
ODTP 1L	Oral Diagnosis Technic				08/12									08/ 12	/ 1
ODTP 2	Facial Pain					*	*	*	*	10/				10/	1/
ODTP 3, 4	Clin. Diag.-Treatment Plan.					*	*	*	*	*	*	*	*	*	/ 6
ODTP 5	Emergency Clinic									*	*	*	*	*	/ 2
ENDO 1L	Predclinical Endodontics				/ 40									/ 40	/ 2
ENDO 2	Basic Endodontics				10/									10/	1/
ENDO 3	Endodontics								10/					10/	1/
ENDO 4	Advanced Endodontics										10/			10/	1/
ENDO 5, 6	Clinical Endodontics					*	*	*	*	*	*	*	*	*	/ 12
ORTH 1	Human Growth & Development				10/									10/	1/
ORTH 2L	Predclinical Orthodontics				/ 20									/ 20	/ 1
ORTH 3	Orthodontics						10/	10/	10/					30/	3/
ORTH 4	Applied Orthodontics					*	*	*	*	*	*	*	*	*	/ 1
ORTH 5	Clinical Orthodontics					*	*	*	*	*	*	*	*	*	/ 1
OprD 1, 1L	Predclin. Operative Dent.	20/60	20/60	20/ 40										60/ 160	6/ 8
OprD 2L	Introduction to Clinic				08/ 32									08/ 32	/ 2
OprD 3	Operative Dentistry						10/							10/	1/
OprD 4, 5	Clin. Operative Dentistry					*	*	*	*	*	*	*	*	*	/ 16
PERI 1	Periodontal Diseases				10/									10/	1/
PERI 2L	Predclinical Periodontics				/ 20									/ 20	/ 1
PERI 3	Basic Periodontics					10/	10/	10/						30/	3/
PERI 4	Periodontics								10/					10/	1/
PERI 5, 6	Clinical Periodontics					*	*	*	*	*	*	*	*	*	/ 12

Lecture / Laboratory (Clinic) Hours Per Quarter

NUMBER	TITLE	1	2	3	4	5	6	7	8	9	10	11	12	HOURS	UNITS
OSRG 1L	Preclin. Oral MF Surgery			10/	04/ 12									04/ 12	/ 1
OSRG 2	Elimination of Pain			10/	10/									20/	2/
OSRG 3	Basic Oral MF Surgery					10/	10/	10/						30/	3/
OSRG 4	Hospital Dentistry					10/								10/	1/
OSRG 5	Adv. Oral MF Surgery									10/	10/	10/		30/	3/
OSRG 6,7	Clin. Oral MF Surgery					*	*	*	*	*	*	*	*	*	/3
RPRS 1,1L	Preclin. Removable Prosth.	20/ 60	20/ 60											40/ 120	4/ 6
RPRS 2,2L	Precl. Immediate Dentures							10/ 30						10/ 30	1/ 1
RPRS 3,3L	Precl. Partial Dentures								10/ 30					10/ 30	1/ 2
RPRS 4	Removable Prosthodontics								10/					10/	1/
RPRS 5	Adv. Removable Prosth.									10/	10/			20/	2/
RPRS 6	Clin. Removable Prosth.									*	*	*	*	*	/13
RPRS 7	Rem. Prosthodontics: PSL									/ 04	/ 04	/ 04	/ 16	/ 28	/ 1
FPRS 1,1L	Preclin. Fixed Prosth.		20/ 60	20/ 60	10/ 60									50/ 180	5/ 9
FPRS 2,2L	Dental Anatomy	10/ 20	10/ 20											20/ 40	2/ 2
FPRS 3	Dental Materials	20/	20/											40/	4/
FPRS 4L	Waxing to Occlusion			10/ 20										10/ 20	/ 2
FPRS 5	Occlusion					02/ 06	20/ 09	20/ 09						42/ 24	6/
FPRS 6	Fixed Prosthodontics							10/						10/	1/
FPRS 7	Adv. Fixed Prosthodontics									10/				10/	1/
FPRS 8	Transitional Fixed Prosth.					*	*	*	*					*	/ 1
FPRS 9	Clin. Fixed Prosthodontics									*	*	*	*	*	/ 17
FPRS 10L	Clinical Occlusion											01/ 20		01/ 20	/ 1
PedD 1L	Preclin. Pediatric Dentistry				05/ 15									05/ 15	/ 1
PedD 2	Pediatric Dentistry					10/	10/	10/						30/	3/
Ped 3	Dental Auxiliary Utilization						*	*	*	*	*			*	/ 2
PedD 4	Dent. Care for Disabled Pts.					10/								10/	1/
PedD 5	Clin. Pediatric Dentistry						*	*	*	*	*			*	/ 4
CLIN 1,2	Comprehensive Patient Care					*	*	*	*	*	*	*	*	*	/ 12
TOTAL	LECTURE HOURS	155/	120/	170/	151/	120/	136/	190/	144/	70/	60/	40/		1356/	
	LABORATORY HOURS	225	250	180	243	58	29	39	72	04	04	24	16	1144	
	*CLINICAL PRACTICE					150	150	150	150	325	325	345	369	1964	
TOTAL		380	370	350	394	328	315	379	366	399	389	409	385	4464	143/159

*** CLINICAL ROTATIONS:**

SECOND YEAR: Transitional Fixed Prosthodontics
 Periodontal Surgery Assisting
 Oral Maxillofacial Surgery Assig.
 Radiology
 Screening
 Pediatric Dentistry

06
 15
 60
 40
 40
 30

Comprehensive Patient Care

409

THIRD YEAR: Oral and Maxillofacial Surgery
 Emergency Service
 Pediatric Dentistry
 Facial Pain Clinic
 Oral Medicine Clinic
 Orthodontics
 Extramural Clinic Practice
 PSL: Test Cases
 Comprehensive Patient Care

54
 48
 32
 08
 04
 20
 196
 56
 946

TOTAL

600

TOTAL

1364

THIRTY-SIX MONTH DOCTORAL PROGRAM SCHEDULE

FIRST QUARTER

	8	9	10	11	12	1	2	3	4	5
M	Introduction to Comprehensive Patient Care					Intro. to Comp. Core	Physical Diagnosis and Basic Disease Processes			
T	Dental Anatomy		Dental Materials				Gross Anatomy			
W	Basic Tissues		Gross Anatomy			Gross Anatomy				
Th	Preclinical Operative Dentistry					Preclinical Operative Dentistry				
F	Preclinical Removable Prosthodontics					Preclinical Removable Prosthodontics				

SECOND QUARTER

	8	9	10	11	12	1	2	3	4	5
M		Introduction to Comprehensive Patient Care					Intro to. Comp Patient Care			
T	Dental Anatomy			Dental Materials				Gross Anatomy		
W	Preclinical Fixed Prosthodontics					Preclinical Fixed Prosthodontics				
Th	Preclinical Operative Dentistry					Preclinical Operative Dentistry				
F	Preclinical Removable Prosthodontics					Preclinical Removable Prosthodontics				

FIFTH QUARTER*

	8	9	10	11	12	1	2	3	4	5
M	Physiol.		Microbiology			Microbiology	<div>CLINICAL PRACTICE</div>			
T	Radiograph. Interp.					Physiol.				
W	Pediatric Dentistry		Microbiology			Microbiology				
Th	Physiol.	Occlusion Laboratory (by assignment)				Periodontics				
F	Physiol.	Physiology Laboratory				Core of Disabled				

SIXTH QUARTER*

	8	9	10	11	12	1	2	3	4
M	Basic Mngt. Science	Pathology Self Study	Micro. Lab, 1st 1/2 Path. Lab, 2nd 1/2			Micro. 1/2 Path. 1/2	<div>CLINICAL PRACTICE</div>		
T	Ortho.					Periodontics			
W	Pediatric Dentistry	Operative Dentistry	Micro. Lab, 1st 1/2 Path. Lab, 2nd 1/2			Micro. 1/2 Path. 1/2			
Th	Occlusion	Occlusion Laboratory (by assignment)				Occlusion			
F	Hospital Dentistry					Oral & Maxfac. Surgery			

NINTH QUARTER

	8	9	10	11	12	1	2	3	4
M	Adv. Orol & Maxfac. Surgery	Geriatric Dentistry	Oral Pathology				Adv. Rem. Prosth.	Adv. Fixed Prosth.	CLINICAL PRACTICE; 3:00-5:30, 6:30-8:30 P.M.
T		CLINICAL PRACTICE					CLINICAL PRACTICE		
W									
Th									
F	Facial Pain								

TENTH QUARTER

	8	9	10	11	12	1	2	3	4
M	Adv. Orol & Moxfac. Surgery	Fund. of Dental Practice	Diff. Diagnosis of Oral Diseases				Adv. Endodontics	Adv. Remov. Prosth.	CLINICAL PRACTICE 3:00-5:30, 6:30-8:30 P.M.
T		CLINICAL PRACTICE					CLINICAL PRACTICE		
W									
Th									
F									

* Quarters 5-8: all students attend class 8-9 A.M. and 1-2 P.M.; one-half attend class 9-12 noon and clinic 2-5 P.M.; other one-half attend clinic 9-12 and class 2-5 P.M.

THIRD QUARTER

	8	9	10	11	12	1	2	3	4	5
M	Introduction to Comprehensive Patient Care					Biochem.	Organol. & Oral Hist.			
T	Waxing to Occlusion			Biochem.		Organology and Oral Histology				
W	Preclinical Fixed Prosthodontics					Preclinical Fixed Prosthodontics				
Th	Organ. & Oml Hist.	Preclinical Operative Dentistry				Biochem.	Predin. Operative Dentistry			
F	Dental Radiology	Intra to Comp. Core	Organ. & Oral Hist.	Elim. of Pain		Biochem.	Laboratory Study			

FOURTH QUARTER

	8	9	10	11	12	1	2	3	4	5
M	Physiol.	Orientation to Comprehensive Patient Core Clinic				BLOCK ASSIGNMENTS: Dental Radiographic Technique 20 hrs. Preclinical Endodontics 40 hrs. Introduction to Clinic 40 hrs. Preclinical Oral Diagnosis & Treatment Planning 20 hrs. Preclin. O & MF Surgery 16 hrs. Preclinical Orthodontics 20 hrs. Preclinical Pediatric Dentistry 20 hrs. Preclinical Periodontics 20 hrs.				
T	Dental Radiol.	Preclinical Fixed Prosthodontics								
W	Preclinical Fixed Prosthodontics									
Th	Physiol.	Biochem.	Endodontics	Perio. Diseases						
F	Physiol.	Human Gr. Dev.	Biochem.	Elimin. of Pain						

SEVENTH QUARTER*

	8	9	10	11	12	1	2	3	4	5
M	Fixed Prosth.	Pathology Self Study	Pathology Conf.			Periodontics	<div>CLINICAL PRACTICE</div>			
T	Orthodontics	Pharmacology		Path. Self Study		P'col.				
W	Pediatric Dentistry	Pathology Self Study	Pathology Conf.			Basic Mgt. Science				
Th	Occlusion	Occlusion Laboratory				Occlusion				
F	Preclinical Rem. Pros.	Preclinical Removable Prosthodontics Lab.: Immediate Dentures				Oral & Maxfac. Surgery				

EIGHTH QUARTER*

	8	9	10	11	12	1	2	3	4	5
M	Periodontics			Oral Path. Self Study		P'col.	<div>CLINICAL PRACTICE</div>			
T	Orthodontics	Oral Radiographic Interp. Seminar		Oral Path. Self Study		Rem. Prosthod.				
W	P'col.	Pharmacology		Oral Path. Self Study		Clin. Applied Anatomy				
Th	Endo-dontics	Oral Pathology Self Study				P'col.				
F	Preclinical Rem. Pros.	Preclinical Removable Prosthodontics Lab. Partial Dentures				Oral & Maxfac. Surgery				

ELEVENTH QUARTER**

ELEVENTH QUARTER											
	8	9	10	11	12	1	2	3	4	5	
M	Adv. Oral & Maxfac. Surgery	Juris-prudence	Fundamentals of Dental Practice				CLINICAL PRACTICE; 1:00 - 4:30, 5:30-8:30				
T		CLINICAL PRACTICE					CLINICAL PRACTICE				
W											
Th											
F											

TWELFTH QUARTER

	8	9	10	11	12	1	2	3	4	5
M	Preparation for State Licensure						CLINICAL PRACTICE; 1-4:30, 5:30-8:30 P.M.			
T		<div>CLINICAL PRACTICE</div>					<div>CLINICAL PRACTICE</div>			
W										
Th										
F										

**Clinical Occlusion: self-instruction course

* Quarters 5-8: all students attend class 8-9 A.M. and 1-2 P.M.; one-half attend class 9-12 noon and clinic 2-5 P.M.; other one-half attend clinic 9-12 and class 2-5 P.M.

ADMISSION REQUIREMENTS AND APPLICATION PROCEDURES

There are three basic requirements for admission to the course of study leading to the degree of Doctor of Dental Surgery: completion of required predental education, completion of the Dental Admission Test (DAT), and appearance at the School for a personal interview.

Predental Education

Predental education must be completed at a college or university from which subject matter is accepted for credit toward advanced standing at the University of the Pacific or universities with equal standing. At least three years of collegiate work, including 135 quarter or 90 semester credits is recommended, and one of those years must have been completed at a four year baccalaureate degree granting institution. Predental education must include credit in the following subject matter:

	Semester Units	Quarter Units
English Composition	6	9
Other English substituted for Composition	(3)	(4)
With laboratory required:		
Biology or Zoology	8	12
General Physics	8	12
Inorganic Chemistry	8	12
Organic Chemistry	5	8

Preference is given to applicants who will have attained the baccalaureate degree prior to matriculation. For those with B.S. degrees, a minor in English, philosophy, political science or humanities is recommended. Electives should be chosen from courses that extend content of required subjects such as histology, biochemistry, physiology, embryology and biophysics. Pass/Fail grades in required subjects are unacceptable. A maximum of three P/F units per semester will be accepted. First consideration is given to those with an overall GPA of 2.8 or above and DAT average scores above 16. Those who are offered the opportunity to enroll must submit evidence that they have completed the planned coursework prior to matriculation.

An Honors Program

An Honors Program on the University's Stockton campus provides predental education in two academic years for qualified students. Entrance requirements at the freshman level are a combined SAT score of 1,200, a 3.5 grade point average based on a substantial high school mathematics and science program, and acceptable scores on the UOP competency examinations in writing and quantitative skills, administered upon entering the University. Acceptance into the Honors Program is limited each year to ten students. All students registered in the program are monitored closely and are counseled by predental faculty on the Stockton campus as well as dental faculty from the San Francisco campus. The Honors Program and requirements for early acceptance to the School of Dentistry are described more fully in a brochure available from the Office of Admissions, University of the Pacific, Stockton, CA 95211, or the Admissions Office, School of Dentistry.

The Dental Admission Test

The DAT is administered in April and October each year at approximately 100 centers nationwide and applicants to the University of the Pacific need to take the test by October prior to the year in which admission is requested. Information about the test and applications is available from the Dental Admission Testing Program, American Dental Association, 21 East Chicago Avenue, Chicago, IL 60611. Applicants are encouraged to take the test earlier than October in the event they might wish to repeat the examination since the highest score achieved in each category is used in the final evaluation of each candidate.

Application

The University of the Pacific School of Dentistry participates in the American Association of Dental Schools Application Service (AADSAS). AADSAS is an information clearinghouse which will transmit to a dental school the biographical and academic data required by admissions committees, thereby relieving the applicant of the burden of completing multiple and repetitious individual applications. To apply to the School mail a postcard to AADSAS, P.O. Box 4000, Iowa City, Iowa 52240 and request application materials. To initiate the application process, return the completed application form with copies of transcripts from each college/university attended and a check or money order for the AADSAS processing fee to AADSAS. Completed application materials must be received by AADSAS no later than

December 15 prior to the year in which admission is requested. A fee of \$35 is required by the School before processing of an application is initiated.

Personal Interview

A personal interview is required of applicants who appear to possess the necessary academic and scholastic requirements. Applicants selected for interview are notified by letter of available dates on which one or more members of the Admissions Committee can meet with them at the School to assess their interest in dentistry, future plans and personal qualities needed for successful work with dental patients. During interview visits, applicants receive information about the curriculum, talk with dental students and faculty, and explore the School's excellent facilities.

Affirmative Action and Nondiscrimination

Established review procedures insure applicants an equal opportunity to be considered for admission. The Admissions Committee has a firm policy of not discriminating against any applicant because of age, creed, handicap, national or ethnic origin, marital status, race, color or gender. The School has an affirmative action program with regard to admission of qualified ethnic minorities, females and members of underrepresented groups.

Admission with Advanced Standing

Transfer from another United States dental school may be accomplished but only under unusual and compelling circumstances such as financial or personal reasons that would prevent the student from continuing his or her dental education unless the move is made. No student will be admitted to advanced standing beyond the second year. Incompatibility of dental education programs, differences in philosophy and variance in educational costs all or singularly may inhibit transition from another school to the University of the Pacific program. Information regarding eligibility and application procedures may be requested from the Office of Academic Affairs, School of Dentistry.

Health and Health Insurance

Prior to matriculation, health requirements must be met and documentation submitted to the Admissions Office, as follows:

- 1. Medical Examination.** Submit a letter from a physician confirming that a medical examination was completed within one year of the date of matriculation and that the applicant was in good health at that time.
- 2. Measles and Rubella (German Measles).** Provide documentation of possession of positive titres OR live attenuated measles and rubella vaccinations. History of measles and/or rubella as childhood diseases is not sufficient.
- 3. Tuberculosis.** Submit the report of a tuberculin skin test (PPD intermediate strength). With a history of tuberculosis OR a positive tuberculin skin test, submit the physician's report of a chest X-ray taken within the year prior to matriculation. Chest X-rays may be required at intervals, and suppressive medication may be recommended.

Hepatitis B. Every dental student is required to submit documented proof of possessing antibodies to the Hepatitis B virus or to complete the Hepatitis B vaccination series. If a student does not have documented proof of having antibodies to this virus, the vaccination series is available at the School for a nominal fee.

Health Insurance. At matriculation, the student is required to complete an "Insurance Declaration Form." Health insurance coverage is highly recommended during the dental educational program. If coverage has not been obtained by matriculation, the Office of Student Affairs will provide information about sources of health insurance. The student is expected to obtain coverage immediately.

Inquiries about health requirements and supporting documentation are handled through the Office of Student Affairs.

TUITION AND FEES

The University of the Pacific is a private institution with tuition and fees providing about two-thirds of revenue necessary for the doctoral program. Although gifts from parents, alumni and regents, income from endowments, funds from private agencies, and other educational revenue help meet program costs, inflation may require annual increases in tuition and fees to provide necessary program revenue.

Projected Tuition

Tuition estimates for first year students enrolled beginning July, 1989 are as follows:

D.D.S. degree program:

First year	\$27,894
Second year	29,200
Third year	30,500

International Dental Studies D.D.S. degree program:

First year	\$27,894
Second year	29,200

Graduate Orthodontic M.S.D. degree program:

Two years	\$37,950
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Upon notification of acceptance, applicants are required to submit a nonrefundable \$1,000 enrollment fee (\$500 for the graduate orthodontic program) as directed in the acceptance letter. The fee will be applied to first quarter tuition upon matriculation to the University of the Pacific.

First quarter tuition is due and payable 60 days before the day of matriculation. Subsequent payment of tuition is due by the first day of each quarter and is prerequisite for registration and continued enrollment.

Payment of Bills

Registration, when accepted by the University of the Pacific, constitutes a financial agreement between the student and the School. Tuition and fees of all students are due and payable on the due dates specified. A student who fails to make payment as required, will be ineligible to attend classes or use housing facilities. Late fees will be assessed. The student's account with the University must be paid in full before the diploma or academic transcript is issued.

Tuition and fees are payable at the time of registration. If a student withdraws or is dismissed during the quarter, all outstanding obligations become due and are payable on the termination date.

Tuition Refund

Withdrawal. Upon written notice of withdrawal by an applicant, tuition credit shall be allocated as follows:

Prior to matriculation: full credit less the enrollment fee.

After matriculation: credit prorated according to calendar days after reduction by the enrollment fee (see below). After first day of class, Second through final Quarters: credit prorated according to calendar days as follows:

1st through 7th day	80 % credit
8th through 14th day	60 %
15th through 25th day	40 %
26th through 35th day	20 %
after 35th day	no refund

Dismissal. Upon dismissal, tuition credit is allocated according to the refund schedule above. When a dismissed student is readmitted full tuition must be paid for each quarter repeated, or port thereof.

Extended Program

A student who must extend professional preparation beyond the regularly scheduled program is required to pay quarterly tuition and fees at the same rate and terms as all others enrolled in the program. Upon date of notification by the Dean that performance meets graduation standards, a student so classified will receive tuition credit on the basis of ten percent for each full week of instruction remaining.

Fees

The Enrollment Fee described under Tuition, is nonrefundable. The list of fees and expenses below should not be considered complete for all students, and includes anticipated costs for outside agencies listed as "Special Fees" e.g. the California State Board Dental Examination. Fees listed below are estimated for the D.D.S. degree program. Fees for the International Dental Studies and the Graduate Orthodontics Programs are available from the Division of International Dental Studies and the Orthodontics Department, respectively.

D.D.S. Program Fees, 1989 (partial listing)	First Year	Second Year	Third Year
Application	\$35		
Instrument management	325	\$325	\$325
Student Doctoral Kit *	8,100	1,300	200
First Year Laboratory	70		
First Year Gold	700		
Skull rental	10		
I.D. photograph	5		
Microscope rental		30	
Commencement			150
Student Body **	80	80	80
Special Fees, 1989 (partial)	First Year	Second Year	Third Year
A.S.D.A. membership **	25	25	25
California Dental Assn. membership**	5	5	5
Dental National Board Examination		70	95
California Dental Board Exam.			283
TOTAL	\$9,355	\$1,835	\$1,163

***Student Doctoral Kit** includes textbooks, instruments and supplies that are acquired by the School according to accepted lists submitted by the Store Committee. These materials are issued in a Kit during matriculation day to all registered students. Instruments and supplies should not be pre-purchased. **Release from Kit purchases will not be granted. Allowance should be made for additional supplies** and instruments that will be required during the educational program.

Store refund policy: full refund is allowed for unused "new condition" merchandise returned within five (5) school days of the date of purchase and within University policy.

****Student Body, Class, A.S.D.A. and C.D.A. membership fees** vary each year according to decisions of the student body and respective classes.

Student Accounts

Student charge accounts are provided as a convenience for payment of fees and Student Store charges. This privilege may be restricted due to delinquency of payment or any other cause.

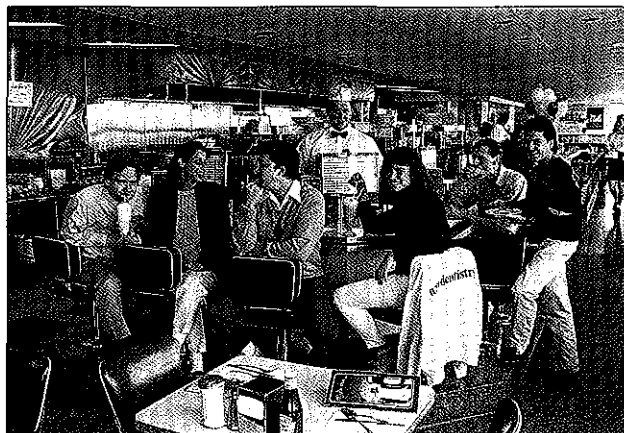
Student accounts are billed on a monthly basis and are due and payable prior to the next billing date to avoid late charges for past due balances. A late fee of 1.5 percent is added to all past due balances. Continued delinquency may result in suspension from class and may jeopardize continued enrollment.

Patient Accounts

The student is responsible for financial management of assigned comprehensive care patients. This includes charging correct fees for procedures authorized, and collection and payment of all assigned comprehensive care patient accounts.

Disclaimer

All claims against the School or University for loss or damage arising from acts, omissions, or contingencies beyond the control of the University and its employees are hereby expressly waived. The waiver includes loss by fire, theft or natural catastrophe of any materials belonging to a member of the student body, whether such loss occurs on or off the School premises. Students agree to these conditions when they register.



INTERNATIONAL DENTAL STUDIES PROGRAM

Through the Division of International Dental Studies, the opportunity to earn the Doctor of Dental Surgery degree is available to qualified graduates of foreign dental programs. This 24 month, eight quarter program provides practical and comprehensive training in dental techniques as practiced in the United States. The Program is described more fully in a separate brochure available from the Program Coordinator, International Dental Studies Program, School of Dentistry, University of the Pacific, 2155 Webster Street, San Francisco, CA, 94115-2399, U.S.A.

Curriculum

The International Dental Studies (IDS) curriculum includes preclinical and clinical instruction in dental subjects in the School's traditional D.D.S. program, as well as instruction in Pharmacology, Oral Pathology, Differential Diagnosis of Oral Diseases, Facial Pain, Care of Disabled, Hospital Dentistry, and Preparation for State Licensure, and the behavioral sciences including Basic Management Science, Introduction to Geriatric Dentistry, Fundamentals of Dental Practice, and Jurisprudence. IDS students begin clinical patient care in the third quarter and spend the greater portion of their second year in clinical practice.

Tuition and Fees

Tuition and other financial matters and policies are described elsewhere in this Catalog under "Tuition and Fees." Entering students receive a list of fees and expenses applicable to the IDS curriculum prior to matriculation.



Admission Requirements and Application Procedures

Complete admission requirements and application procedures are described in the separate brochure available from the Coordinator, International Dental Studies Program.

Basic prerequisites for admission are:

1) possession of a dental degree from an accredited foreign dental school, 2) completion of PART I of the Dental National Board Examination with a score of 75 or higher in each Section, and 3) for non-native English speaking persons: submission of an acceptable score on the Test of English as a Foreign Language (TOEFL).

Applicants who meet preliminary requirements are required to sit for the technical examination administered by appointment at the School's San Francisco campus. The IDS Program Admissions Committee considers the following factors in selecting applicants for admission: dental school achievement, National Board Dental Examination scores, English language proficiency, performance on the technical examination, professional experience, and advanced degrees.

Academic Progress, Graduation Requirements

Administrative regulations and general and academic policies of the University of the Pacific School of Dentistry as outlined in this Catalog apply to the International Dental Studies Program.

GRADUATE ORTHODONTIC PROGRAM

The advanced orthodontic education program was instituted in 1971. Classes begin each July for the 24 month graduate program in Orthodontics which is fully accredited by the Commission on Dental Accreditation. Instruction prepares the student to provide excellent treatment based on contemporary biologic orthodontic principles and is recognized for educational eligibility by the American Board of Orthodontics.

Curriculum

Courses of instruction include Principles of Orthodontics, Cephalometrics, Biomechanics, Craniofacial Biology, Research Methodology, Appliance Laboratory, Psychiatry/Pediatrics, Statistics, Anatomy, Oral Pathology, Research Design, Oral Physiology, Cleft Lip and Palate, Comparative Appliances, Occlusion and Gnathology, Orthognathic Surgery, Practice Management, and Periodontic/Orthodontic Care. Faculty foster the collegial atmosphere with informal professional relationships and mutual respect among students and faculty.

Clinical instruction and practice are conducted in the School's Orthodontic Clinic in seven one-half day clinics per week including three general orthodontic, two mixed dentition, one adult care, and one surgical orthodontic clinic. Adult patients constitute about one-fourth of a student's case load. Each student receives five new patients and eight to twelve transfer patients in each of the clinics. Students are rotated to the Facial Pain Research Clinic. Fixed appliance treatment employs the edgewise technique although instruction permits a wide latitude of clinical variation based on patient needs. Experience in treating the entire range of orthodontic problems is provided.

Each student engages in an investigative project and completes an acceptable thesis to qualify for the Master of Science in Dentistry degree.

Students are scheduled for didactic and clinical instruction five full days per week, thus full participation is required. While there is no prohibition of weekend private dental practice, students' commitments during the first twelve months of the program seriously limit this opportunity.

Academic Progress

Academic progress is reviewed quarterly and records are maintained by the Department. Attendance and grading policies for this program and access to the Student Appeals Committee are the same for graduate as for predoctoral students and are outlined elsewhere in this Catalog under "Academic and Administrative Policies."

Graduation / Certification Requirements

The candidate for graduation and certification must demonstrate the following: competence in the full range of contemporary orthodontic practice; completion of all technical and clinical requirements prescribed in the Graduate Orthodontic Curriculum; achievement of passing grades in all required courses with a minimum grade point average (GPA) of 2.0 in didactic and clinical courses; design, completion and presentation of an original research project in Orthodontics and a dissertation acceptable at the graduate level in the opinion of the Graduate Orthodontic Research Committee; achievement of a passing grade on a comprehensive oral examination; return of all University property, and discharge of all financial obligations to the community and the School. If in the opinion of the Graduate Orthodontic Student Academic Performance Committee the candidate has met all requirements, the Committee is authorized to recommend conferral of the Certificate in Orthodontics and the degree of Master of Science in Dentistry. The Committee may also recommend delay in an individual's graduation date. Approval of Committee recommendations by the Dean is required.

Tuition and Fees

Tuition and other financial matters and policies are described elsewhere in this Catalog under "Tuition and Fees." Required instruments may be obtained directly from suppliers at an educational discount, and textbooks purchased through the School's Student Store. Most assigned reading can be accomplished in the Health Sciences Library or the Department's Current Periodicals file.

Student Financial Aid

Scholarships currently are unavailable for graduate students but loans are available in some circumstances. Complete information regarding loans is available from the Director of Student Financial Aid in the Office of Student Affairs.

Admission Requirements and Application Procedures

Factors considered by the Graduate Orthodontic Program Admissions Committee include: possession of the doctoral degree in dentistry, predental and dental school academic achievement, dental class standing, Graduate Record Examination (GRE) score, practice, teaching and research experience, possession of advanced academic degree(s), Dental National Board Examination scores, and letters of recommendation.

The Graduate Orthodontics Admissions Committee has a firm policy of not discriminating against any applicant because of age, creed, handicaps, national or ethnic origin, marital status, race, color or gender. The School has an affirmative action program with regard to admission of qualified ethnic minorities, females and members of underrepresented groups. Students have been selected from many dental schools in this country and abroad, with various clinical practice experiences.

Application forms can be obtained from: Department of Orthodontics, University of the Pacific School of Dentistry, 2155 Webster Street, San Francisco, CA 94115. The completed application, predental and dental transcripts, GRE results and all supporting documents must be received by the Graduate Orthodontic Program Admissions Committee before October 1 prior to the year in which admission is requested.

Awards

Each year the graduate Orthodontic student who has prepared the outstanding research thesis receives the Orthodontic Alumni Association Award. The student who has demonstrated outstanding leadership qualities is selected by classmates to receive the Frederick T. West Student Leadership Award.

Rather than publish in this catalog a complete and detailed code of the laws, rules and regulations that the institution is required to follow, the University declares its intention to uphold all federal, state, and municipal laws applicable and expects all students to maintain accepted standards of good citizenship. At the time of admission each student agrees to follow such standards. Accordingly, any conduct not commensurate with responsible and/or lawful behavior may be considered cause for the University to take appropriate administrative, disciplinary or legal action. In addition, the University acknowledges and actively upholds the adult status of each student with all rights pertaining thereto and, in accordance with that status, considers each student responsible for his/her own actions. Basic regulations for conduct and dress are published annually by the Student Appeals Committee and distributed to all new students. Statements pertaining to or clarification of student rights can be obtained through the Chairperson of the Student Appeals Committee.

Notice of Nondiscrimination

The University of the Pacific School of Dentistry admits qualified students regardless of sex, color, religion, handicap, or national and ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the School. It does not discriminate on the basis of sex, race, color, religion, handicap or national and ethnic origin in the administration of its educational programs, admissions, scholarships and loans, athletics, or other School activities.

The Student Appeals Committee

The Student Appeals Committee is a Faculty-Administrative Committee comprised of a Chairperson appointed by the Dean, three elected faculty members and three elected students, one from each class. In addition, four elected faculty members and the Vice President of each class may serve as alternates during Committee review of an appeal or complaint that may involve elected member(s) or when an elected member(s) is/are unable to be present. Committee functions are described on page 29. Recommendations of the Committee are submitted to the Dean for appropriate action, but are not submitted for further review by a Faculty Committee at the School. Review by the Student Appeals Committee shall not be regarded as forfeiting a petitioner's right to further recourse to University channels in the event that decisions derived from the review are rejected. Privileged information related to petitions, petitioners and

all deliberations and recommendations of the Committee are to be treated as confidential and will remain "in Committee" except as reported through appropriate channels.

Alcoholic Beverages

California State law stipulates that only persons twenty-one years of age or older may possess and consume alcoholic beverages. University policy, therefore, permits students of legal drinking age to consume and possess alcoholic beverages on University premises so long as it is (a) restricted to the privacy of their own living space as determined by contract or (b) at a duly registered event which permits the serving of alcoholic beverages. University students, regardless of age, are prohibited from possessing and consuming alcoholic beverages in any public University area including grounds. Sale and distribution of alcoholic beverages by anyone on University premises for money, token in lieu of money, or any other device which in fact constitutes sale is not permitted. Off campus use of alcoholic beverages by individuals, groups, or University organizations renders the individual or individuals involved responsible under local and state laws. Finally, any drunk and disorderly behavior is expressly prohibited.

Drugs

The sale or distribution on or off University premises of drugs or other similar substances designated as illegal by state or federal law and the use of such drugs on University property is prohibited and may be considered sufficient cause for dismissal.

Dangerous Weapons

Possession of firearms of all descriptions and of any instruments that can be construed as dangerous weapons is not permitted on University premises. Brandishment or use of such weapons on University premises shall be considered sufficient cause for immediate suspension pending on investigation. Residential students must arrange for off campus storage of firearms intended for hunting or target practice purposes.

Academic Standards for Holding Student Office

In order to hold either elected or appointed office in the Associated Students of the School of Dentistry, University of the Pacific, a student must be registered for a full time course of study each term during which office is held and must successfully complete these courses in order to continue in the position. A student may not be on either academic or disciplinary probation during the period of time in which he/she holds office. Exceptions to these standards may be considered by the Student Appeals Committee.



ACADEMIC AND ADMINISTRATIVE POLICIES

The University reserves the right to change academic programs, policies and standards at any time without prior notice.

Registration

Registration in the School of Dentistry includes payment of tuition and fees, completion of registration data forms, submission of all required application materials including one official transcript of academic record from each college or university attended through the last completed quarter, semester or summer session, and submission of required medical examination and clearance forms. All students will receive registration instructions and information by mail.

Records & Transcripts

An academic record for each student is maintained in the Office of the Associate Dean for Academic Affairs. This official record is used in the conduct of the student's personal and academic affairs and it is considered to be both private and confidential. In accordance with the Family Educational Rights and Privacy Act of 1974, the School of Dentistry has established procedures to ensure that students have access to their records, that those records are accurate, and that the privacy rights of the students are protected. Copies of these procedures are available upon request from the Office of Academic Affairs.

Directory information may be released by the School of Dentistry unless a student requests in writing that this information be kept confidential. Directory information includes a student's name, address, telephone number, date and place of birth, dates of attendance, degrees, honors and scholarships received, class schedules, participation in officially recognized activities, and previous schools attended. If a student wishes to have such information kept confidential the student must file a written request with the Registrar prior to the second week of the First Quarter.

Upon written request by the student, an official transcript of the academic record is issued to whomever is designated provided that all of the student's financial obligations to the University are in order. Official transcripts of credit earned at other institutions which have been presented for admission or evaluation of credit become the property of the University and are not reissued or copied for distribution to other institutions.

Attendance

Students in the School of Dentistry assume professional obligations which include regular attendance. Specific attendance policies are determined by individual course directors who will provide students with a written statement of such policies at the beginning of the course if policies differ from the above. At the request of a student, his/her course directors will be notified of absences due to illness, University related activities, or other conditions beyond the control of the student. The student is expected to contact the Office of the Associate Dean for Academic Affairs promptly in the case of absence so that proper notification can be given to course directors.

If a student has extensive educational preparation in a discipline, the student may petition the appropriate course director for exemption from required coursework. Such exemption may be granted at the discretion of the course director who will award an appropriate final letter grade (A, B, C, D) signifying completion of the required course.

Academic Progress

Student Academic Performance and Promotions Committees review student overall academic performance each quarter following examinations. In a course that continues through two or more quarters, a grade is awarded each quarter to indicate interim progress, and the final grade for the entire course is awarded at completion of the terminal quarter of the course. However, the Student Academic Performance and Promotions Committee will regard an interim grade at the end of an academic year in the same manner as a final grade with respect to promotion.

Grades

Grades as reported represent passing performance or failing performance. Grades of A, B, C, and D represent passing performance, and the grade of F represents failure. Grades of A, excellent; B, good; and C, acceptable, represent unconditional passing performance; the grade D indicates conditional passing performance. Conditions when the grade D is awarded are that the student must be certified as prepared for advancement to clinical practice and/or eligible for board examinations. When the grade D is awarded, the course director must notify the Student Academic Performance and Promotions Committee in writing as to whether or not the student must receive additional instruction and/or reexamination before advancement to clinical practice of affected disciplines or before being certified as eligible for board examinations.

Credit

Credit (CR) may be awarded in clinical courses to indicate that the student has not been assigned sufficient patients for clinical ability to be assessed in a particular area. In nonclinical courses, CR signifies credit for satisfactory completion of an ungraded course.

The Symbol INC

The symbol INC (Incomplete) may be given temporarily when a student is progressing satisfactorily but the course director has insufficient information to award a letter grade because the student has not completed all assigned coursework. When the INC is given the course director must indicate in writing to the Student Academic Performance and Promotions Committee the conditions under which the student may remove the deficiency and the date by which the student may accomplish the work. The Student Academic Performance and Promotions Committee will determine conditions under which and the date by which the deficiency that caused the INC must be removed by the student. Failure to comply with stated conditions by the predetermined date will result in the INC reverting to the grade F, failure. When an INC is given for the terminal quarter of a course, the student must remove the deficiency that caused the INC within the quarter immediately following or the INC will revert to the grade of F, failure.

Grade Point Average

In computing a grade point average (GPA) numerical values are: A, 4 points; B, 3 points; C, 2 points; D or INC, one point; and F, zero points. Credit (CR) notations do not affect the grade point average.

Change of Grades

Final passing grades (A, B, C, D) as reported are not subject to change on the basis of second examination or additional work completed after grades are reported, but passing grades may be changed during the quarter following award of the final grade to correct an error in computation or in transcribing a report or where some part of a student's work has been overlooked. A failing grade of F may be changed only on the basis of reexamination or repeat of the course. Reexamination is not obligatory but is at the discretion of the course director. On reexamination D is the highest grade that can be reported; on repeat of the course the final grade will be reported. When a final grade is awarded to substitute for the INC or for the failing grade of F, this will be indicated on the student transcript by appropriate symbol denoting the change.



Academic Good Standing

Academic good standing demands achievement of a passing grade in all required courses and a GPA of 2.00 or better in didactic courses and a GPA of 2.00 or better in laboratory/clinical courses.

Academic Warning

Academic Warning status is accorded a student upon receipt of (a) cumulative didactic or laboratory/clinic GPA of below 2.00 OR (b) an Incomplete at termination of a course OR (c) a conditional passing grade of D which requires the student to do additional work to become eligible to begin clinical practice in a discipline or to be eligible in the discipline for board examinations. The Student Academic Performance and Promotions Committee automatically will notify the student of "Academic Warning" that performance does not meet published standards and that performance must be improved.

Academic Probation

Receipt of a failing grade of F or a second consecutive quarter in which either the didactic or laboratory/clinic GPA is below 2.00 automatically will result in a notice from the Committee that the student has been placed on "Academic Probation." The Committee's notice will clearly define conditions that the student must meet to correct the probationary status.

Academic Disqualification

Academic dismissal will be recommended to the Dean by the Committee if a student's performance meets any of the following conditions during a given academic year:

1. Failure to meet conditions specified to correct the academic probationary status.
2. A cumulative GPA below 1.5 in all courses attempted.
3. Permanent failing (F) grades in courses in two or more disciplines.
4. Permanent conditional passing (D) grades or failing (F) grades in four or more different disciplines.
5. Permanent conditional passing (D) grades or failing (F) grades in twenty (20) or more units.

If in the judgement of the Committee, it appears that extenuating circumstances caused poor academic performance, it may recommend that the student continue on academic probation, or it may recommend that the student be allowed to repeat the academic year.

Promotion

Students who are in academic good standing automatically are recommended for promotion by the Student Academic Performance and Promotions Committee to the Dean.

The Committee may recommend that a student who is not in academic good standing be promoted on academic probation with conditions of the probation clearly outlined, dismissed with the option of repeating the year subject to approval of the Dean and dependent upon availability of a position in the class to be repeated, or dismissed without option of repeating the year. When the Student Academic Performance and Promotions Committee considers recommending dismissal, repeat or promotion on academic probation, the student is offered an opportunity to appear before the Committee for the purpose of insuring that all pertinent information has been considered before such a recommendation is forwarded to the Dean. The Student Appeals Committee is responsible for review of student initiated petitions to appeal recommendations or actions with regard to grading, evaluation and promotions.



Repeat

When a student repeats an academic year, a grade must be awarded for completion of each course in that year. If a student is exempted from repeating a course for which a passing grade previously has been assigned, the course director will determine the grade to be assigned for the repeat year and the method by which such grade will be determined. It is the student's responsibility to contact the course director prior to the first class to petition for exemption from a course.

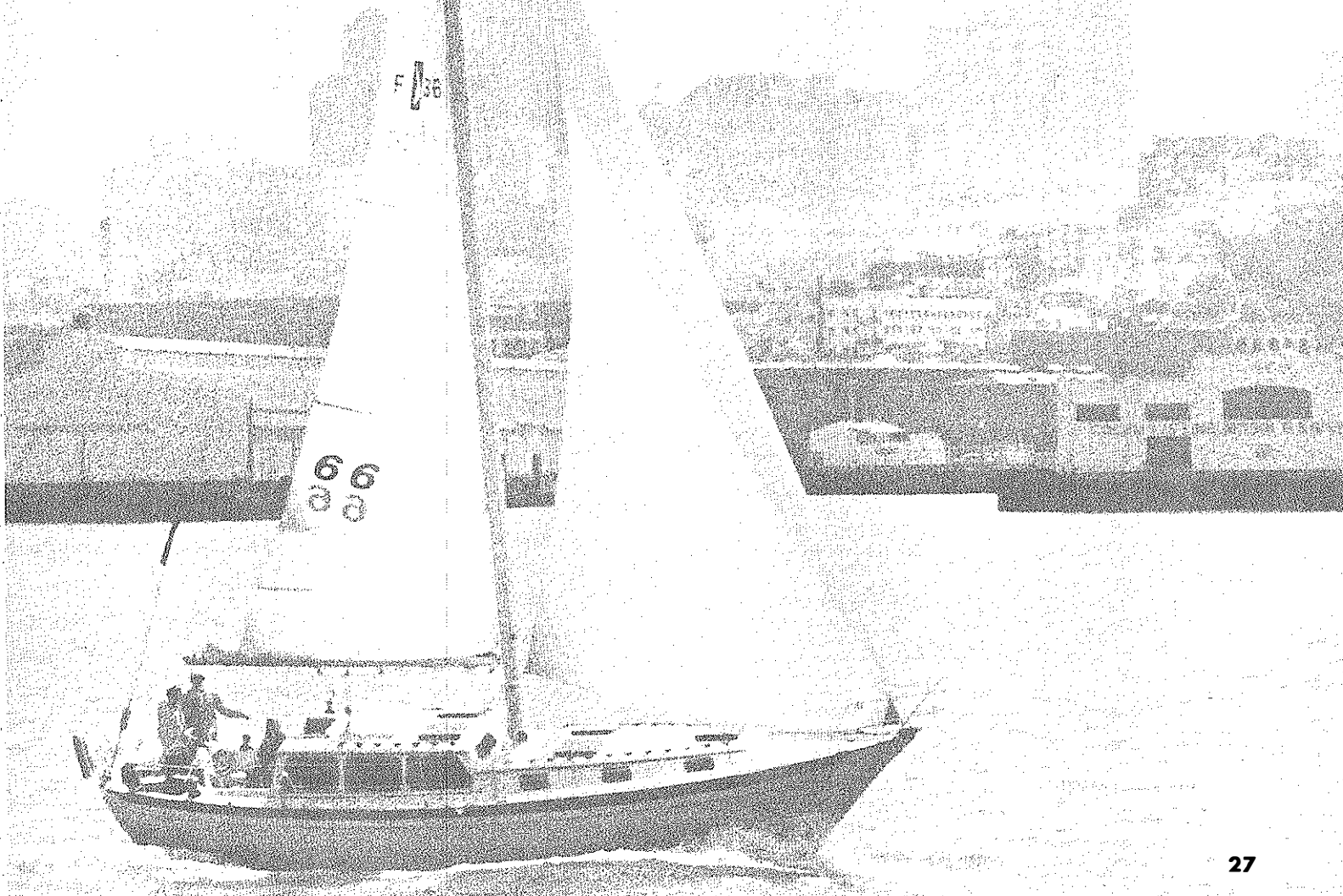
Withdrawal

A student who wishes to withdraw from school must request permission from the Dean. Any student who withdraws without first requesting permission will automatically be dismissed. A short leave of absence may be granted by the Dean after consultation with the appropriate Student Academic Performance and Promotions Committee.

Graduation Requirements

The candidate for graduation must demonstrate competence to discharge the duties required of a practitioner of dentistry. This is interpreted to mean: evidence of moral character compatible with the public interest and with the practice of the healing arts, discharge of all financial obligations to the community and the School, completion of all technical and clinical requirements prescribed in the curriculum, satisfactory completion of all examinations, and conformance with policies of the School of Dentistry.

If, in the opinion of the Student Academic Performance and Promotions Committee the candidate for the Doctor of Dental Surgery degree has met all requirements, it is authorized to recommend graduation and conferral of the degree. It may also recommend delay in the individual's graduation date. Approval of Committee recommendations by the Dean is required.



STANDING COMMITTEES

In keeping with University philosophy, the School of Dentistry incorporates expertise and perspectives of students, faculty and administrators in the decision making process through use of the Committee system. Committees are designated according to areas of concern and authority/responsibility as "Faculty," "Administrative" or "Joint Faculty-Administrative" committees. Standing committees are described briefly below.

Faculty Committees

The Faculty has primary responsibility for recommending policy in the following areas: curriculum, subject matter and methods of instruction, research, faculty status and those aspects of student life which are related to the educational process. Final review and decision rest with the Dean, President and Board of Regents.

Dental Faculty Council

The Dental Faculty Council, elected from the entire faculty by secret ballot of the faculty, serves as the representative voice of the School of Dentistry Faculty on matters of faculty primacy. This Council determines functions and appoints members of Faculty Committees, recommends faculty members for appointment to Administrative and Joint Committees, conducts open meetings on policy recommendations, and receives and considers minutes and reports of faculty committees. Policy recommendations are transmitted to the appropriate administrative channel including the Dean, Associate Deans, and the University of the Pacific Academic Council (Stockton campus).

The Council also handles faculty grievance petitions by appointing an ad Hoc committee at the time a grievance is formally presented to the Council. Ad Hoc Faculty Grievance Committees consider faculty petitions concerning alleged abuse of administrative power, faculty grievance petitions against another faculty member, and/or faculty allegations of administrative violation or improper interpretation of the following Federal laws or regulations covering acts of discriminations: Equal Pay Act of 1963; Title VII of the Civil Rights Act of 1964 as amended; Age Discrimination in Employment Act of 1967; Section 504 of the Rehabilitation Act of 1973; Title IX of the Education Amendment of 1972; Executive Order 11245 and 11375. The ad Hoc Committee reviews the petition and reports findings and recommendations to the Dean or appropriate University official. Privileged information remains "in Committee" except as reported through appropriate channels.

Admissions Committees

The D.D.S. Program Admissions Committee formulates and recommends policies and procedures for admission to the School of Dentistry for first year students in this Program. The Committee establishes criteria, procedures and data used in appraising and selecting applicants for admission. The Committee evaluates qualifications of applicants and submits names of selected candidates for admission to the Dean. Privileged information related to applicants, admission guidelines and procedures, interviews, acceptance or refusals and related matters are confidential and remain "in Committee" except as reported through appropriate channels.

The International Dental Studies Program Admissions Committee formulates and recommends policies and procedures for admissions of first year students to this Program. The Committee develops, administers and evaluates results of the technical examination required of all applicants to this program. Subsequent to review and appraisal of completed applications, this Committee submits names of selected candidates for admission to the Dean. Privileged information related to applicants, admission guidelines and procedures, interviews, acceptance or refusals and related matters are confidential and remain "in Committee" except as reported through appropriate channels.

Curriculum Committee

This Committee designs, periodically reviews and revises the curriculum; advises the administration regarding the calendar and academic year; advises the Associate Dean for Academic Affairs regarding coordination of interdepartmental collaboration at all levels of instruction; and designates and appoints subcommittees to plan and recommend execution of changes in various subunits of the curriculum.

Joint UOP/PPMC Library Committee

A subcommittee of the Executive Library Committee of the UOP/PPMC Health Sciences Library, this Committee is responsible for the general development and use of the Library, recommending policies and procedures by which the Library operates, and recommending books, journals and other materials to be procured within limits of available resources.

Research Committee

The Research Committee establishes and supervises standards in the development and administration of the School's research program; advises and counsels members of the staff interested in or involved in research; and reviews grant applications and reports submitted to the Committee for scientific merit, applicability and timeliness.

Student Academic Performance & Promotions Committees

Student Academic Performance and Promotions Committees for each class in the School, evaluate records of student academic performance and progress, recommend to the Dean appropriate candidates for promotion, dismissal, repeat or other appropriate action, and students who should receive special awards for academic excellence and consideration for honors; and work with the Curriculum Committee in planning, developing and recommending methods by which students' performance may best be evaluated. These committees insure enforcement of promotion guidelines as described in this Catalog under "Academic and Administrative Policies."

Joint Faculty-Administrative Committees

Joint committees consider areas of major importance to faculty and administration. Administrative officials hold ultimate authority but faculty members' and students' consultation and advice are of great importance.

Faculty Appointment, Promotion and Tenure Committee

The Faculty Appointment, Promotion and Tenure Committee insures uniformity in application of acceptable general academic standards to matters of faculty appointment and promotion. This Committee reviews professional and personal qualifications of all prospective faculty members, incumbent members proposed for promotion or tenure, and tenured faculty members at specific intervals according to University of Pacific criteria and procedures, and recommends administrative action to the Dean.

Faculty Compensation Committee

The Faculty Compensation Committee reviews policies, standards of employment, salary ranges and collateral and fringe benefits to faculty established by University and School administrative officers; and reports at least annually to the faculty on resources and distribution of funds. The Dean has ultimate authority and responsibility for distributing resources within purview of that office.

Faculty Enrichment Leave Committee

The Faculty Enrichment Leave Committee encourages personal and professional growth of faculty; reviews established policies for granting of faculty enrichment leaves, interprets policies and procedures for faculty, reviews leave applications and prepares a report regarding each application for action by the Dean. Enrichment leave is a privilege based on merit of proposals rather than a right based on longevity alone, and the number of leaves during a given year is governed by budgetary considerations.

Student Appeals Committee

The Student Appeals Committee reviews student initiated appeals for reconsideration of faculty action with regard to grading, evaluation and promotion; reviews and attempts to resolve all matters in which complaints are made by students against faculty members for unprofessional conduct; reviews, revises as necessary, and distributes copies of current Code of Ethics and Dress Code, and adjudicates alleged violations on an individual basis. In the event that decisions derived from review by this Committee are rejected, the petitioner may seek further recourse through University channels. (See also "General Policies" and "Academic and Administrative Policies" described elsewhere in this Catalog.

Administrative Committees

The Administration has primary responsibility for maintenance of existing institutional resources and the creation of new resources. The Dean plans, organizes, directs and represents the School of Dentistry with general support from the faculty, the President and the Board of Regents. The Dean initiates, innovates, and assures that School of Dentistry standards and procedures conform to policy established by the Board of Regents and to standards of sound academic practice. Administrative Committees are those in which administrative responsibility is primary and members appointed by the Dean serve in an advisory capacity.

Atkinson Museum Committee

The Atkinson Museum Committee develops and supervises the Spencer R. Atkinson Cranial and Osteological Collection including the comparative vertebrate anatomical collection; recommends policies and procedures for utilizing the collection and making it available to interested teachers and researchers; and arranges for cataloging and display to facilitate use of the collection.

Comprehensive Care Clinic Advisory Committee

The Comprehensive Care Clinic Advisory Committee reviews clinical operations with respect to patient procurement, assignment and management, records and referrals, student assignments and progress reports, clinical facilities and supplies, and faculty coverage.

Postgraduate Education Committee

This Committee reviews progress, scope and approach of the School's Postgraduate Education Program and represents faculty and practitioners' needs and wishes in recommending policies, procedures and priorities for Program operation.

Educational Development & Management Policy Committee

This Committee reviews progress of educational development, recommending changes in priorities or new directions where appropriate, and represents the full range of faculty educational needs and wishes to extend and improve communication within the School.

Safety Committee

The Safety Committee provides information, advice and recommendations for maintaining safe and healthful work practices within the School.

Store Committee

The Store Committee coordinates Store functions with academic and technical objectives of the School of Dentistry and acts as the Store's resource for evaluating teaching supplies requested by various departments.

First Year Student Advisors Committee

This Committee coordinates faculty and administrative efforts to resolve problems of general concern to first year students; provides friendly ears and sounding boards for students' general and individual concerns, assisting them in transition to professional education; and identifies resources for students in areas such as academic performance, learning, studying, physical or emotional health, family or personal difficulties, insurance coverage and finances.

Student Clinic Advisory Committee

The Student Clinic Advisory Committee represents student needs and wishes in recommending policies and procedures for clinic operation.

Student Financial Aid Committee

This Committee reviews and recommends policy regarding student financial aid at the School. A Subcommittee, the Student Financial Aid Appeals Committee, hears financial aid appeals at "Step Two" of the appeals procedure.

A. W. Ward Museum Committee

The A. W. Ward Museum Committee develops and supervises the direction and growth of the A. W. Ward collection and recommends policies and procedures for operation of the Museum.



SERVICES

Business

Business affairs of the School of Dentistry are directed by the Business Manager with responsibility coordinated through the Director of Finance and the Financial Vice President of the University in Stockton. Business affairs of the School include accounting services, telecommunications, personnel, building operations, student store, public safety, information systems, duplicating, printing and mailing. The Business Manager also serves in an advisory capacity to students, student body, alumni and faculty.

Student Store

The Student Store stocks all materials, equipment and supplies needed for the educational program. Each year students are required to purchase a Student Doctoral Kit that is distributed just prior to the first day of Summer Quarter classes. The Kit, containing textbooks, materials and supplies approved for student purchase by the Store Committee, provides basic materials needed for that academic year. Students will need to purchase additional items throughout the year.

Student Affairs

The Office of Student Affairs is responsible for recruiting students, contacting applicants, collecting data for the Admissions Committee, and providing consultation and assistance in nonacademic areas including: student financial aid, health matters and health insurance coverage, housing, and on campus social and fraternal group activities. The Associate Dean for Student Affairs serves as Chair of the Student Appeals Committee, described in this Catalog under "General Policies" and "Joint Faculty-Administrative Committees."

Student Financial Aid

Loans and grant funds are available from private, state, and federal sources. Eligibility for most available financial aid funds is based on demonstrated financial need. An applicant must be approved for admission before financial aid can be awarded. Complete information about the types of financial aid available and the application process may be obtained from the Director of Student Financial Aid, located in the Office of Student Affairs.

Federal regulations require the Student Financial Aid Office to insure that financial aid applicants and recipients are making satisfactory academic progress toward their degree as well as remaining in good academic standing. Each year, incoming and returning students are required to acknowledge in writing that they have received and read the document, "Satisfactory Academic Progress for Financial Aid Applicants and Recipients," distributed by the Student Financial Aid Office.

Housing

The School is located in the Pacific Heights neighborhood of San Francisco with an apartment facility within walking distance of the campus. The U.O.P. apartment building contains unfurnished one, two and three bedroom apartments, study and lounge areas, laundry rooms, a dental laboratory and a physical fitness center. Rental eligibility is reserved for dental students registered at U.O.P. Vacancies are filled each year by lottery from a list of applicants who have been accepted for admission to the School of Dentistry.

Rent is due and payable by the tenth day of each month. Failure to pay on the due date will result in assessment of a late payment fee for each month's delinquency in payment. Such delinquency may result in suspension or termination from the educational program. The School maintains a listing of off-campus privately owned apartments for interested students. The School does not endorse, investigate, or guarantee the tenability of listings or suitability of those responding to any off campus listing.

Health Sciences Library

The Health Sciences Library of the University of the Pacific and the Pacific Presbyterian Medical Center is located diagonally across from the School on the Southeast corner of Sacramento and Webster Streets. The Library's collections include 10,700 books, 61,800 bound journals, and current receipt of 841 journal and other serial publications, 25 abstracts and indexes, and audiovisual materials. Other services include reference, interlibrary loan, on-line data bases and library usage instruction. Coin operated copiers are available.

The Learning Resources Center, located on the sixth floor of the Library, is an audiovisual facility. Instructional materials include slide-tape, video, microfiche, programmed texts, three dimensional models, journal articles, and mastery testing. It is used extensively by first and second year students in conjunction with didactic and laboratory courses, and by third year students who review procedures and concepts in conjunction with patient care.

The Library is supported by the School's Ernest G. Sloman Memorial Library Fund. Library hours are:

Monday-Thursday	8:00 A.M. - 8:00 P.M.
Friday	8:00 A.M. - 6:00 P.M.
Saturday	9:00 A.M. - 5:00 P.M.
Sunday	Closed

Educational Development and Management

The Educational Development and Management Division provides services to students, faculty and administration designed to improve overall effectiveness of the educational process. Photography, video, graphics, and professional communications such as the School's quarterly publication *CONTACT POINT*, are responsibilities of the Division. Educational Development and Management also provides in-service faculty training and management consultation and assists in evaluation procedures, curricular design, course objectives, development of instructional materials, and research design and analysis.

Orientation and Counseling

First year students participate in an Orientation Seminar held on the University's Stockton campus approximately one month after matriculation. Through structured informal discussions with upper class students, faculty, advisors and administrators, new students are acquainted with the various aspects of the dental educational program and with ongoing School activities.

Faculty who teach first year courses serve as advisors to new students to provide friendly ears and sounding boards for their concerns and to assist them in transition from general to professional education. Students are assigned at the beginning of their first year to a pair of faculty advisors. Second and third year students have access to their assigned Group Practice Clinic Administrator as well as course directors and other faculty members.

Academic counseling is provided by assigned Advisors as well as course directors, faculty and the Associate Dean for Academic Affairs. Professional counseling regarding emotional problems is available through referral. Services of a counselor trained in student stress, emotional, and study skills problems, are available on an on-call basis.

Dental and Orthodontic Treatment Benefits

Dental and Orthodontic treatment benefits are available at the School of Dentistry during regular clinic hours for students in good standing and their spouses and children (living at home) who request and are accepted for dental service, except Orthodontics, at no charge beyond the cost of precious metals and laboratory fees. Orthodontic care is provided at 75 percent of the established Clinic Fee Schedule.

Development

The Director of Development assumes primary responsibility for identification and acquisition of capital and operating funds used for partial support of programs of the School of Dentistry. The development officer also provides consultation regarding long term development, and staff support for the Board of Directors of the P & S Club, which is the major fundraising body for the School.

Public Relations

The Director of Public Relations is responsible for supervising the School's contact with the press, radio, television and specialized media, and serves as an editor for *CONTACT POINT*. The Director manages many student, alumni and fundraising events and coordinates activities related to the P & S Club Ball.

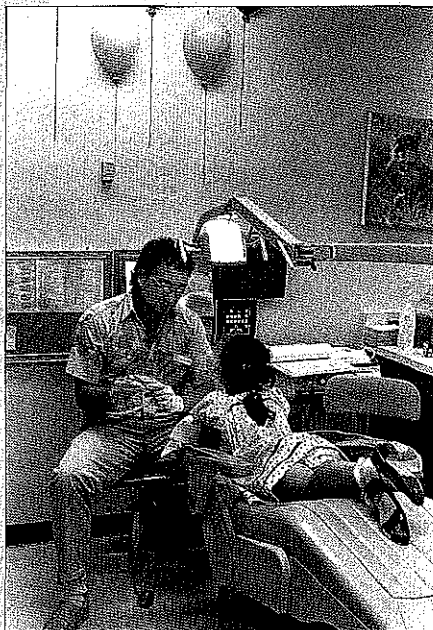
Postgraduate Education

The Postgraduate Education Division provides a dynamic multidisciplinary program of continuing education to members of the dental and other health professions in California and related geographic areas. More than 60 courses are offered each year and attendance at clinical and lecture presentations exceeds 3,000 dentists and dental auxiliaries. Courses are offered at the School and other meeting places in San Francisco, the Western United States and foreign countries.

Dental students on an unlimited basis and faculty on a limited basis are encouraged to attend continuing education courses upon payment of a minimal registration fee. Graduates may enroll in two unlimited on site continuing education courses following the year of graduation or after military obligations are met, upon payment of a minimum registration fee. Patron and Founder members of the School's P & S Club are eligible for specified Postgraduate Education participation.

California Dental Licensure

To practice in California, graduates must pass the California State Board Dental Examination given at multiple sites and times each year. University of the Pacific graduates are afforded the opportunity to take these examinations at the School immediately after June graduation. The State requires successful completion of the Dental National Board Examination before applicants are admitted for State examinations. National Board Examinations are given in two parts, Part I over basic sciences and Part II over dental sciences. Successful completion of Part I is required before Part II may be taken.



FACULTY BY DEPARTMENTS

Community Dentistry

Robert S. Gartrell, Chairperson
Professors: Beare (Emeritus), Cagnone, Chambers
Associate Professors: Gartrell, Hanson, Nielsen, Wagner
Assistant Professors: Wheaton*, Woodson
Instructors: Black*, Descalzo*, Gordon*, Melitas*

Anatomy

Jack G. Chamberlain, Chairperson
Professor: Chamberlain
Associate Professor: Burk
Assistant Professors: Budenz*, Moiseiwitsch*

Biochemistry

Alexander J. Murphy, Chairperson
Professors: Leicester (Emeritus), Murphy
Associate Professor: Highsmith

Physiology

Giuseppe Inesi, Chairperson
Professors: Cohen, Inesi*, Levy*, Ralston (Emeritus)
Associate Professor: Lukin

Microbiology

Hamdi A. Tamimi, Chairperson
Professor: Tomimi
Assistant Professor: Norwood*

Diagnostic Sciences

William M. Carpenter, Chairperson

Pathology/Oral Medicine

Alan S. Leider, Head
Professor: Leider
Associate Professors: Carpenter, Merrell
Assistant Professor: Freckleton*

Oral Diagnosis and Treatment Planning

Peter L. Jacobsen, Head
Professors: Forbes (Emeritus), Graves (Emeritus), Thomassen (Emeritus)
Associate Professors: Cohan, Harris*, Jacobsen
Assistant Professors: Aarons*, Presley-Nelson*, Rudin*
Instructors: Brownstein*, Char*, Clevenger*, B. Donoghue*, McCarthy*, Panagotacos*, Terlet*

Emergency/Screening

Richard E. Fredekind, Head
Assistant Professor: Fredekind
Instructors: Lambert*, A. Wong*

Radiology

Don E. Strub, Head
Professors: Campbell*, Strub
Assistant Professor: Hadley*

Facial Pain

William C. Donlon, Head
Professor: Kaplan*
Associate Professor: Donlon*
Assistant Professors: Chase*, Harness*, Truto*
Instructors: R. Donoghue*, Hwang*, Santucci*

Endodontics

Ronald F. Borer, Acting Chairperson
Professors: Borer, E. Brown (Emeritus), Wolfsohn (Emeritus)
Associate Professor: Goon
Assistant Professors: W. Brown*, Castagno, Fogel*, Gluskin*, Moore*
Instructors: Aimar*, McFeely*, Stepovich*

Orthodontics

Donald R. Poulton, Chairperson
Professors: A. Dugoni, Poulton
Associate Professors: Boero*, S. Dugoni, Lieber*, N. Tom
Assistant Professors: Au*, Aubert*, Jung*, Khalifa, Lee*

Operative Dentistry

James F. Simon, Chairperson
Professors: Christoffersen, Craig, deGuerre (Emeritus)
Associate Professors: Dooley, Garcia, Hayashida, Simon
Assistant Professors: Dower, Golden*, McConnell, Savio*, Sibbold*, White*, Woodson
Instructors: Barthold*, Brucia*, Buschor*, Hausauer*, Jollymour*, Levi*

Periodontics

Walter B. Hall, Chairperson
Professors: Hall, Moser (Emeritus), Thomas (Emeritus)
Associate Professors: DeGregori, Hughes, Lundergan
Assistant Professors: Blair, Bruce, Jing*, John*, Litch, Stenberg*

Oral and Maxillofacial Surgery

Keith J. Marshall, Chairperson
Professor: Middleton (Emeritus)
Associate Professors: Javid, Marshall, Thompson*, Zimmerman*
Assistant Professors: Boettger*, Ding*, Garibaldi, Moomjian*

Removable Prosthodontics

Eugene E. LaBarre, Chairperson
Professors: LaVere, Smith
Associate Professors: Dooley, Engelhardt, LaBarre, Marcroft*, Sarka
Assistant Professors: Castagna, Eliason*, Maniscalco*, Putnam*, Shinbori*
Instructors: Duhn*, Protzel*, Skinner, Steinborn*, Yarrowborough*
Teaching Dental Laboratory Technician: Holloway

Fixed Prosthodontics

Lorry G. Loos, Chairperson
Professors: Boero (Emeritus), Laos, Lugassy, Ryge (Emeritus), Sutra*, Ward*
Associate Professors: Dibble, Dooley, Nelson
Assistant Professors: Castagna, Chan*, Giachetti*, Guenther, Hafer*, Hedlund, Kylberg*, Low*, Mueller*, Show, Shinbori*, Tran, M. Wong*
Instructors: Allison*, Black*, Buschor*, Choy*, Duhn, Freeman*, Fung*, Ghafourpour*, Humphrey*, Schroeder*

Pediatric Dentistry

Stanley E. Siegel, Acting Chairperson
Professors: Rayman*, Tocchini (Emeritus)
Associate Professors: Katz*, Siegel
Assistant Professors: Ahlfeld, Hodges*, Rabbach, Toledo
Instructors: Haynes*, Kong*, R. Tom*

* Indicates faculty member is employed fewer than three days per week

ADMINISTRATION

Arthur A. Dugoni, D.D.S., M.S.D., B.S.

Dean

Leroy D. Cagnone, A.B., D.D.S., M.A., Ph.D.

Associate Dean for Academic Affairs

Robert H. Christoffersen, B.S., D.D.S., M.A.

Associate Dean for Clinical Affairs

Thomas C. Dunworth, B.S.

Director of Development

Robert S. Gartrell, B.S., D.D.S.

Assistant Dean for Community Dentistry and Postgraduate Education

Alfred E. Gilmour, B.A., M.A.

Associate Dean for Student Affairs

Milton C. Lambertson, A.B.

Business Manager

David B. Nielsen, B.A., D.D.S.

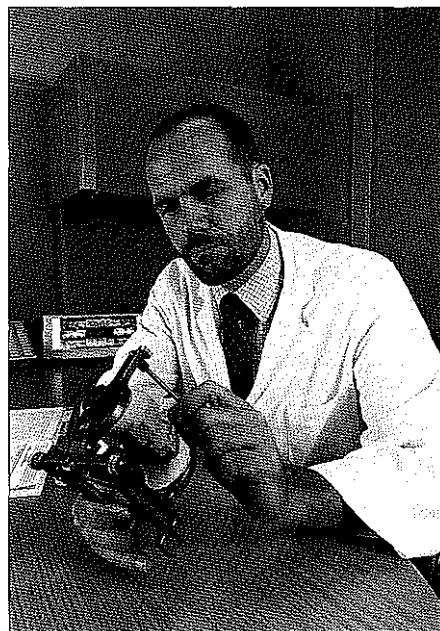
Assistant Dean for Administrative and Alumni Affairs

Gordon J. Tucker, B.S.

Assistant Business Manager

Patricia M. Wagner, B.S., M.Ed.

Assistant to the Dean



EMERITUS FACULTY

Thomas J. Beare, D.D.S.

Professor Emeritus of Community Dentistry (1963 - 1984)

Edward P. Boero, D.D.S.

Professor Emeritus of Prosthetic Dentistry (1935 - 1968)

Edwin P. Brown, D.D.S.

Professor Emeritus of Endodontics (1965 - 1987)

Charles W. deGuerre, D.D.S.

Professor Emeritus of Operative Dentistry (1927 - 1977)

Wilfred G. Forbes, D.D.S.

Professor Emeritus of Diagnostic Sciences (1961 - 1984)

Raymond J. Graves, D.D.S.

Professor Emeritus of Diagnostic Sciences (1968 - 1977)

Henry M. Leicester, Ph.D.

Professor Emeritus of Biochemistry (1938 - 1977)

Robert A. Middleton, D.D.S.

Professor Emeritus of Oral and Maxillofacial Surgery (1971 - 1983)

Ernest H. Moser, Jr., D.D.S.

Professor Emeritus of Periodontics (1963 - 1977)

Henry J. Ralston, Ph.D.

Professor Emeritus of Physiology (1945 - 1976)

Gunnar Ryge, D.D.S.

Professor Emeritus of Fixed Prosthodontics (1972 - 1984)

Bernard O. A. Thomas, D.D.S.

Professor Emeritus of Periodontics (1956 - 1969)

Paul R. Thomassen, Jr., D.D.S.

Professor Emeritus of Diagnostic Sciences:
Oral Diagnosis and Treatment Planning (1946 - 1986)

John J. Tocchini, D.D.S.

Professor Emeritus of Pediatric Dentistry (1937 - 1973)

Bertram L. Wolfsohn, D.D.S.

Professor Emeritus of Endodontics (1953 - 1966)

FACULTY

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Arthur A. Dugoni, Professor of Orthodontics

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B.S., Gonzaga University, 1986

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B.S., University of California, 1967
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Herbert R. Engelhardt, Associate Professor of Removable Prosthodontics

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B.S., Southern Illinois University, 1973
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**Herbert E. Fredekind, Assistant Professor of Diagnostic Sciences:
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James A. Garibaldi, Assistant Professor of Oral and Maxillofacial Surgery

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Robert S. Gartrell, Associate Professor of Community Dentistry

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Jamshid L. Ghafourpour, Clinical Instructor of Fixed Prosthodontics

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Ernest G. Giachetti, Clinical Assistant Professor of Fixed Prosthodontics

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Alan H. Gluskin, Clinical Assistant Professor of Endodontics

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D.D.S., University of the Pacific, 1972

Robert C. Golden, Clinical Assistant Professor of Operative Dentistry

D.D.S., University of the Pacific, 1979

William W. Y. Goon, Associate Professor of Endodontics

D.D.S., University of Illinois, 1976

Brenda J. Gordon, Clinical Instructor of Community Dentistry

B.S., University of Michigan, 1979
D.D.S., University of Michigan, 1983

Janet E. Guenther, Assistant Professor of Fixed Prosthodontics

B.S., Simmons College, 1979
D.M.D., Tufts University, 1981

Jack N. Hadley, Clinical Assistant Professor of Diagnostic Sciences: Radiology

B.A., University of California, 1952
D.D.S., University of the Pacific, 1958

Alan Hafter, Clinical Assistant Professor of Fixed Prosthodontics

B.A., Rutgers University, 1960
D.D.S., Temple University, 1964

Walter B. Hall, Professor of Periodontics

A.B., Cornell University, 1953
D.D.S., University of Maryland, 1957
M.S.D., University of Washington, 1962

Kerry D. Hanson, Associate Professor of Community Dentistry

B.S., University of Oregon, 1963
D.D.S., University of the Pacific, 1967

M. Dennis Harness, Clinical Assistant Professor of Diagnostic Sciences: Facial Pain

B.A., California State University, Sacramento, 1979
M.A., University of the Pacific, 1983
Ph.D., California Institute of Integral Studies, 1988

Michael L. Harris, Clinical Associate Professor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

D.D.S., University of California, San Francisco, 1966

Heidi K. Hausauer, Clinical Instructor of Operative Dentistry

B.A., University of the Pacific, 1982
D.D.S., University of the Pacific, 1985

Eddie K. Hayashida, Associate Professor of Operative Dentistry

A.B., University of California, 1971
D.D.S., University of California, Los Angeles, 1976

V. Shannon Haynes, Clinical Instructor of Pediatric Dentistry

B.A., Holy Names College, 1977
D.D.S., University of the Pacific, 1982

Clayton R. Hedlund, Assistant Professor of Fixed Prosthodontics

B.S., University of Arizona, 1975
D.D.S., University of the Pacific, 1978

Stefan Highsmith, Associate Professor of Biochemistry

B.A., University of California, 1966
Ph.D., Massachusetts Institute of Technology, 1972

Frank R. Hodges, Clinical Assistant Professor of Pediatric Dentistry

D.D.S., University of the Pacific, 1971
M.S.D., University of Washington, 1975

Gerald W. Holloway, Teaching Dental Laboratory Technician, Removable Prosthodontics

Wilbur R. Hughes, Jr., Associate Professor of Periodontics

D.M.D., Tufts University, 1947

Virginia P. Humphrey, Clinical instructor of Fixed Prosthodontics

B.A., University of California, 1983
D.D.S., University of the Pacific, 1987

Ronald Hwang, Clinical Instructor of Diagnostic Sciences: Facial Pain

B.S., McGill University, 1977
D.M.D., University of Pennsylvania, 1981

Giuseppe Inesi, Clinical Professor of Physiology

L.A., Classic Lyceum, Italy, 1948
M.D., Modena University, Italy, 1954

Peter L. Jacobsen, Associate Professor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

B.A., Florida State University, 1967
Ph.D., University of California, San Francisco, 1972
D.D.S., University of California, San Francisco, 1977

Bahram Javid, Associate Professor of Oral and Maxillofacial Surgery

L.D.S., Durham University, England, 1956
D.M.D., Tufts University, 1960

Thomas H. Jing, Clinical Assistant Professor of Periodontics

D.D.S., Washington University, 1970

Stephen R. John, Clinical Assistant Professor of Periodontics

D.D.S., University of the Pacific, 1984

Arthur P. Jollymour, Clinical instructor of Operative Dentistry

B.A., University of California, Los Angeles, 1980
D.D.S., University of the Pacific, 1986

Steven T. Jung, Clinical Assistant Professor of Orthodontics

D.M.D., Washington University, 1979
M.S., Washington University, 1981

Herman Kaplan, Clinical Professor of Diagnostic Sciences: Facial Pain

A.B., New York University, 1948
D.D.S., New York University, 1953
M.D., State University of New York, Upstate Medical Center, 1963

Raymond H. Katz, Clinical Associate Professor of Pediatric Dentistry

B.A., University of Connecticut, 1967
D.M.D., Tufts University, 1971

El-Rasheed A. Khalifa, Assistant Professor of Orthodontics

B.D.S., University of Khartoom, 1978
M.S., Ohio State University, 1988

Clorinda B. Kong, Clinical Instructor of Pediatric Dentistry

B.A., University of California, 1975
D.D.S., University of California, Los Angeles, 1979

Robert H. Kylberg, Clinical Assistant Professor of Fixed Prosthodontics

A.B., California State University, Fresno, 1964
D.D.S., University of the Pacific, 1968

Eugene E. LaBarre, Associate Professor of Removable Prosthodontics

B.A., Harvard University, 1973
D.M.D., Tufts University, 1977
M.S., University of North Carolina, 1981

Michael B. Lambert, Clinical Instructor of Diagnostic Sciences: Emergency/Screening

B.A., University of California, Santo Barbara, 1971
D.M.D., Washington University, St. Louis, 1984

Arthur M. LaVere, Professor of Removable Prosthodontics

D.D.S., Northwestern University, 1945

Jetson S. Lee, Clinical Assistant Professor of Orthodontics

A.B., University of California, 1981
D.D.S., University of the Pacific, 1984
M.S.D., University of the Pacific, 1986

Alan S. Leider, Professor of Diagnostic Sciences: Pathology/Oral Medicine

D.D.S., University of Buffalo, 1960
M.A., University of the Pacific, 1979

Robin T. Levi, Clinical Instructor of Operative Dentistry

B.A., University of California, 1980
D.D.S., University of the Pacific, 1986

Joseph V. Levy, Clinical Professor of Physiology

B.A., Stanford University, 1950
M.S., University of California, Los Angeles, 1956
Ph.D., University of Washington, 1959

William S. Lieber, Clinical Associate Professor of Orthodontics

B.S., Tufts University, 1962
D.M.D., University of Pennsylvania, 1966

Joyce M. Litch, Clinical Assistant Professor of Periodontics

B.S., University of Detroit, 1974
D.D.S., University of Detroit, 1979
M.S.D., Indiana University, 1982

Larry G. Loos, Professor of Fixed Prosthodontics

B.A., University of Iowa, 1964
D.D.S., University of Iowa, 1967
M.A., University of the Pacific, 1979

Calvin B. Low, Clinical Assistant Professor of Fixed Prosthodontics

B.A., University of California, 1968
D.D.S., University of California, Los Angeles, 1972

Armand A. Lugassy, Professor of Fixed Prosthodontics

B.Ph., Lycee of Fez, Morocco, 1955
Ch.D., Toulouse University, France, 1959
D.D.S., University of Pennsylvania, 1962
Ph.D., University of Pennsylvania, 1968

Larissa S. Lukin, Associate Professor of Physiology

B.A., Katowice College for Women, Poland, 1944
M.S., Heidelberg University, 1949
Ph.D., Columbia University, 1955
M.A., University of the Pacific, 1979

William P. Lundergan, Associate Professor of Periodontics

B.S., University of California, Irvine, 1973
D.D.S., University of the Pacific, 1981

Anthony R. Maniscalco, Clinical Assistant Professor of Removable Prosthodontics

B.S., University of San Francisco, 1970
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Keith R. Marcroft, Clinical Associate Professor of Removable Prosthodontics

B.S., University of Utah, 1947
D.D.S., Washington University, 1952

Keith J. Marshall, Associate Professor of Oral and Maxillofacial Surgery

D.D.S., University of the Pacific, 1963

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B.A., University of California, 1976
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D.D.S., University of the Pacific, 1982

Thomas A. McConnell, Assistant Professor of Operative Dentistry

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D.D.S., Indiana University, 1971

Julian R. D. Moiseiwitsch, Clinical Assistant Professor of Anatomy

B.A., Methodist College, Belfast, Ireland, 1980
B.D.S., University College, London, England, 1984
F.D.S.(I.), Royal College of Surgeons, London, England, 1986

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David D. Moore, Clinical Assistant Professor of Endodontics

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B.S., California Maritime Academy, 1961
D.D.S., University of the Pacific, 1968
M.S.D., University of North Carolina, 1972

David B. Nielsen, Associate Professor of Community Dentistry

B.A., California State University, Los Angeles, 1962
D.D.S., University of the Pacific, 1967

Robert S. Norwood, Clinical Assistant Professor of Microbiology

B.S., San Jose State University, 1960
M.S., Son Francisco State University, 1972

James J. Ponagotacos, Clinical Instructor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

B.A., University of the Pacific, 1963
D.D.S., University of the Pacific, 1980

Donald R. Poulton, Professor of Orthodontics

D.D.S., University of California, San Francisco, 1956

Beverly E. Presley-Nelson, Clinical Assistant Professor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

B.S., Northern Arizona University, 1978
D.D.S., University of the Pacific, 1982

Susan J. Protzel, Clinical Instructor of Removable Prosthodontics

B.S., University of California, Davis, 1974
D.D.S., University of the Pacific, 1978

William M. Putnam, Clinical Assistant Professor of Removable Prosthodontics

D.M.D., Washington University, St. Louis, 1963

Donold Quiring, Teaching Dental Laboratory Technician, Fixed Prosthodontics

Vernon P. Rabbach, Associate Professor of Pediatric Dentistry

B.A., Reid College, 1958
D.D.S., University of the Pacific, 1965

Martin P. Rayman, Clinical Professor of Pediatric Dentistry

B.A., City University of New York, Queens College, 1967
D.D.S., New York University, 1971

Richard S. Rudin, Clinical Assistant Professor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

B.S., Manhattan College, New York, 1975
D.D.S., Case Western Reserve University, 1980

Eugene T. Santucci, Clinical Instructor of Diagnostic Sciences: Facial Pain

B.S., Kings College, Pennsylvania, 1964
D.D.S., Temple University, 1968

Robert J. Sorko, Associate Professor of Removable Prosthodontics

B.S., Fordham University, 1951
D.D.S., Columbia University, 1955
M.S., University of Texas, Houston, 1968

Ednaimo B. T. Savio, Clinical Assistant Professor of Operative Dentistry

D.D.S., University of the Pacific, 1971

Kurt F. Schroeder, Clinical Instructor of Fixed Prosthodontics

B.A., University of California, 1980
D.D.S., University of Texas, San Antonio, 1985

Edward L. Shaw, Assistant Professor of Fixed Prosthodontics

B.S., University of British Columbia, 1977
D.D.S., University of the Pacific, 1982

Dennis D. Shinbori, Clinical Assistant Professor of Fixed and Removable Prosthodontics

B.A., University of the Pacific, 1972
D.D.S., University of the Pacific, 1975

Brion K. Sibbold, Clinical Assistant Professor of Operative Dentistry

B.A., University of California, 1969
D.D.S., University of California, Los Angeles, 1973

Stanley E. Siegel, Associate Professor of Pediatric Dentistry

B.A., New York University, 1953
D.D.S., New York University, 1957
M.S., Northwestern University, 1961

James F. Simon, Associate Professor of Operative Dentistry

D.D.S., University of Iowa, 1969
M.Ed., University of New Orleans, 1982

Eric S. Skinner, Instructor of Removable Prosthodontics

D.D.S., University of the Pacific, 1987

Roland C. Smith, Professor of Removable Prosthodontics

D.D.S., Loyola University, New Orleans, 1946

Cothrine L. Steinborn, Clinical Instructor of Removable Prosthodontics

B.A., University of California, Santa Barbara, 1977
D.D.S., University of the Pacific, 1985

William V. Stenberg, Clinical Assistant Professor of Periodontics

B.S., University of the Pacific, 1979
D.D.S., University of the Pacific, 1982

Mark A. Stepovich, Clinical Instructor of Endodontics

D.D.S., University of the Pacific, 1986

Don E. Strub, Professor of Diagnostic Sciences: Radiology

B.A., University of Iowa, 1953
M.A., University of Iowa, 1958
D.D.S., University of Iowa, 1965

Henry A. Sutro, Clinical Professor of Fixed Prosthodontics

D.D.S., University of the Pacific, 1950

Homdi A. Tamimi, Professor of Microbiology

B.S., Sterling College, 1950
M.S., University of Colorado, 1954
Ph.D., University of Colorado, 1957

Ariane R. Terlet, Clinical Instructor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

B.A., University of California, 1980
D.D.S., University of the Pacific, 1986

Henry C. Thompson, III, Clinical Associate Professor of Oral and Maxillofacial Surgery

A.B., Washington University, 1944
D.D.S., St. Louis University, 1946
M.S., University of Pittsburgh, 1956

Efroin F. Toledo, Assistant Professor of Pediatric Dentistry

D.D.S., University of Mexico, 1967

Nathan S. Tom, Associate Professor of Orthodontics

D.D.S., University of the Pacific, 1959
M.S., University of Detroit, 1973

Randall W. Tom, Clinical Instructor of Pediatric Dentistry

B.S., University of San Francisco, 1980
D.D.S., University of the Pacific, 1983

ADJUNCT FACULTY

Chi D. Tran, Assistant Professor of Fixed Prosthodontics

D.D.S., Medical College of Virginia, 1979

**Marianne P. Truta, Clinical Assistant Professor of Diagnostic Sciences:
Facial Pain**

B.S., St. Johns University, 1973

D.M.D., State University of New York, Stony Brook, 1977

Patricia M. Wagner, Associate Professor of Community Dentistry

B.S., University of Washington, 1952

M.Ed., University of Washington, 1960

Herbert E. Ward, Clinical Professor of Fixed Prosthodontics

B.S., D.D.S., University of the Pacific, 1943

Mary Lynn Wheaton, Clinical Assistant Professor of Community Dentistry

B.S., West Virginia University, 1973

M.A., University of the Pacific, 1979

David K. White, Clinical Assistant Professor of Operative Dentistry

B.A., University of the Pacific, 1975

D.D.S., University of the Pacific, 1981

Allen Wong, Clinical Instructor of Diagnostic Sciences: Emergency Service

B.A., University of the Pacific, 1983

D.D.S., University of the Pacific, 1986

Morris Wong, Clinical Assistant Professor of Fixed Prosthodontics

D.D.S., University of the Pacific, 1967

**Russell G. Woodson, Assistant Professor of Operative Dentistry;
Community Dentistry**

B.S., Arizona State University, 1976

D.D.S., University of the Pacific, 1979

Craig S. Yarborough, Clinical Instructor of Removable Prosthodontics

B.S., University of the Pacific, 1977

D.D.S., University of the Pacific, 1980

**Donald C. Zimmerman, Clinical Associate Professor of Oral and
Maxillofacial Surgery**

B.A., Pomona College, 1950

D.D.S., University of the Pacific, 1954

M.S., University of Minnesota, 1957

Dr. Gregory R. Abate

Adjunct Instructor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

Dr. Richard D. Albert

Research Associate in Diagnostic Sciences: Radiology

Dr. Peggy Ambus

Adjunct Instructor of Community Dentistry

Dr. Sheldon Baumrind

Lecturer in Orthodontics

Dr. Bruce R. Belluomini

Adjunct Instructor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

Dr. Charles R. Buchonon

Adjunct Assistant Professor of Fixed Prosthodontics

Dr. Richard C. Burns

Adjunct Assistant Professor of Endodontics

Dr. Susan E. Caliri

Adjunct Instructor of Diagnostic Sciences: Oral Diagnosis and Treatment Planning

Dr. Kenneth W. Campbell

Adjunct Instructor of Community Dentistry

Dr. Richard A. Campbell

Adjunct Assistant Professor of Community Dentistry

Dr. Bloine S. Clements

Lecturer in Orthodontics

Dr. Carol R. Coon

Adjunct Associate Professor of Physiology

Dr. Stephen Cohen

Adjunct Professor of Endodontics

Dr. Richard J. Coll

Adjunct Assistant Professor of Biochemistry

Dr. Joseph E. Cullo

Adjunct Associate Professor of Community Dentistry

Mr. Arthur W. Curley, Esq.

Adjunct Associate Professor of Community Dentistry

Dr. Lowell B. DAVIS

Adjunct Assistant Professor of Periodontics

Dr. John O. Dittmer

Adjunct Associate Professor of Oral and Maxillofacial Surgery; Orthodontics

Dr. R. Thomas Dunkin

Adjunct Professor of Periodontics

Dr. Nathalie Y. Duque

Adjunct Assistant Professor of Orthodontics

Dr. Stephen P. Eriksen

Adjunct Instructor of Fixed Prosthodontics

Dr. Bradford M. Eschler

Adjunct Assistant Professor of Periodontics

Dr. Michael I. Falkel

Adjunct Instructor of Diagnostic Sciences:
Oral Diagnosis and Treatment Planning

Dr. John C. Fat

Adjunct Instructor of Community Dentistry

Dr. Wayne C. Fong

Adjunct Instructor of Diagnostic Sciences: Emergency Service

Dr. Michael L. Fox

Adjunct Instructor of Oral and Maxillofacial Surgery

Dr. Richard W. French

Adjunct Instructor of Community Dentistry

Dr. Herbert B. Gibbs

Adjunct Instructor of Fixed Prosthodontics

Dr. John P. Gibbs

Adjunct Assistant Professor of Orthodontics

Dr. Marsha A. Goodwin

Adjunct Assistant Professor of Community Dentistry

Dr. Elzy J. Graham

Adjunct Assistant Professor of Community Dentistry

Dr. Daniel A. Grant

Adjunct Professor of Periodontics

Dr. Robert E. Griffin

Adjunct Assistant Professor of Orthodontics

Dr. Stanley W. Gum

Lecturer in Orthodontics

Dr. Charles W. Halterman

Adjunct Assistant Professor of Pediatric Dentistry

Dr. Michael S. Harper

Adjunct Assistant Professor of Periodontics

Dr. Harry H. Hatasaka

Adjunct Assistant Professor of Orthodontics

Dr. David C. Hatcher

Adjunct Associate Professor of Diagnostic Sciences: Radiology

Dr. Jon C. Helman

Adjunct Assistant Professor of Periodontics

Dr. Emily R. M. Holton,

Adjunct Associate Professor of Orthodontics

Dr. Kenneth F. Hovden

Adjunct Instructor of Endodontics

Dr. Herbert R. Husen

Adjunct Instructor of Community Dentistry

Dr. Arthur H. Ingram

Lecturer in Orthodontics

Dr. Ralph J. Isola

Adjunct Instructor of Community Dentistry

Dr. Harry S. Jew

Adjunct Instructor of Diagnostic Sciences:
Oral Diagnosis and Treatment Planning

Dr. Kleve C. Johnson

Adjunct Associate Professor of Orthodontics

Dr. Mervyn B. Kipnis

Adjunct Assistant Professor of Community Dentistry

Dr. Joel M. Klompus

Adjunct Assistant Professor of Diagnostic Sciences:
Pathology/Oral Medicine

Dr. Michael H. Korman

Adjunct Assistant Professor of Periodontics

Dr. Joseph Krajewski

Adjunct Assistant Professor of Periodontics

Dr. Robert E. Lamb

Adjunct Assistant Professor of Periodontics

Dr. Gregory S. Lee

Adjunct Instructor of Oral and Maxillofacial Surgery

Dr. Randy Q. Ligh

Adjunct Associate Professor of Pediatric Dentistry

Dr. William Loran

Research Associate in Fixed Prosthodontics

Dr. Dennis Low

Adjunct Assistant Professor of Periodontics

Ms. Sam E. Lowe

Adjunct Instructor of Oral and Maxillofacial Surgery

Dr. Deborah Lucks-Meisel

Adjunct Assistant Professor of Diagnostic Sciences:
Pathology/Oral Medicine

Mr. Robert H. Maccario

Adjunct Assistant Professor of Community Dentistry

Dr. Ronald B. Mack

Adjunct Associate Professor of Pediatric Dentistry

Dr. Ernest A. Maggioncalda

Adjunct Assistant Professor of Orthodontics

Dr. William L. Marble

Adjunct Instructor of Community Dentistry

Dr. Irwin L. Marcus

Adjunct Assistant Professor of Orthodontics

Dr. Deborah A. McCarthy-Krisanits

Adjunct Instructor of Community Dentistry

Dr. Sloan M. McDonald

Adjunct Assistant Professor of Oral and Maxillofacial Surgery

Dr. George K. Merijohn

Adjunct Assistant Professor of Periodontics

Ms. Christine E. Miller

Adjunct Assistant Professor of Community Dentistry

Ms. Karen Moawad

Lecturer in Orthodontics

Dr. Joseph P. Moffa

Consultant in Fixed Prosthodontics

Dr. Clifton E. Nakatani

Adjunct Instructor of Oral and Maxillofacial Surgery

Dr. Tan Q. Nguyen

Adjunct Instructor of Oral and Maxillofacial Surgery

Dr. William M. Odom, III

Adjunct Associate Professor of Orthodontics

Dr. Kevin W. Olden

Lecturer in Physiology

Dr. Jacques Pappa

Adjunct Assistant Professor of Diagnostic Sciences: Pathology/Oral Medicine

Dr. Peter J. Picard

Adjunct Assistant Professor of Orthodontics

Dr. Lorraine C. Poon

Research Associate in Orthodontics

Dr. Bangalore R. Premachandra

Adjunct Assistant Professor of Biochemistry

Dr. W. Eugene Roberts

Research Associate in Orthodontics

Dr. Donald J. Scales

Adjunct Associate Professor of Physiology

Dr. Joseph H. Schulz

Adjunct Associate Professor of Endodontics

Dr. Irving M. Sharon

Research Associate

Dr. John H. Sibley

Adjunct Assistant Professor of Orthodontics

Dr. Ricky K. Smith

Adjunct Instructor of Oral and Maxillofacial Surgery

Dr. Kenneth W. Snowdowne

Adjunct Assistant Professor of Biochemistry

Dr. Richard S. Sobel

Adjunct Associate Professor of Pediatric Dentistry

Ms. Elizabeth Soderstrom

Adjunct Instructor of Community Dentistry

Dr. Charles F. Sumner, III

Adjunct Associate Professor of Periodontics

Dr. Robert J. Tacy

Adjunct Associate Professor of Orthodontics

Dr. Janice C. Tam

Adjunct Instructor of Community Dentistry

Dr. Arthur T. Tawatari

Adjunct Instructor of Community Dentistry

Dr. Dennis H. Teruya

Adjunct Assistant Professor of Orthodontics

Dr. Kenneth Tessler

Adjunct Assistant Professor of Oral and Maxillofacial Surgery

Dr. Charles E. Torgerson

Adjunct Instructor of Community Dentistry

Dr. Melvin W. Walters

Adjunct Associate Professor of Orthodontics

Dr. D. Oliver Wong

Adjunct Instructor of Community Dentistry

Dr. Jeffrey Y. Wong

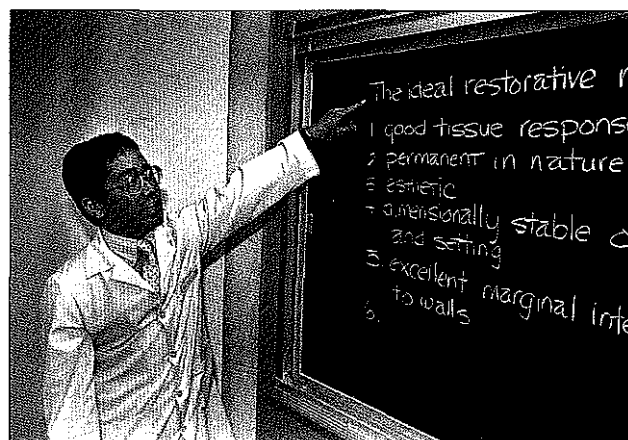
Adjunct Assistant Professor of Orthodontics

Dr. Shannon Wong

Adjunct Assistant Professor of Endodontics

Dr. Debra A. Woo

Adjunct Instructor of Community Dentistry; Diagnostic Sciences: Oral Diagnosis and Treatment Planning



PROFESSIONAL AND FRATERNAL ORGANIZATIONS

Associated Students

The Associated Student Body of the University of the Pacific School of Dentistry is composed of students enrolled in the doctoral program. Business affairs of the organization are conducted by the Student Executive Council which consists of the elected student body officers, the president and vice president of each class, and elected representatives to selected agencies of organized dentistry. Any student may meet with the Student Executive Council, but only duly elected officers may vote on issues under consideration. The Council and individual classes select representatives to the following School Committees: Curriculum, Joint Health Sciences Library, Faculty Appointment, Promotion and Tenure, Student Appeals, Atkinson Museum, Postgraduate Education, Educational Development and Management Policy, Safety, Store, Student Clinic Advisory, Student Financial Aid, and A. W. Ward Museum.

The publication *PULP HORN*, prepared and edited by students, is distributed quarterly. Articles, opinions and all contents of the *PULP HORN* reflect the opinions of its student editors and may not be representative of the University of the Pacific School of Dentistry.

School of Dentistry Alumni Association

The Alumni Association of the School of Dentistry, University of the Pacific has two categories of membership:

1) members: all graduates of this School; and 2) associate members: dentists graduated from other schools who join the Association. The Alumni Association is highly effective in its efforts to protect the public interest, improve dental education and expand the horizons of the profession of dentistry. The institution, its excellent reputation and its unequalled physical facilities are the direct result of unswerving loyalty and active support of its Alumni Association. The Association's interest in the total University program is further demonstrated by School of Dentistry alumni representation on the Board of Directors of the Pacific Alumni Association.

The Association, through a Student-Alumni Committee, sponsors recreational events throughout the year and assists student participation in organized intra- and extramural events such as the City Softball Tournament, Bay to Breakers Race, golf, basketball and cribbage tournaments, and the annual All School Picnic.

Officers, 1989

Gary R. Nelson	'68	President
Richard F. Hoedt	'55	Treasurer
Susan H. Fisher	'78	Secretary
James S. Dower, Jr.	'76	Immediate Past President
David B. Nielsen	'67	Executive Director
Leroy D. Cagnone	'59	Executive Secretary Emeritus

Boord of Directors, 1989

Susan A. Bittner	'74
Joseph W. Bronzini	'66
Ronald L. Champion	73
Kenneth Frangadakis	'66
Kenneth F. Hovden	'81
Gareth L. Meinhold	'53
F. Paul Senise	'65
Dennis D. Shinbori	'75
Betty S. Vodzak	'79
Leonard M. Warren	'57
Joseph M. Yamamoto	'49
Craig S. Yarborough	'80

Student Director, 1989

Ryan E. Minyard	'89
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P & S Club

The P & S Club, named to commemorate the College of Physicians and Surgeons, is committed to supporting excellence in dental education at the School. Funds donated annually by members who include alumni and nonalumni dentists and nondentist friends of the profession, are used by the Dean to provide support necessary to maintain this private institution's flexibility, thus insuring its survival. Membership in the P & S Club is extended and may be maintained on an annual basis. Membership benefits include: invitation to members and guests to the annual Gold, Silver and Ten Ball; Postgraduate Education course privileges according to the level of membership; unlimited access to the School's Learning Center; special invitations to limited attendance School events; and the satisfaction of showing that one cares.

Boord of Directors, 1989

	Class Year
Betty S. Vodzok, President	'79
Bernard S. Aarons	'44
Sigmund H. Abelson	'66
Susan A. Bittner	'74
Ronald F. Borer, Loyola U., Maywood	'61
James A. Campbell, Jr	'59
Willard C. Collins, U.C.S.F.	'62
Clayton T. Cooke	'74
James P. Crutchfield	'56
F. Gene Dixon, U. Nebraska	'47
Kenneth F. Fat, U.C.S.F.	'64
Kenneth E. Follmor, Northwestern U.	'48
William L. Gallagher	'63
Cindy G. Gaynor	'83
Eddie K. Hayashida, U.C.L.A.	'76
Richard W. Jeffery	'60
Robert T. Lambing	'61
Irwin L. Marcus	'48
Koren Moowod, U. Oregon	'66
Gordon Nagare	'74
Lewis J. Turchi	'62
William A. von Dyk	'73
Leonard M. Warren, Case Western U.	'57
Charles E. Wilson, U.M.K.C.	'47

National Dental Fraternities

Three chapters of notional dental fraternities are active at the School of Dentistry: Alpha Omega, Delta Sigma Delta, and Xi Psi Phi.

American Student Dental Association (ASDA)

All University of the Pacific dental students are members of ASDA and concurrently, student members of the American Dental Association with all the rights and privileges of such membership. Benefits are detailed in publications distributed by these organizations.

California Dental Association (CDA)

University of the Pacific students were the first of California's dental school population to avail themselves of the student membership category offered by the California Dental Association. A modest annual dues fee provides each student member with CDA publications, access without charge to CDA meetings, and the opportunity to enroll in CDA's Group Disability Insurance Plan.

American Association of Dental Schools (AADS)

The Council of Students is one of seven Councils of the AADS. The School's elected representatives to this Council participate in the AADS annual session and regional meetings. The Council of Students has an administrative board consisting of a vice president who serves on the AADS Executive Committee, and a chairperson, vice chairperson, secretary and member at large. The council elects several student delegates who have full voting privileges in the AADS House of Delegates.

San Francisco Symphony Forum

The San Francisco Symphony Forum, a self-governing body, provides opportunities for college and professional students to attend Wednesday evening concerts on a season ticket basis and to meet with members of the Symphony Orchestra and Symphony guests.

Omicron Kappa Upsilon

The Delta Delta Chapter of the notional dental honor fraternity, Omicron Kappa Upsilon, was organized in 1934. Its purpose is to encourage scholarship and to advance ethical standards of the dental profession. Membership is limited to twelve percent of the graduating class, selected on the bases of scholarship and character.

Tau Kappa Omega

In 1927 Alpha Chapter of an undergraduate honor society, Tau Kappa Omega, was organized for promotion of honor and service to the School. Students are elected to the fraternity on the bases of ideals, scholarship and character.

AWARDS

Annually at the Alumni Association's Banquet honoring the graduating classes, the following awards and prizes are presented:

Scholarship

Alpha Omega International Dental Fraternity Award
Clinical Excellence Award
Dean's Award
Harry H. Hilp Award
Bernerd C. Kingsbury Award
Arthur Roscoe McDowell Award
Harry A. True Award

Leadership, Professionalism, Scholarship, Service

Academy of General Dentistry Award
Alpha Omega Dental Fraternity, Boy Area Alumni Award
Alumni Association's Joint Student-Alumni Committee Award
American Association of Women Dentists Award
American College of Dentists, Northern California Award
Louise C. Ball Leadership Award
California Dental Association Award
CHIPS Editors Awards
Delta Sigma Delta Dental Fraternity, Nu Nu Chapter Awards
Dental Auxiliary, School of Dentistry Awards
F. Gene Dixon Award
Pacific Alumni Association Award
Hawaiian Award
Pierre Fouchard Academy Award
International College of Dentists, U.S.A. Section Award
Who's Who Among Students in American Universities and Colleges Award
Henry Wway Yee Scholarship Awards

Outstanding Performance

Cecil Adams Award (Oral and Maxillofacial Surgery)
Louise C. Boll Essay Award
Block Drug Corporation Outstanding Essay Award
Comprehensive Patient Care Awards
Dental Auxiliary Utilization Award
Endodontics Department Award
Charles A. Ertolo Award (Removable Prosthodontics)
Thomas B. Hartzell Award (Clinical Periodontics)
Charles G. Lee Award (Children's Dentistry)
A. W. Word Award (Clinical Fixed Prosthodontics)
Academy of Dental Materials Award
Academy of Dentistry for the Handicapped Award
Academy of Operative Dentistry Award
American Academy of Dental Radiology Award
American Academy of Implant Dentistry, Western District Award
American Academy of Oral Medicine Award
American Academy of Oral Pathology Award
American Academy of Periodontology Award
American Association of Endodontists Award
American Association of Oral and Maxillofacial Surgeons Award
American Association of Orthodontists Award
American Dental Society of Anesthesiology Award
American Equilibration Society Award
American Society of Dentistry for Children Award

Ishiyoku/Piccin Book Award

Pacific Oral Pathology Laboratory Award (Oral Pathology)

Quintessence Book Awards (Research Achievement, Clinical Periodontics, Clinical Restorative Dentistry)

Charles, Charles Jr. and Joe Sweet Award (Pediatric Dentistry)

Teledyne - Honou Award (Prosthodontics)

A detailed account for each award is available in the Office of the Associate Dean for Academic Affairs.

Graduation Honors

Upon recommendation of the Third Year Student Academic Performance and Promotions Committee, students who complete the requirements for graduation and whose academic record qualifies them for election to Tau Kappa Omega are *Graduated With Honors*, those who complete graduation requirements and whose record qualifies them for election to Omicron Kappa Upsilon are *Graduated With High Honors*, and the Valedictorian is *Graduated With Highest Honors*.



CALENDAR 1989-1990

SUMMER QUARTER

JULY						
S	M	T	W	T	F	S
						1
2	V	H	V	V	V	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER						
S	M	T	W	T	F	S
					1	2
3	H	5	6	7	8	9
10	11	12	13	14	15	16
17	18	E	E	E	V	23
24	V	V	V	V	V	30

AUTUMN QUARTER

OCTOBER						
S	M	T	W	T	F	S
1	V	V	V	V	V	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOVEMBER						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	H	H	25
26	27	28	29	30		

DECEMBER						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	E	E	E	V	23
24	H	H	H	H	H	30
31						

WINTER QUARTER

JANUARY						
S	M	T	W	T	F	S
	H	V	V	V	V	6
7	8	9	10	11	12	13
14	H	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	H	20	21	22	23	24
25	26	27	28			

MARCH						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	E	E	E	V	24
25	V	V	V	V	V	31

SPRING QUARTER

APRIL						
S	M	T	W	T	F	S
1	V	V	V	V	V	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	H	29	30	31		

JUNE						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	E	E	E	V	23
24	V	V	V	V	V	30

V: Student Vacations; intramural clinics, except Emergency Service, closed during quarter examinations unless affected by clinical block assignments

H: Holidays; offices and clinics are closed.

E: End of Quarter Examinations; clinics are closed.

Dates within squares are class, examination or clinic days.
Dates outside of squares are weekends, holidays or student vacations.
Teaching clinics are not utilized for patient care on Saturdays and Sundays.

*Intramural clinics except Emergency Service closed during quarter examination and student vacation periods unless affected by block assignments.

**All offices and clinics closed on holidays.

July	3-7	Student Vacation *
	4	Independence Day Holiday **
	7	Matriculation Day, Class of 1992
	10	Summer Quarter classes begin, 8 A.M.
	10	National Board Examinations, Part I
September	12	Student Academic Performance and Promotions Committee Meetings Class of 1991
	13	Class of 1990
	18	International Dental Studies
	27-28	Orientation Seminar, Stockton Campus, Class of 1992
	4	Labor Day Holiday **
October	19-21	Quarter Examinations *
	22	Faculty Retreat
	22-Oct. 6	Student Vacation *
November	9	Autumn Quarter classes begin 8 A.M.
		Student Academic Performance and Promotions Committee Meetings
	11	Class of 1992
	12	Class of 1990
	17	Class of 1991
December	19	International Dental Studies
	23-24	Thanksgiving Day Holiday **
	4-5	National Board Examinations, Part II
	19-21	Quarter Examinations *
	22-Jan. 5	Student Vacation *
	25-Jan. 1	Christmas and New Year's Holidays **

January	8	Winter Quarter classes begin 8 A.M.
		Student Academic Performance and Promotions Committee Meetings
	10	Class of 1992
	11	Class of 1990
	15	Martin Luther King, Jr. Holiday **
February	16	Student Academic Performance and Promotions Committee Meetings
		Class of 1991
	18	International Dental Studies
	19-20	Annual Session, School of Dentistry Alumni Association
		Class of 1990 may attend; third year clinics closed
March	19	Presidents' Birthday Holiday **
	23-25	Asilomar Seminar, Class of 1990
	20-22	Quarter Examinations *
April	23-Apr. 6	Student Vacation *
	9	Spring Quarter classes begin 8 A.M.
		Student Academic Performance and Promotions Committee Meetings
May	11	Class of 1992
	12	Class of 1990
	17	Class of 1991
	19	International Dental Studies
	28	Memorial Day Holiday **
June	2	Alumni Dinner honoring the Class of 1990
	19-21	Quarter Examinations *
	24	Ninety-sixth Graduation, Class of 1990
	27-July 1	California State Board Examinations, Class of 1990
	22-July 6	Student Vacation *

CALENDAR 1990-1991

SUMMER QUARTER

JULY						
S	M	T	W	T	F	S
1	V	V	H	V	V	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER						
S	M	T	W	T	F	S
						1
2	H	4	5	6	7	8
9	10	11	12	13	14	15
16	17	E	E	E	V	22
23	V	V	V	V	V	29
30						

AUTUMN QUARTER

OCTOBER						
S	M	T	W	T	F	S
	V	V	V	V	V	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	H	H	24
25	26	27	28	29	30	

DECEMBER						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	E	E	E	V	22
23	H	H	H	H	H	29
30	H					

WINTER QUARTER

JANUARY						
S	M	T	W	T	F	S
			H	V	V	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	H	22	23	24	25	26
27	28	29	30	31		

FEBRUARY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	H	19	20	21	22	23
24	25	26	27	28		

MARCH						
S	M	T	W	T	F	S
						1
2						
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	E	E	E	V	23
24	V	V	V	V	V	30
31						

SPRING QUARTER

APRIL						
S	M	T	W	T	F	S
	V	V	V	V	V	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	H	28	29	30	31	

JUNE						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	E	E	E	V	22
23	V	V	V	V	V	29
30						

V: Student Vacations: intramural clinics, except Emergency Service, closed during quarter examinations unless affected by clinical block assignments

H: Holidays: offices and clinics are closed.

E: End of Quarter Examinations; clinics are closed.

Dates within squares are class, examination or clinic days. Dates outside of squares are week-ends, holidays or student vacations. Teaching clinics are not utilized for patient care on Saturdays and Sundays.

*Intramural clinics except Emergency Service closed during quarter examination and student vacation periods unless affected by block assignments.
**All offices and clinics closed on holidays.

July 1990	2-6	Student Vacation *
	4	Independence Day Holiday **
	6	Matriculation Day, Class of 1993
	9	Summer Quarter classes begin, 8 A.M.
	9	National Board Examinations, Part I
September		Student Academic Performance and Promotions Committee Meetings
	11	Class of 1992
	12	Class of 1991
	17	International Dental Studies
	26-27	Orientation Seminar, Stockton Campus, Class of 1993
October	3	Labor Day Holiday **
	18-20	Quarter Examinations *
	21	Faculty Retreat
	21-Oct. 5	Student Vacation *
November	8	Autumn Quarter classes begin 8 A.M.
		Student Academic Performance and Promotions Committee Meetings
	10	Class of 1993
	11	Class of 1991
	16	Class of 1992
December	18	International Dental Studies
	22-23	Thanksgiving Day Holiday **
	3-4	National Board Examinations, Part II
	18-20	Quarter Examinations *
	21-Jan. 4	Student Vacation *
	25-Jan. 1	Christmas and New Year's Holidays **

January 1991	7	Winter Quarter classes begin 8 A.M.
		Student Academic Performance and Promotions Committee Meetings
	9	Class of 1993
	10	Class of 1991
	15	Class of 1992
February	17	International Dental Studies
	21	Martin Luther King, Jr. Holiday **
	1-2	Annual Session, School of Dentistry Alumni Association, Class of 1991 may attend; third year clinics closed
	18	Presidents' Birthday Holiday **
	22-24	Asilomar Seminar, Class of 1991
March	19-21	Quarter Examinations *
	22-Apr. 5	Student Vacation *
	8	Spring Quarter classes begin 8 A.M.
April		Student Academic Performance and Promotions Committee Meetings
	10	Class of 1993
	11	Class of 1991
	16	Class of 1992
	18	International Dental Studies
May	27	Memorial Day Holiday **
	8	Alumni Dinner honoring the Class of 1991
	18-20	Quarter Examinations *
	23	Ninety-seventh Graduation, Class of 1991
	26-30	California State Board Examinations, Class of 1991
June	21-July 5	Student Vacation *